

MAY 19, 2020 **LIVE**

10:00 PM ET | 08:00 PM MT | 07:00 PM PT

GREGG HOUSH

F2B

with Jimmy Church

1
00:03:07,030 --> 00:02:59,020

[Music]

2
00:03:10,840 --> 00:03:07,040

this hope radio for the masses headliner

3
00:03:12,820 --> 00:03:10,850

between July 8 1947 the on the airport

4
00:03:14,650 --> 00:03:12,830

who has announced on applying this has

5
00:03:17,590 --> 00:03:14,660

been found and is now in the possession

6
00:03:21,580 --> 00:03:17,600

of the army the game is rigged change

7
00:03:24,460 --> 00:03:21,590

the game changer I occasionally think

8
00:03:28,450 --> 00:03:24,470

how quickly our differences worldwide

9
00:03:33,280 --> 00:03:28,460

would vanish if we were facing an alien

10
00:03:38,509 --> 00:03:35,780

[Applause]

11
00:03:41,479 --> 00:03:38,519

this is fade to black with your host

12
00:03:45,160 --> 00:03:41,489

Jimmy Church on the game changer radio

13
00:03:48,500 --> 00:03:45,170

network and K GRA

14

00:03:53,660 --> 00:03:50,420

I need your help to get to the year

15

00:04:01,360 --> 00:03:58,170

[Music]

16

00:04:02,470 --> 00:04:01,370

black with Jimmy judge only game change

17

00:04:18,360 --> 00:04:02,480

in network

18

00:04:18,370 --> 00:04:22,159

fade to black

19

00:04:22,169 --> 00:04:34,700

this spoke radio for the masses

20

00:04:38,230 --> 00:04:36,650

[Music]

21

00:04:44,800 --> 00:04:38,240

[Applause]

22

00:04:54,850 --> 00:04:48,520

140 days into the new year

23

00:05:01,100 --> 00:04:54,860

Olli 228 days left is that right that's

24

00:05:03,730 --> 00:05:01,110

368 days my math is off is 366 right

25

00:05:05,940 --> 00:05:03,740

it's leap year

26

00:05:08,320 --> 00:05:05,950

backpack

27

00:05:09,460 --> 00:05:08,330

we are live from a bunker somewhere in

28

00:05:11,410 --> 00:05:09,470

the middle of beautiful downtown Burbank

29

00:05:14,910 --> 00:05:11,420

California and I would like to welcome

30

00:05:17,890 --> 00:05:14,920

everybody listening all around the world

31

00:05:19,300 --> 00:05:17,900

all across the United States

32

00:05:21,580 --> 00:05:19,310

[Applause]

33

00:05:23,170 --> 00:05:21,590

hither and thither to and fro back and

34

00:05:30,080 --> 00:05:23,180

forth up and down east and west north

35

00:05:34,550 --> 00:05:32,420

this is fade to black for KJ Sierra the

36

00:05:38,420 --> 00:05:34,560

game changer network and kg are in the

37

00:05:40,580 --> 00:05:38,430

planets I am your host Jimmy Church

38

00:05:46,060 --> 00:05:40,590

what is crack and everybody how you

39
00:05:54,650 --> 00:05:46,070
doing how you doing that Grace Jones Wow

40
00:05:57,500 --> 00:05:54,660
Wow man oh man all right yeah just

41
00:05:58,940 --> 00:05:57,510
checking out Twitter that's what I was

42
00:06:01,220 --> 00:05:58,950
doing right there follow me on twitter

43
00:06:03,170 --> 00:06:01,230
IG Church radio hashtag F to B is the

44
00:06:05,420 --> 00:06:03,180
sandbox you can come and check out

45
00:06:10,030 --> 00:06:05,430
everything that I am looking at in real

46
00:06:17,659 --> 00:06:10,040
time from Tampa rig from Tara Cassandra

47
00:06:19,430 --> 00:06:17,669
Donnie John yeah yeah Kevin Brad you

48
00:06:23,990 --> 00:06:19,440
guys are good you guys are funny it's

49
00:06:27,250 --> 00:06:24,000
funny with these yeah funny mark Cory

50
00:06:30,890 --> 00:06:27,260
that's a good one that's a good one

51
00:06:33,200 --> 00:06:30,900
little Frank Zappa just came in yeah

52
00:06:34,760 --> 00:06:33,210
it's pretty good stuff at J Church radio

53
00:06:38,630 --> 00:06:34,770
hashtag you have to be right there on

54
00:06:43,250 --> 00:06:38,640
Twitter tonight back with this is Gregg

55
00:06:47,150 --> 00:06:43,260
Housh there is you know Gregg is our

56
00:06:49,700 --> 00:06:47,160
hacker anonymous in residence that's

57
00:06:52,730 --> 00:06:49,710
that's that's Gregg that's Gregg when it

58
00:06:55,159 --> 00:06:52,740
comes to fade to black and we get you

59
00:06:57,380 --> 00:06:55,169
know breaking news on the internet and

60
00:07:00,260 --> 00:06:57,390
hacking and all that you know that's you

61
00:07:02,750 --> 00:07:00,270
know I got the hotline to the guy right

62
00:07:04,029 --> 00:07:02,760
I can pick up the phone and call Greg go

63
00:07:07,940 --> 00:07:04,039

man have you heard about this

64

00:07:09,710 --> 00:07:07,950

and you know it's about everything - by

65

00:07:14,029 --> 00:07:09,720

the way absolutely knows about

66

00:07:19,730 --> 00:07:14,039

everything so there is a huge story

67

00:07:24,260 --> 00:07:19,740

right now and that is a law firm in New

68

00:07:27,740 --> 00:07:24,270

York City and said by many to be the top

69

00:07:30,680 --> 00:07:27,750

the tippity-top entertainment law firm

70

00:07:36,080 --> 00:07:30,690

in the world has been hacked by a group

71

00:07:37,610 --> 00:07:36,090

called our evil and it is huge news it's

72

00:07:41,120 --> 00:07:37,620

huge news for a lot of different reasons

73

00:07:43,430 --> 00:07:41,130

and but we're gonna go through all of

74

00:07:47,870 --> 00:07:43,440

that tonight with Greg

75

00:07:50,930 --> 00:07:47,880

and over the weekend they upped their

76
00:07:54,260 --> 00:07:50,940
ransom demand from 21 million dollars to

77
00:07:58,730 --> 00:07:54,270
42 million dollars and they said the

78
00:08:01,640 --> 00:07:58,740
reason for that is with the 750

79
00:08:04,700 --> 00:08:01,650
gigabytes of secret data that we stole

80
00:08:07,550 --> 00:08:04,710
from you in that there is dirt on

81
00:08:10,790 --> 00:08:07,560
President Trump and you have seven days

82
00:08:12,770 --> 00:08:10,800
to pay up okay or we're gonna release it

83
00:08:15,350 --> 00:08:12,780
so that's where we're at right now we're

84
00:08:18,820 --> 00:08:15,360
in a game of you know it's a poker match

85
00:08:21,050 --> 00:08:18,830
right it's poker going on here and

86
00:08:24,860 --> 00:08:21,060
that's what we're gonna cover tonight

87
00:08:27,200 --> 00:08:24,870
and why do this why why do this all

88
00:08:29,450 --> 00:08:27,210

right why and we're gonna find out

89

00:08:32,180 --> 00:08:29,460

tonight it is very interesting and the

90

00:08:33,770 --> 00:08:32,190

other part about this and of course Greg

91

00:08:38,480 --> 00:08:33,780

will be here in a few minutes to talk

92

00:08:40,670 --> 00:08:38,490

about it is that President Trump you

93

00:08:43,190 --> 00:08:40,680

know like him or not and we're just

94

00:08:46,670 --> 00:08:43,200

talking about the facts here President

95

00:08:50,570 --> 00:08:46,680

Trump was not appears to not have been a

96

00:08:52,550 --> 00:08:50,580

client of this law firm so what is it in

97

00:08:55,700 --> 00:08:52,560

these files if there is anything in

98

00:08:59,780 --> 00:08:55,710

these files right we don't know these

99

00:09:01,880 --> 00:08:59,790

answers it's very very very interesting

100

00:09:03,800 --> 00:09:01,890

okay so we'll be talking about all of

101

00:09:07,640 --> 00:09:03,810

that tonight tomorrow night right here

102

00:09:12,620 --> 00:09:07,650

in this program dr. Robert M shock he is

103

00:09:20,060 --> 00:09:12,630

here for our gobekli tepe special event

104

00:09:22,820 --> 00:09:20,070

we have done five of those now we did

105

00:09:24,560 --> 00:09:22,830

and we've done five gobekli tepe special

106

00:09:26,329 --> 00:09:24,570

events you know one per year

107

00:09:27,890 --> 00:09:26,339

maybe skipped a couple of years I'm

108

00:09:31,130 --> 00:09:27,900

thinking five five might be the right

109

00:09:34,670 --> 00:09:31,140

number dr. Robert Schoch was just there

110

00:09:38,510 --> 00:09:34,680

he was researching the site and filming

111

00:09:40,579 --> 00:09:38,520

a documentary he is back and we're gonna

112

00:09:43,190 --> 00:09:40,589

talk about everything we're gonna go

113

00:09:46,730 --> 00:09:43,200

into the history of Gobekli Tepe the

114

00:09:49,790 --> 00:09:46,740

prehistory and the thing is as we all

115

00:09:54,440 --> 00:09:49,800

know by now especially for the listeners

116

00:09:57,230 --> 00:09:54,450

to this program if there is prehistory

117

00:10:01,220 --> 00:09:57,240

to gobekli tepe

118

00:10:08,090 --> 00:10:01,230

then we are headed back backwards into

119

00:10:11,810 --> 00:10:08,100

the Ice Age that's right and that is

120

00:10:16,400 --> 00:10:11,820

when gobekli tepe was built at the end

121

00:10:19,940 --> 00:10:16,410

of ordering still possibly during the

122

00:10:24,500 --> 00:10:19,950

last ice age how's that possible you

123

00:10:26,300 --> 00:10:24,510

know and and obviously there were Homo

124

00:10:28,370 --> 00:10:26,310

sapiens sapiens running around on this

125

00:10:33,920 --> 00:10:28,380

planet during the Ice Age but weren't

126
00:10:36,740 --> 00:10:33,930
they south right where the heat is where

127
00:10:39,290 --> 00:10:36,750
the food is you live where the heat is

128
00:10:41,240 --> 00:10:39,300
you live where the food is who was

129
00:10:44,180 --> 00:10:41,250
living up there during that okay so

130
00:10:45,769 --> 00:10:44,190
anyway that is tomorrow night looking

131
00:10:47,870 --> 00:10:45,779
forward to that nothing like gobekli

132
00:10:51,320 --> 00:10:47,880
tepe and fade to black that's a perfect

133
00:10:53,810 --> 00:10:51,330
evening here Thursday night continuing

134
00:10:55,760 --> 00:10:53,820
an amazing week here on fade to black

135
00:10:57,139 --> 00:10:55,770
we're not gonna have a fete or night no

136
00:11:00,560 --> 00:10:57,149
we're not gonna do open lines on

137
00:11:03,740 --> 00:11:00,570
Thursday because Linda Moulton Howe is

138
00:11:06,740 --> 00:11:03,750

joining us and she will be here to

139

00:11:11,060 --> 00:11:06,750

present all of her coronavirus and kovat

140

00:11:13,130 --> 00:11:11,070

19 research done the only way that Linda

141

00:11:16,130 --> 00:11:13,140

can do it that is interviewing people

142

00:11:18,760 --> 00:11:16,140

and and peeling back the layers and

143

00:11:21,769 --> 00:11:18,770

we're gonna do all of that we have leftt

144

00:11:26,389 --> 00:11:21,779

coronavirus alone on this show for two

145

00:11:29,750 --> 00:11:26,399

months okay now that we've got enough

146

00:11:32,960 --> 00:11:29,760

time behind us and we are able to gather

147

00:11:36,170 --> 00:11:32,970

information and and get our our heads

148

00:11:39,620 --> 00:11:36,180

around this this thing that is going on

149

00:11:42,470 --> 00:11:39,630

and continues to go on Linda has had the

150

00:11:44,990 --> 00:11:42,480

time and the opportunity to go and and

151

00:11:47,329 --> 00:11:45,000

collect all of this for the show on

152

00:11:50,840 --> 00:11:47,339

Thursday night so get ready Thursday

153

00:11:52,819 --> 00:11:50,850

night Linda Moulton Howe okay all right

154

00:11:57,650 --> 00:11:52,829

I just said at the top of the show

155

00:12:00,139 --> 00:11:57,660

follow me on twitter at J Church radio

156

00:12:02,240 --> 00:12:00,149

okay now if you head over to Jimmy

157

00:12:05,810 --> 00:12:02,250

church radio calm I'm kicking back by

158

00:12:07,579 --> 00:12:05,820

the way got my feet up on my footrest

159

00:12:08,870 --> 00:12:07,589

which is underneath and then I'm able to

160

00:12:16,040 --> 00:12:08,880

just kind of

161

00:12:21,500 --> 00:12:16,050

you're watching me do this right I

162

00:12:23,630 --> 00:12:21,510

stretch my legs that's right email is

163

00:12:26,270 --> 00:12:23,640

Jimmy and Jimmy church radio calm we

164

00:12:28,700 --> 00:12:26,280

have to chat rooms open one over at

165

00:12:31,430 --> 00:12:28,710

Spreaker one over a kg RA the planet and

166

00:12:34,160 --> 00:12:31,440

of course we have everybody hanging out

167

00:12:38,630 --> 00:12:34,170

with us over on YouTube hello youtube I

168

00:12:40,490 --> 00:12:38,640

you're doing Twitter Facebook and with

169

00:12:45,760 --> 00:12:40,500

all of the live streams and the video

170

00:12:48,650 --> 00:12:45,770

which are should be now in glorious HD

171

00:12:50,630 --> 00:12:48,660

high definition we should start out the

172

00:12:55,150 --> 00:12:50,640

show each night remember when NBC would

173

00:13:00,800 --> 00:12:55,160

do the peacock right in living color

174

00:13:03,340 --> 00:13:00,810

yeah this full of hot tamales what hot

175

00:13:06,680 --> 00:13:03,350

tamales the candy I used to love those I

176
00:13:11,930 --> 00:13:06,690
used to love I had friends that rejected

177
00:13:16,520 --> 00:13:11,940
hot tamales not me man knew who know

178
00:13:19,100 --> 00:13:16,530
those you that's Fistful absolutely

179
00:13:22,550 --> 00:13:19,110
email is Jimmy at Jimmy J radio calm I

180
00:13:25,040 --> 00:13:22,560
feel great I feel great because I take

181
00:13:28,460 --> 00:13:25,050
my vitamins every day I take all of my

182
00:13:33,650 --> 00:13:28,470
supplements every single day I have not

183
00:13:36,470 --> 00:13:33,660
missed a day I take every single day I

184
00:13:40,900 --> 00:13:36,480
take Moringa and I take pine bark

185
00:13:44,930 --> 00:13:40,910
extract and olive leaf extract I take

186
00:13:47,570 --> 00:13:44,940
multivitamins man I take bee pollen

187
00:13:51,470 --> 00:13:47,580
every single day I drink the Super T

188
00:13:55,220 --> 00:13:51,480

from get the t.com every single day this

189

00:13:58,520 --> 00:13:55,230

is what I do my immune system is maxed

190

00:14:00,680 --> 00:13:58,530

out its word should be I want you to get

191

00:14:02,300 --> 00:14:00,690

your immune system boosted head over to

192

00:14:04,330 --> 00:14:02,310

get the t-dot-com

193

00:14:06,260 --> 00:14:04,340

and you know with all of the

194

00:14:09,200 --> 00:14:06,270

conversation that is going on right now

195

00:14:11,210 --> 00:14:09,210

about coronavirus and round two and

196

00:14:13,100 --> 00:14:11,220

coming back and people that were

197

00:14:15,860 --> 00:14:13,110

infected or getting reinfected you know

198

00:14:19,120 --> 00:14:15,870

we we we just don't understand what is

199

00:14:22,550 --> 00:14:19,130

going on what we do understand is that

200

00:14:27,079 --> 00:14:22,560

it's your immune system

201
00:14:28,610 --> 00:14:27,089
that's that that's the key here so I

202
00:14:31,579 --> 00:14:28,620
want you to get your immune system

203
00:14:33,559 --> 00:14:31,589
boosted go to get the t-dot-com and head

204
00:14:35,809 --> 00:14:33,569
to their specials page it's right there

205
00:14:39,319 --> 00:14:35,819
they have an immunity booster and pack

206
00:14:42,170 --> 00:14:39,329
right there that you can get and if you

207
00:14:45,319 --> 00:14:42,180
use the promo code Vader FA de R you're

208
00:14:46,340 --> 00:14:45,329
gonna get free shipping on an already

209
00:14:48,739 --> 00:14:46,350
discounted price

210
00:14:52,429 --> 00:14:48,749
okay the promo code is fader the banners

211
00:14:55,850 --> 00:14:52,439
are at chibi Church radio.com I am

212
00:14:57,739 --> 00:14:55,860
really enjoying getting all the feedback

213
00:15:00,410 --> 00:14:57,749

from everybody about Billy Carson's new

214

00:15:04,220 --> 00:15:00,420

internet TV network and I'm watching the

215

00:15:08,389 --> 00:15:04,230

comments and people referring me to

216

00:15:12,049 --> 00:15:08,399

programming over hat forbidden knowledge

217

00:15:13,489 --> 00:15:12,059

TV that is very very cool you need to go

218

00:15:16,069 --> 00:15:13,499

and check it out right now Billy

219

00:15:18,079 --> 00:15:16,079

Carson's internet TV network and the

220

00:15:19,970 --> 00:15:18,089

banners are right there to maturity that

221

00:15:22,999 --> 00:15:19,980

I come when you go and you sign up three

222

00:15:24,650 --> 00:15:23,009

day free trial so you can go and check

223

00:15:27,230 --> 00:15:24,660

out all of the amazing stuff that Billy

224

00:15:31,040 --> 00:15:27,240

Carson's got for all of us over at

225

00:15:34,179 --> 00:15:31,050

forbidden knowledge TV and River Moon

226

00:15:37,309 --> 00:15:34,189

coffee there you go River Moon coffee

227

00:15:41,030 --> 00:15:37,319

GameChanger blend the new blend

228

00:15:44,090 --> 00:15:41,040

fade to black blend all of their brands

229

00:15:45,410 --> 00:15:44,100

and and coffees that they sell all you

230

00:15:48,460 --> 00:15:45,420

have to do is go to River Moon coffee

231

00:15:51,230 --> 00:15:48,470

calm promo code f2b blend

232

00:15:54,949 --> 00:15:51,240

f2b blend on the website and of course

233

00:15:56,569 --> 00:15:54,959

Jimmy our emcee over at Amazon with

234

00:15:59,509 --> 00:15:56,579

their Amazon store let's get to this

235

00:16:02,389 --> 00:15:59,519

breaking news criminals now we're

236

00:16:05,929 --> 00:16:02,399

talking about hacking tonight and with

237

00:16:08,840 --> 00:16:05,939

Gregg Housh and then we get this news

238

00:16:10,970 --> 00:16:08,850

today because criminals gained access to

239

00:16:14,449 --> 00:16:10,980

emails and travel history for around

240

00:16:18,110 --> 00:16:14,459

nine million customers of British budget

241

00:16:21,739 --> 00:16:18,120

airline easyJet and obtaining the credit

242

00:16:23,480 --> 00:16:21,749

card details of more than 2000 of them

243

00:16:25,639 --> 00:16:23,490

easyJet is communicating with

244

00:16:27,919 --> 00:16:25,649

approximately nine million customers

245

00:16:30,049 --> 00:16:27,929

whose travel details were accessed to

246

00:16:33,650 --> 00:16:30,059

advise them of protective steps to

247

00:16:35,720 --> 00:16:33,660

minimalize any risk a potential phishing

248

00:16:38,870 --> 00:16:35,730

we'll notify everyone who was affected

249

00:16:41,930 --> 00:16:38,880

by the hack no later than May 26th

250

00:16:44,420 --> 00:16:41,940

easyJet said it had contacted forensic

251
00:16:46,520 --> 00:16:44,430
experts to investigate the hack and the

252
00:16:49,130 --> 00:16:46,530
airline also notified the information

253
00:16:51,970 --> 00:16:49,140
customers commissioner's office in the

254
00:16:53,600 --> 00:16:51,980
National Cyber Security Center

255
00:16:56,210 --> 00:16:53,610
absolutely incredible

256
00:17:00,730 --> 00:16:56,220
hacking goes on every single day and

257
00:17:05,450 --> 00:17:00,740
it's you know look it's it's simple

258
00:17:10,880 --> 00:17:05,460
never click on a link okay

259
00:17:13,610 --> 00:17:10,890
it never click on a link you get a link

260
00:17:16,240 --> 00:17:13,620
in private and a private message don't

261
00:17:19,430 --> 00:17:16,250
click on it you get a link in an email

262
00:17:24,710 --> 00:17:19,440
don't click on it you know the person in

263
00:17:26,090 --> 00:17:24,720

the email don't click on it ever I get

264

00:17:28,640 --> 00:17:26,100

email all the time for people that I

265

00:17:32,030 --> 00:17:28,650

know that they have been jeopardized and

266

00:17:33,710 --> 00:17:32,040

I get these crazy hey Jimmy you know and

267

00:17:35,890 --> 00:17:33,720

it's from somebody that I know

268

00:17:41,600 --> 00:17:35,900

hey Jimmy just saw this video of you

269

00:17:44,480 --> 00:17:41,610

don't click that link man man man I get

270

00:17:48,800 --> 00:17:44,490

notifications from our cybersecurity

271

00:17:51,710 --> 00:17:48,810

firm all day long threats secured this

272

00:17:53,870 --> 00:17:51,720

is now in quarantine this email came

273

00:17:57,650 --> 00:17:53,880

from Sola so and it was infected with

274

00:18:00,800 --> 00:17:57,660

this I get 10 of those a day and we have

275

00:18:03,980 --> 00:18:00,810

email that's on lockdown I mean I don't

276

00:18:06,860 --> 00:18:03,990

get email from from anybody that I don't

277

00:18:10,550 --> 00:18:06,870

know okay I have no idea how many emails

278

00:18:12,320 --> 00:18:10,560

are rejected all day long I have no idea

279

00:18:13,640 --> 00:18:12,330

I don't keep the count I don't I don't I

280

00:18:15,710 --> 00:18:13,650

don't know get way too much email I

281

00:18:17,180 --> 00:18:15,720

don't keep up on it but I do see all of

282

00:18:19,210 --> 00:18:17,190

these threats and they come in all day

283

00:18:21,650 --> 00:18:19,220

long I don't click on anything

284

00:18:24,920 --> 00:18:21,660

somebody's got something to say I read

285

00:18:26,720 --> 00:18:24,930

it I'll type something back if I need to

286

00:18:30,140 --> 00:18:26,730

do that you know thank you

287

00:18:33,980 --> 00:18:30,150

cool boom done send but I don't click on

288

00:18:36,380 --> 00:18:33,990

a link I don't do it I don't do it don't

289

00:18:40,880 --> 00:18:36,390

ever click on them who clicks on a link

290

00:18:43,400 --> 00:18:40,890

today in email you know and if you get a

291

00:18:45,880 --> 00:18:43,410

virus you get malware because you

292

00:18:50,060 --> 00:18:45,890

clicked on a link that's your fault

293

00:18:57,230 --> 00:18:50,070

that's that's internet that's internet

294

00:18:59,570 --> 00:18:57,240

101 man you don't click on links ever do

295

00:19:06,549 --> 00:18:59,580

you ever see me post something hey man

296

00:19:08,169 --> 00:19:06,559

check this out new clicks on links

297

00:19:12,230 --> 00:19:08,179

nobody alright

298

00:19:15,830 --> 00:19:12,240

crazy news today out of NASA the head of

299

00:19:20,530 --> 00:19:15,840

NASA's human spaceflight office right

300

00:19:25,820 --> 00:19:20,540

the dude that is the head of sending

301

00:19:29,659 --> 00:19:25,830

astronauts into space that guy has

302

00:19:32,630 --> 00:19:29,669

resigned just one week before NASA is

303

00:19:35,060 --> 00:19:32,640

expected to launch three astronauts from

304

00:19:36,020 --> 00:19:35,070

American soil for the first time in

305

00:19:39,919 --> 00:19:36,030

nearly a decade

306

00:19:42,860 --> 00:19:39,929

but he resigned today Douglas Iavarro

307

00:19:44,750 --> 00:19:42,870

has served as the associate

308

00:19:47,720 --> 00:19:44,760

administrator for the human exploration

309

00:19:49,610 --> 00:19:47,730

and operations Mission Directorate for

310

00:19:52,310 --> 00:19:49,620

just seven months he took over the job

311

00:19:55,010 --> 00:19:52,320

in October after his predecessor William

312

00:19:58,100 --> 00:19:55,020

a Gersten Mayer was demoted and

313

00:19:59,780 --> 00:19:58,110

eventually left NASA lavarro

314

00:20:01,580 --> 00:19:59,790

who previously worked at the

315

00:20:04,159 --> 00:20:01,590

super-secret National Reconnaissance

316

00:20:07,190 --> 00:20:04,169

Office said he was leaving the agency

317

00:20:10,610 --> 00:20:07,200

and I'm quoting here with a very very

318

00:20:13,100 --> 00:20:10,620

heavy heart after making some mistake

319

00:20:14,860 --> 00:20:13,110

during his tenure and now this is all

320

00:20:19,100 --> 00:20:14,870

according to a letter that he wrote

321

00:20:24,890 --> 00:20:19,110

directly to NASA and its employees now

322

00:20:28,070 --> 00:20:24,900

remember next week on May 27th next week

323

00:20:29,780 --> 00:20:28,080

NASA plans to send two astronauts to

324

00:20:31,490 --> 00:20:29,790

their I said three two astronauts to the

325

00:20:35,450 --> 00:20:31,500

International Space Station aboard the

326

00:20:37,820 --> 00:20:35,460

SpaceX crew Dragon capsule the first

327

00:20:40,159 --> 00:20:37,830

time since the retirement of the space

328

00:20:44,180 --> 00:20:40,169

shuttle program back in 2011 that

329

00:20:47,450 --> 00:20:44,190

astronauts will launch from US soil this

330

00:20:51,049 --> 00:20:47,460

is a big deal but today neither SpaceX

331

00:20:54,740 --> 00:20:51,059

or NASA has made any public comment on

332

00:20:56,810 --> 00:20:54,750

the current shake-up okay

333

00:20:58,850 --> 00:20:56,820

let's hope that this launch happens on

334

00:21:04,640 --> 00:20:58,860

time next week on the 27th in more

335

00:21:08,620 --> 00:21:04,650

the news do you thrive in a social

336

00:21:11,150 --> 00:21:08,630

isolation do you

337

00:21:14,990 --> 00:21:11,160

NASA is looking for people to spend

338

00:21:18,919 --> 00:21:15,000

eight months locked up in a Russian lab

339

00:21:21,380 --> 00:21:18,929

for a new experiment that's right you've

340

00:21:22,910 --> 00:21:21,390

always wanted to do this when humans

341

00:21:24,520 --> 00:21:22,920

return to the moon and travel to Mars

342

00:21:27,440 --> 00:21:24,530

they will need to be prepared for

343

00:21:29,320 --> 00:21:27,450

long-duration space travel and even

344

00:21:31,909 --> 00:21:29,330

longer days on these far-off

345

00:21:33,650 --> 00:21:31,919

destinations some like a commercial

346

00:21:37,400 --> 00:21:33,660

don't I yeah

347

00:21:38,870 --> 00:21:37,410

currently NASA's Artemis program aims to

348

00:21:40,940 --> 00:21:38,880

land humans on the moon for the first

349

00:21:44,900 --> 00:21:40,950

time since NASA's Apollo 17 mission

350

00:21:47,720 --> 00:21:44,910

landed back in 1972 in the upcoming NASA

351

00:21:50,210 --> 00:21:47,730

Russia experiment a crew will live in

352

00:21:51,830 --> 00:21:50,220

isolation in a closed facility at

353

00:21:56,450 --> 00:21:51,840

Russia's Institute for biomedical

354

00:21:59,690 --> 00:21:56,460

problems which is in Moscow NASA's

355

00:22:02,930 --> 00:21:59,700

looking for highly motivated US citizens

356

00:22:04,039 --> 00:22:02,940

between the ages of 30 and 55 dang it I

357

00:22:07,220 --> 00:22:04,049

almost made the cut

358

00:22:11,120 --> 00:22:07,230

must speak both Russian in English and

359

00:22:13,780 --> 00:22:11,130

not quite with me have an MS PhD or MD

360

00:22:16,490 --> 00:22:13,790

or military officer training and

361

00:22:20,270 --> 00:22:16,500

applicants with a bachelor's degree or

362

00:22:23,120 --> 00:22:20,280

other relevant experience may also be

363

00:22:26,810 --> 00:22:23,130

considered you want to sign up just go

364

00:22:30,140 --> 00:22:26,820

to NASA's website it's probably nasa.gov

365

00:22:31,549 --> 00:22:30,150

or something like that now let's get

366

00:22:36,409 --> 00:22:31,559

this show cracking happy birthday to

367

00:22:40,190 --> 00:22:36,419

today Pete Townsend is 75 saxophonist

368

00:22:43,730 --> 00:22:40,200

Tom Scott is 72 the LA Express Blues

369

00:22:49,330 --> 00:22:43,740

Brothers Saturday and live ZZ Top's

370

00:22:54,080 --> 00:22:49,340

dusty hill today 71 a cdc's phil rudd

371

00:22:58,100 --> 00:22:54,090

today is only 66 our dead guys birthday

372

00:22:59,030 --> 00:22:58,110

today is Joey Ramone 1951 to 2001 died

373

00:23:02,030 --> 00:22:59,040

at the age of 49

374

00:23:04,909 --> 00:23:02,040

of course musician singer songwriter and

375

00:23:08,330 --> 00:23:04,919

lead vocalist of the punk rock band The

376

00:23:11,120 --> 00:23:08,340

Ramones Joey Ramones image voice and gig

377

00:23:14,390 --> 00:23:11,130

as frontman of the Ramones made him

378

00:23:16,880 --> 00:23:14,400

a counter cultural icon Joey died at the

379

00:23:19,100 --> 00:23:16,890

age of 49 following a seven-year battle

380

00:23:23,870 --> 00:23:19,110

with lymphoma at New York Presbyterian

381

00:23:26,810 --> 00:23:23,880

Hospital on April 15 2001 a month before

382

00:23:31,070 --> 00:23:26,820

he would have turned 50 he was listening

383

00:23:35,270 --> 00:23:31,080

to the song in a little while by u2 when

384

00:23:38,780 --> 00:23:35,280

he died on this day in history 1967 the

385

00:23:41,990 --> 00:23:38,790

Soviets ratified a treaty banning

386

00:23:43,460 --> 00:23:42,000

nuclear weapons from outer space after

387

00:23:46,100 --> 00:23:43,470

the United States Great Britain and

388

00:23:49,940 --> 00:23:46,110

several dozen other nations had already

389

00:23:55,310 --> 00:23:49,950

signed and/or ratified the treaty Fader

390

00:23:58,820 --> 00:23:55,320

fact in Switzerland applications for

391

00:24:01,150 --> 00:23:58,830

citizenship are decided at the municipal

392

00:24:05,750 --> 00:24:01,160

level that's right

393

00:24:10,640 --> 00:24:05,760

therefore if your neighbors and your

394

00:24:14,180 --> 00:24:10,650

friends find you annoying they can vote

395

00:24:18,620 --> 00:24:14,190

to deny your citizenship that's right

396

00:24:20,240 --> 00:24:18,630

one woman a vegan spoke out about the

397

00:24:22,460 --> 00:24:20,250

tradition in Switzerland of putting

398

00:24:25,520 --> 00:24:22,470

bells around the necks of cows while

399

00:24:28,550 --> 00:24:25,530

this pissed off everyone this offended

400

00:24:32,810 --> 00:24:28,560

her neighbors they voted and she was

401
00:24:35,630 --> 00:24:32,820
denied her passport her activism they

402
00:24:38,390 --> 00:24:35,640
said displayed a lack of respect for the

403
00:24:41,030 --> 00:24:38,400
villages and the country's cultural

404
00:24:46,540 --> 00:24:41,040
traditions and she had demonstrated all

405
00:24:50,030 --> 00:24:46,550
of that disrespect in public and that is

406
00:24:51,290 --> 00:24:50,040
your favor fact tonight Greg house is

407
00:24:53,510 --> 00:24:51,300
here we're going to be talking about

408
00:24:55,190 --> 00:24:53,520
hacking it's gonna be a great show

409
00:24:59,120 --> 00:24:55,200
tomorrow night Robert Schoch Thursday

410
00:25:01,100 --> 00:24:59,130
night Linda Moulton Howe now let me hit

411
00:25:07,100 --> 00:25:01,110
this River moon coffee Rita and I were

412
00:25:10,240 --> 00:25:07,110
practicing this today Rita does it

413
00:25:12,890 --> 00:25:10,250

pretty good too man have me laughing so

414

00:25:16,310 --> 00:25:12,900

earlier today after reading so much

415

00:25:18,470 --> 00:25:16,320

about the fact-checking bots that are

416

00:25:21,620 --> 00:25:18,480

following everybody on Facebook and how

417

00:25:23,310 --> 00:25:21,630

to block them I decided to check it out

418

00:25:26,880 --> 00:25:23,320

and see if all the dry

419

00:25:29,760 --> 00:25:26,890

was true well the short answer is yes

420

00:25:35,490 --> 00:25:29,770

it's true I can say with a fair amount

421

00:25:38,550 --> 00:25:35,500

of confidence that you right you have a

422

00:25:41,930 --> 00:25:38,560

fact-checking bot right now following

423

00:25:45,120 --> 00:25:41,940

you on facebook probably a handful

424

00:25:48,780 --> 00:25:45,130

these are followers of your facebook

425

00:25:51,690 --> 00:25:48,790

facebook profile not friends okay

426
00:25:54,540 --> 00:25:51,700
there's a difference now today I found

427
00:25:59,340 --> 00:25:54,550
five that we ran actually named fact

428
00:26:02,520 --> 00:25:59,350
check bot couldn't believe it or

429
00:26:05,220 --> 00:26:02,530
something similar to that and these are

430
00:26:08,220 --> 00:26:05,230
true AI machine learning algorithms

431
00:26:13,410 --> 00:26:08,230
create to watch you and report on you

432
00:26:16,380 --> 00:26:13,420
cool absolutely not but with billions of

433
00:26:22,080 --> 00:26:16,390
users I can't see any other way of

434
00:26:25,770 --> 00:26:22,090
getting the job done saves money so you

435
00:26:27,750 --> 00:26:25,780
kind of expect it now today I'm not

436
00:26:31,230 --> 00:26:27,760
condoning any of this by the way it's

437
00:26:34,620 --> 00:26:31,240
it's pretty crazy but today I looked and

438
00:26:35,880 --> 00:26:34,630

I saw that I have just over eight

439

00:26:37,770 --> 00:26:35,890

thousand followers

440

00:26:41,130 --> 00:26:37,780

I don't really stay up on those numbers

441

00:26:43,380 --> 00:26:41,140

and you know whatever but there there it

442

00:26:45,210 --> 00:26:43,390

is I have over 8,000 followers and it's

443

00:26:46,950 --> 00:26:45,220

a big number for some and I get that but

444

00:26:50,270 --> 00:26:46,960

in the real world it's actually very

445

00:26:55,770 --> 00:26:50,280

very tiny so with that I searched for

446

00:27:00,330 --> 00:26:55,780

just the word checker instead of fact

447

00:27:01,950 --> 00:27:00,340

check in my settings and I found out now

448

00:27:05,100 --> 00:27:01,960

listen to this I found out that I'm

449

00:27:11,310 --> 00:27:05,110

followed by hundreds of people with the

450

00:27:18,330 --> 00:27:11,320

name Bob checker FB checker face

451
00:27:19,560 --> 00:27:18,340
Janet FB check FB checker John what how

452
00:27:21,300 --> 00:27:19,570
many people can have the last name

453
00:27:25,530 --> 00:27:21,310
checker how many people can have the

454
00:27:27,930 --> 00:27:25,540
first name checker or check right then I

455
00:27:30,120 --> 00:27:27,940
started clicking on the profiles when

456
00:27:33,510 --> 00:27:30,130
it's like holy crap I'm literally

457
00:27:35,990 --> 00:27:33,520
followed by a thousand fake back

458
00:27:40,230 --> 00:27:36,000
checking accounts

459
00:27:42,570 --> 00:27:40,240
looking at their profile is the profiles

460
00:27:44,820 --> 00:27:42,580
built you know they've got one post in

461
00:27:47,159 --> 00:27:44,830
five years you know that has absolutely

462
00:27:51,870 --> 00:27:47,169
nothing to do with anything it's just a

463
00:27:53,669 --> 00:27:51,880

fake account crazy and the list every

464

00:27:57,360 --> 00:27:53,679

time I punched in another search where I

465

00:27:59,519 --> 00:27:57,370

had hundreds with these with these names

466

00:28:06,210 --> 00:27:59,529

like check and checker and Facebook and

467

00:28:09,000 --> 00:28:06,220

FB and face what you know it's and the

468

00:28:10,830 --> 00:28:09,010

really crazy part about this is that you

469

00:28:12,930 --> 00:28:10,840

don't get a notification about these

470

00:28:15,299 --> 00:28:12,940

BOTS or accounts when they follow you

471

00:28:16,769 --> 00:28:15,309

sure I'll see something from time to

472

00:28:20,190 --> 00:28:16,779

time that says you know somebody like

473

00:28:22,980 --> 00:28:20,200

John Johnson you know just followed you

474

00:28:26,820 --> 00:28:22,990

I get that you know and I see that but

475

00:28:28,980 --> 00:28:26,830

I've never seen an FB fact-checker just

476
00:28:30,870 --> 00:28:28,990
followed you on Facebook I've never seen

477
00:28:32,399 --> 00:28:30,880
that notification and according to these

478
00:28:34,560 --> 00:28:32,409
numbers that are witnessed today I

479
00:28:39,419 --> 00:28:34,570
should have seen this a thousand times

480
00:28:41,669 --> 00:28:39,429
or at least once right I haven't so if

481
00:28:43,980 --> 00:28:41,679
you're a real person with a god-given

482
00:28:48,269 --> 00:28:43,990
first or last name of face

483
00:28:50,190 --> 00:28:48,279
check her checker sorry but you're gonna

484
00:28:54,120 --> 00:28:50,200
be blocked and you're gonna be blocked

485
00:28:58,680 --> 00:28:54,130
too soon when any parent that would name

486
00:29:00,389 --> 00:28:58,690
their child FB fact-check deserves to

487
00:29:03,090 --> 00:29:00,399
have their offspring blocked from

488
00:29:05,340 --> 00:29:03,100

facebook it's their fault it's their

489

00:29:07,500 --> 00:29:05,350

fault not mine not mine personally I

490

00:29:10,230 --> 00:29:07,510

don't care by the way I don't post

491

00:29:12,509 --> 00:29:10,240

anything ever that is crossing the line

492

00:29:14,850 --> 00:29:12,519

of what it's considered decent or of low

493

00:29:17,159 --> 00:29:14,860

moral character I don't do that

494

00:29:19,710 --> 00:29:17,169

most of my humor isn't funny and I'm the

495

00:29:21,990 --> 00:29:19,720

only one usually laughing at it but at

496

00:29:25,440 --> 00:29:22,000

least it's g-rated and sometimes it's

497

00:29:29,120 --> 00:29:25,450

even fun for the whole family but 1000

498

00:29:31,350 --> 00:29:29,130

bots Facebook is that really necessary

499

00:29:34,409 --> 00:29:31,360

well let's take a deeper look at this

500

00:29:38,610 --> 00:29:34,419

you have to ask yourself why right why

501
00:29:42,120 --> 00:29:38,620
and why are all of these posts suddenly

502
00:29:45,299 --> 00:29:42,130
popping up on Facebook about these BOTS

503
00:29:47,970 --> 00:29:45,309
why are those being allowed to fester by

504
00:29:48,720 --> 00:29:47,980
Facebook if facebook wanted to keep all

505
00:29:50,610 --> 00:29:48,730
of the seek

506
00:29:52,560 --> 00:29:50,620
they could without a doubt run these

507
00:29:56,190 --> 00:29:52,570
spots without you knowing anything about

508
00:29:58,080 --> 00:29:56,200
it at all the real live humans that are

509
00:30:00,000 --> 00:29:58,090
employed by Facebook in the tens of

510
00:30:02,310 --> 00:30:00,010
thousands by the way with millions of

511
00:30:07,140 --> 00:30:02,320
fake accounts are running around and

512
00:30:11,190 --> 00:30:07,150
totally unblockable I've tried you can't

513
00:30:13,500 --> 00:30:11,200

block Facebook security get bit get that

514

00:30:17,340 --> 00:30:13,510

Facebook security list you go down you

515

00:30:20,100 --> 00:30:17,350

can block 1 out of 20 right and must be

516

00:30:22,500 --> 00:30:20,110

an accident so Facebook heads allowed

517

00:30:25,350 --> 00:30:22,510

this post of mine today to run and yes

518

00:30:28,290 --> 00:30:25,360

it's about fact checkers complete with a

519

00:30:28,890 --> 00:30:28,300

screenshot and how to block them it's

520

00:30:31,980 --> 00:30:28,900

scary

521

00:30:35,190 --> 00:30:31,990

I know this Facebook knows this and they

522

00:30:37,950 --> 00:30:35,200

want you to know this it's their way of

523

00:30:40,200 --> 00:30:37,960

policing all of those posts before they

524

00:30:42,540 --> 00:30:40,210

get posted it's smart really if you

525

00:30:45,210 --> 00:30:42,550

think about it remember the next time

526

00:30:48,210 --> 00:30:45,220

right that you're about to share your

527

00:30:50,520 --> 00:30:48,220

latest cat video there's a dozen fact

528

00:30:52,440 --> 00:30:50,530

check BOTS making sure you don't cross

529

00:30:55,260 --> 00:30:52,450

the line lurking in the background

530

00:30:58,320 --> 00:30:55,270

creeping I wonder how many fact check

531

00:31:00,840 --> 00:30:58,330

BOTS are following Snopes on Facebook

532

00:31:05,400 --> 00:31:00,850

right I just had an idea

533

00:31:08,640 --> 00:31:05,410

I should create a Jimmy fact checker

534

00:31:12,540 --> 00:31:08,650

account and I said follow Snopes and see

535

00:31:15,840 --> 00:31:12,550

what happens there you go I got a

536

00:31:18,060 --> 00:31:15,850

prediction though I got a prediction the

537

00:31:21,360 --> 00:31:18,070

Internet's definitive fact-checking

538

00:31:23,760 --> 00:31:21,370

resource called Snopes will block any

539

00:31:28,800 --> 00:31:23,770

fact check by following them even if

540

00:31:30,690 --> 00:31:28,810

it's me a real human seriously this is

541

00:31:32,790 --> 00:31:30,700

fade to black tonight on this program

542

00:31:35,790 --> 00:31:32,800

Gregg Housh is here we're gonna be

543

00:31:38,010 --> 00:31:35,800

discussing the latest hack that has just

544

00:31:39,780 --> 00:31:38,020

went down in New York City with an

545

00:31:42,000 --> 00:31:39,790

entertainment law firm one of the top

546

00:31:44,610 --> 00:31:42,010

entertainment law firms in the world

547

00:31:47,940 --> 00:31:44,620

they are demanding a 42 million dollar

548

00:31:48,270 --> 00:31:47,950

ransom tonight Gregg Housh this is fade

549

00:31:49,800 --> 00:31:48,280

to black

550

00:31:53,080 --> 00:31:49,810

I'm your host Jimmy Church I'll be right

551
00:32:17,760 --> 00:31:53,090
back stay with us after this short break

552
00:32:17,770 --> 00:32:24,260
[Music]

553
00:32:28,790 --> 00:32:26,750
this is Nicole Church daughter of

554
00:32:31,310 --> 00:32:28,800
you-know-who and you're listening to

555
00:32:36,020 --> 00:32:31,320
fade to black on Jimmy Church radio.com

556
00:32:41,170 --> 00:32:36,030
and the game-changer Network you're

557
00:32:41,180 --> 00:32:48,730
[Music]

558
00:32:58,310 --> 00:32:56,090
are a radio when you take the beans from

559
00:33:00,860 --> 00:32:58,320
Central America with dashes of

560
00:33:03,260 --> 00:33:00,870
indonesian and african mixed in and then

561
00:33:06,110 --> 00:33:03,270
roast it to the dark side of fade to

562
00:33:07,180 --> 00:33:06,120
black you create the ultimate brew of

563
00:33:10,160 --> 00:33:07,190

fringe

564

00:33:11,750 --> 00:33:10,170

introducing the fade to black blend from

565

00:33:14,780 --> 00:33:11,760

river moon coffee

566

00:33:17,270 --> 00:33:14,790

yes river moon's darkest customized

567

00:33:20,900 --> 00:33:17,280

roast was created for the love of

568

00:33:23,450 --> 00:33:20,910

fade to black the alchemy of masterful

569

00:33:26,690 --> 00:33:23,460

roasting and smoking the beans is in

570

00:33:30,890 --> 00:33:26,700

every sip of this full-bodied dark Java

571

00:33:32,750 --> 00:33:30,900

I need my coffee dog deep with distinct

572

00:33:35,930 --> 00:33:32,760

bittersweet chocolate highlights just

573

00:33:38,360 --> 00:33:35,940

like the bunker leaning further into the

574

00:33:41,630 --> 00:33:38,370

darkness of the roast is fade to black

575

00:33:43,310 --> 00:33:41,640

blend from river moon coffee just click

576
00:33:46,610 --> 00:33:43,320
on the banner at Jimmy Church radio.com

577
00:33:51,940 --> 00:33:46,620
and use the promo code F to B blend for

578
00:33:54,200 --> 00:33:51,950
15% off of your order today gobekli tepe

579
00:33:57,710 --> 00:33:54,210
this is Jimmy Church of fade to black

580
00:34:00,020 --> 00:33:57,720
and you can get our podcast for just \$2

581
00:34:02,540 --> 00:34:00,030
per month all you have to do is click on

582
00:34:06,350 --> 00:34:02,550
the podcast banner over at Jimmy Church

583
00:34:08,300 --> 00:34:06,360
radio.com OMG people are jumping on

584
00:34:10,940 --> 00:34:08,310
board to the life change tea regiment

585
00:34:13,310 --> 00:34:10,950
brew steep and drink for a channel

586
00:34:15,230 --> 00:34:13,320
tastes great cleanse it's changing how

587
00:34:15,710 --> 00:34:15,240
they feel see what everybody's talking

588
00:34:18,230 --> 00:34:15,720

about

589

00:34:20,840 --> 00:34:18,240

log on to get the tea calm that's get

590

00:34:22,730 --> 00:34:20,850

the tea calm life change tea AIDS and

591

00:34:25,190 --> 00:34:22,740

digestive slow down and helps people get

592

00:34:27,230 --> 00:34:25,200

moving down a healthy path we won't make

593

00:34:28,820 --> 00:34:27,240

claims we'll just let you decide

594

00:34:31,010 --> 00:34:28,830

experience is much better than a

595

00:34:33,409 --> 00:34:31,020

commercial anyway if you want results

596

00:34:35,480 --> 00:34:33,419

log on to get the tea calm and purchase

597

00:34:37,129 --> 00:34:35,490

your super strength cleansing tea you

598

00:34:37,760 --> 00:34:37,139

won't be disappointed and if you're

599

00:34:40,100 --> 00:34:37,770

looking for

600

00:34:41,810 --> 00:34:40,110

mind body suggestions go to YouTube and

601
00:34:42,290 --> 00:34:41,820
punch in the search bar health matters

602
00:34:50,870 --> 00:34:42,300
now

603
00:34:53,149 --> 00:34:50,880
that's get the tea calm for super

604
00:34:53,899 --> 00:34:53,159
strength tea and you too health matters

605
00:34:58,190 --> 00:34:53,909
now

606
00:35:01,220 --> 00:34:58,200
suggestions get the t-dot-com

607
00:35:06,710 --> 00:35:01,230
the Tita makes you go 9 out of 10

608
00:35:12,110 --> 00:35:06,720
geneticists agreed fade to black

609
00:35:16,490 --> 00:35:12,120
is not your father's radio show on the

610
00:35:20,750 --> 00:35:16,500
game changer radio network and K GRA the

611
00:35:22,610 --> 00:35:20,760
planets hi this is Rob Reiner from Apple

612
00:35:34,870 --> 00:35:22,620
and you're listening to Jimmy Church

613
00:35:49,760 --> 00:35:45,090

[Music]

614

00:35:51,800 --> 00:35:49,770

all right welcome back fade to black I'm

615

00:35:54,170 --> 00:35:51,810

your super church tonight Greg house

616

00:35:57,230 --> 00:35:54,180

tomorrow night dr. Robert M shock

617

00:35:59,570 --> 00:35:57,240

Thursday night Linda Moulton Howe what a

618

00:36:01,910 --> 00:35:59,580

great week we've got coming up big

619

00:36:04,700 --> 00:36:01,920

breaking news though going on and we had

620

00:36:06,140 --> 00:36:04,710

to bring Greg back immediately and

621

00:36:09,110 --> 00:36:06,150

tonight we're gonna discuss the recent

622

00:36:11,900 --> 00:36:09,120

hacking of the New York City law firm by

623

00:36:13,640 --> 00:36:11,910

our evil they stole secret files in

624

00:36:16,430 --> 00:36:13,650

there demanding ransom of 42 million

625

00:36:21,380 --> 00:36:16,440

dollars and threatened to reveal dirty

626

00:36:23,720 --> 00:36:21,390

laundry on Donald Trump yeah man Greg

627

00:36:28,760 --> 00:36:23,730

spent much of his teens and early 20s

628

00:36:31,190 --> 00:36:28,770

evading the FBI every time hey Greg Greg

629

00:36:34,180 --> 00:36:31,200

every time I read I read that line I

630

00:36:37,910 --> 00:36:34,190

just art laughing man early 20s

631

00:36:39,200 --> 00:36:37,920

the FBI but that says it's real it's a

632

00:36:42,200 --> 00:36:39,210

real part of your life and it's

633

00:36:48,460 --> 00:36:42,210

absolutely crazy you were involved it's

634

00:36:51,050 --> 00:36:48,470

what happened it's sort of right oh man

635

00:36:53,450 --> 00:36:51,060

you do what's next what's in front of

636

00:36:58,270 --> 00:36:53,460

you you react and that's where all of

637

00:37:02,750 --> 00:36:58,280

those accidents and mistakes he you know

638

00:37:05,180 --> 00:37:02,760

recently because of one of the craziest

639

00:37:08,740 --> 00:37:05,190

days in internet history and the history

640

00:37:11,210 --> 00:37:08,750

of the world was the day that anonymous

641

00:37:12,980 --> 00:37:11,220

global protest campaign against the

642

00:37:15,920 --> 00:37:12,990

Church of Scientology was made public

643

00:37:17,570 --> 00:37:15,930

and and you guys woke up that morning

644

00:37:22,160 --> 00:37:17,580

going well I wonder if anything's gonna

645

00:37:24,830 --> 00:37:22,170

happen right and the next thing you know

646

00:37:26,900 --> 00:37:24,840

you've got thousands of people at

647

00:37:29,480 --> 00:37:26,910

different locations around the world all

648

00:37:32,840 --> 00:37:29,490

gathering wearing the Guy Fawkes masks

649

00:37:35,780 --> 00:37:32,850

and and the to do hit the fan that day

650

00:37:39,590 --> 00:37:35,790

but check this out recently and I was

651
00:37:42,560 --> 00:37:39,600
looking up some terms some legal

652
00:37:46,790 --> 00:37:42,570
definitions in some research and in that

653
00:37:50,240 --> 00:37:46,800
I saw that the Church of Scientology is

654
00:37:52,820 --> 00:37:50,250
no longer allowed to bring or to use the

655
00:37:55,340 --> 00:37:52,830
court system right they can't do it they

656
00:37:57,210 --> 00:37:55,350
can't they because they attacked and use

657
00:37:59,550 --> 00:37:57,220
the court system to

658
00:38:03,510 --> 00:37:59,560
bring down and vendetta on people that

659
00:38:05,190 --> 00:38:03,520
they didn't like that now of any lawsuit

660
00:38:08,099 --> 00:38:05,200
or anything that they do has to be

661
00:38:11,370 --> 00:38:08,109
approved by the courts before they could

662
00:38:13,080 --> 00:38:11,380
take a step forward and not many lawyers

663
00:38:15,480 --> 00:38:13,090

want to represent them anymore because

664

00:38:19,470 --> 00:38:15,490

of this classification that they've been

665

00:38:22,859 --> 00:38:19,480

labeled on and I would say that all of

666

00:38:25,470 --> 00:38:22,869

that is largely in part to what went

667

00:38:27,270 --> 00:38:25,480

down back in 2008 man and you're

668

00:38:30,089 --> 00:38:27,280

responsible you're not you're

669

00:38:32,010 --> 00:38:30,099

responsible but you played a part in

670

00:38:34,170 --> 00:38:32,020

that and that's got to make you feel

671

00:38:36,420 --> 00:38:34,180

pretty good you know what I mean

672

00:38:38,580 --> 00:38:36,430

it does it does it's always weird

673

00:38:41,430 --> 00:38:38,590

looking back at that stuff and seeing

674

00:38:44,430 --> 00:38:41,440

the part I played because I know just

675

00:38:46,140 --> 00:38:44,440

how nothing we thought it was going to

676
00:38:48,359 --> 00:38:46,150
be how big of a joke we thought we were

677
00:38:51,000 --> 00:38:48,369
playing for that week right right then

678
00:38:53,310 --> 00:38:51,010
and then I know the ramifications I know

679
00:38:55,170 --> 00:38:53,320
what happened and I know how we felt

680
00:38:57,330 --> 00:38:55,180
afterward and then what actions we took

681
00:38:59,220 --> 00:38:57,340
that led to all of this and like so I

682
00:39:00,690 --> 00:38:59,230
you know from the inside it's way

683
00:39:02,070 --> 00:39:00,700
different than from the outside you

684
00:39:04,530 --> 00:39:02,080
could almost look at that as an

685
00:39:07,500 --> 00:39:04,540
unbelievably well planned attack that

686
00:39:09,690 --> 00:39:07,510
took down this behemoth of a know it

687
00:39:12,030 --> 00:39:09,700
like we made some well just a lot of

688
00:39:14,130 --> 00:39:12,040

mistakes and miscalculations that led us

689

00:39:16,770 --> 00:39:14,140

into a much bigger thing than we had

690

00:39:18,690 --> 00:39:16,780

ever planned them being in and got very

691

00:39:21,000 --> 00:39:18,700

lucky that our decisions that we made

692

00:39:23,160 --> 00:39:21,010

along the way as all those accidents

693

00:39:25,560 --> 00:39:23,170

fell on our head happened to be the

694

00:39:25,950 --> 00:39:25,570

right ones to you know get us where we

695

00:39:28,680 --> 00:39:25,960

are now

696

00:39:33,420 --> 00:39:28,690

all because of it if you think about it

697

00:39:36,150 --> 00:39:33,430

lulz it was hilarious we right to make

698

00:39:39,530 --> 00:39:36,160

we wanted Scientology to believe that

699

00:39:42,180 --> 00:39:39,540

the Internet itself like some ominous

700

00:39:47,430 --> 00:39:42,190

anthropomorphic kind of a character the

701
00:39:53,520 --> 00:39:47,440
Internet was after them they only knew

702
00:39:56,550 --> 00:39:53,530
right ok it has enough time passed with

703
00:39:58,829 --> 00:39:56,560
all of this that the statute of

704
00:40:02,520 --> 00:39:58,839
limitations on pizza deliveries has

705
00:40:04,650 --> 00:40:02,530
expired I mean on a fair amount of what

706
00:40:07,020 --> 00:40:04,660
happened back then yeah the statute is

707
00:40:08,970 --> 00:40:07,030
off so you can admit then that maybe

708
00:40:09,989 --> 00:40:08,980
delivered a couple hundred pizzas to

709
00:40:15,659 --> 00:40:09,999
Scientology

710
00:40:18,239 --> 00:40:15,669
I didn't deliver any pizza some other

711
00:40:20,069 --> 00:40:18,249
people might have done that one I did my

712
00:40:20,819 --> 00:40:20,079
fair share of fun stuff yeah absolutely

713
00:40:24,359 --> 00:40:20,829

man

714

00:40:26,279 --> 00:40:24,369

absolutely and we're in such a debt to

715

00:40:29,099 --> 00:40:26,289

you and and all of your friends men you

716

00:40:31,259 --> 00:40:29,109

have no idea love talking about it and I

717

00:40:35,669 --> 00:40:31,269

don't know if you listened to my rant

718

00:40:38,519 --> 00:40:35,679

today but going back to our conversation

719

00:40:42,659 --> 00:40:38,529

that we had a few weeks ago here on fade

720

00:40:46,229 --> 00:40:42,669

to black you took the opportunity to

721

00:40:48,509 --> 00:40:46,239

just absolutely my brain when we started

722

00:40:51,689 --> 00:40:48,519

to talk about fake Twitter accounts and

723

00:40:54,389 --> 00:40:51,699

and the ability to do that via software

724

00:40:56,069 --> 00:40:54,399

and and where that conversation yeah

725

00:40:59,699 --> 00:40:56,079

yeah yeah and where that conversation

726

00:41:02,819 --> 00:40:59,709

took us that night but then after that

727

00:41:04,409 --> 00:41:02,829

really it's weird how everything in the

728

00:41:07,679 --> 00:41:04,419

universe is duality man

729

00:41:11,309 --> 00:41:07,689

it's everything happens in pairs and you

730

00:41:12,599 --> 00:41:11,319

just have to be a wide awake to notice

731

00:41:16,369 --> 00:41:12,609

that when it happens because right after

732

00:41:20,639 --> 00:41:16,379

that conversation this flurry of

733

00:41:24,089 --> 00:41:20,649

activities surfaced on Facebook and I

734

00:41:26,129 --> 00:41:24,099

ignored it I saw it all but it was

735

00:41:29,789 --> 00:41:26,139

talking about these fact-checking BOTS

736

00:41:31,619 --> 00:41:29,799

and and everybody retweeting go and and

737

00:41:34,529 --> 00:41:31,629

get into your security go to blocking

738

00:41:36,149 --> 00:41:34,539

search these keywords and and look at

739

00:41:38,309 --> 00:41:36,159

these bots that are there and start

740

00:41:41,399 --> 00:41:38,319

blocking them and deleting them right so

741

00:41:45,779 --> 00:41:41,409

when I see it's all over the place I

742

00:41:48,599 --> 00:41:45,789

ignored it and today I was like okay

743

00:41:50,999 --> 00:41:48,609

alright you know I get another message

744

00:41:53,279 --> 00:41:51,009

from you know a personal friend going

745

00:41:55,589 --> 00:41:53,289

you know a personal message going to me

746

00:41:57,989 --> 00:41:55,599

this is is actually pretty real you need

747

00:42:02,429 --> 00:41:57,999

to go and check this out so I did today

748

00:42:06,719 --> 00:42:02,439

and and I jumped in and I was shocked

749

00:42:08,729 --> 00:42:06,729

Greg I was shocked to see how many and

750

00:42:13,379 --> 00:42:08,739

and they don't even hide their names

751
00:42:17,489 --> 00:42:13,389
right these BOTS Facebook fact-checking

752
00:42:20,129 --> 00:42:17,499
bots it's what it's called or variations

753
00:42:21,660 --> 00:42:20,139
of that and and I had about a half a

754
00:42:23,520 --> 00:42:21,670
dozen of those and

755
00:42:25,230 --> 00:42:23,530
and I blocked them and then got a couple

756
00:42:27,480 --> 00:42:25,240
of new ones as soon as those were

757
00:42:30,599 --> 00:42:27,490
blocked and then I started searching

758
00:42:35,609 --> 00:42:30,609
other names you know a facebook checker

759
00:42:39,000 --> 00:42:35,619
Facebook check FB check checker and I

760
00:42:40,680 --> 00:42:39,010
turns out as you can imagine I know I'm

761
00:42:43,230 --> 00:42:40,690
not surprising you but I'm literally

762
00:42:49,470 --> 00:42:43,240
followed by a thousand people named a

763
00:42:51,839 --> 00:42:49,480

checker where did this you know and and

764

00:42:53,520 --> 00:42:51,849

the other bizarre part about this and

765

00:42:55,620 --> 00:42:53,530

again I'm not telling you anything that

766

00:42:57,960 --> 00:42:55,630

you don't already know but when you get

767

00:43:01,140 --> 00:42:57,970

facebook notifications about a follower

768

00:43:03,539 --> 00:43:01,150

it pops up right Jane Doe is now

769

00:43:06,390 --> 00:43:03,549

following you on facebook right Steve

770

00:43:08,789 --> 00:43:06,400

Jones is now following you on facebook

771

00:43:12,120 --> 00:43:08,799

and and you get those but I never got a

772

00:43:14,010 --> 00:43:12,130

notification about Facebook fact-checker

773

00:43:17,400 --> 00:43:14,020

is now following you on facebook you

774

00:43:20,099 --> 00:43:17,410

don't get that notification and I was I

775

00:43:22,200 --> 00:43:20,109

was shocked I hadn't I had no clue that

776

00:43:24,839 --> 00:43:22,210

this was going on you can assume it's

777

00:43:28,770 --> 00:43:24,849

going on to some degree right of course

778

00:43:31,980 --> 00:43:28,780

but is it necessary to have a thousand

779

00:43:33,569 --> 00:43:31,990

face checking BOTS and people following

780

00:43:36,870 --> 00:43:33,579

somebody like me that's never even been

781

00:43:39,329 --> 00:43:36,880

in facebook jail why did they do it

782

00:43:40,859 --> 00:43:39,339

I mean data's money though the more

783

00:43:43,260 --> 00:43:40,869

people they follow the more stuff they

784

00:43:46,380 --> 00:43:43,270

can learn the more they can aggregate

785

00:43:49,589 --> 00:43:46,390

into datasets that do fun things train

786

00:43:51,870 --> 00:43:49,599

machine learning like sell the data at

787

00:43:55,109 --> 00:43:51,880

other people I mean it's just it's it's

788

00:43:59,220 --> 00:43:55,119

it's all about data at that point is the

789

00:44:02,670 --> 00:43:59,230

is the process in doing this because

790

00:44:04,079 --> 00:44:02,680

Facebook is private you know some degree

791

00:44:06,780 --> 00:44:04,089

I mean it's a publicly traded company

792

00:44:10,589 --> 00:44:06,790

but it's not a officially a government

793

00:44:17,809 --> 00:44:10,599

or an organisation yet but is this is

794

00:44:20,579 --> 00:44:17,819

this kind of monitoring legal you know

795

00:44:22,859 --> 00:44:20,589

it's one of those really gray areas

796

00:44:25,980 --> 00:44:22,869

where you've agreed to a Terms of

797

00:44:28,380 --> 00:44:25,990

Service that Facebook will do XY and Z

798

00:44:29,940 --> 00:44:28,390

and then they've agreed to a Terms of

799

00:44:31,829 --> 00:44:29,950

Service you know the other say user

800

00:44:34,140 --> 00:44:31,839

who's now following you that says

801
00:44:35,280 --> 00:44:34,150
Facebook will do XY and Z you both have

802
00:44:36,960 --> 00:44:35,290
agreed to what you

803
00:44:40,890 --> 00:44:36,970
will do and what you're allowed to do

804
00:44:43,080 --> 00:44:40,900
and some of their actions fall well

805
00:44:45,690 --> 00:44:43,090
within the Terms of Service and some do

806
00:44:47,880 --> 00:44:45,700
not illegal that's the big question

807
00:44:50,190 --> 00:44:47,890
because is violating a Terms of Service

808
00:44:52,140 --> 00:44:50,200
that you might not have read illegal

809
00:44:54,300 --> 00:44:52,150
that has been tried in court a few

810
00:44:56,730 --> 00:44:54,310
different times and the problem we've

811
00:44:58,350 --> 00:44:56,740
run into is the cases have always ended

812
00:45:00,300 --> 00:44:58,360
up being settled on a completely

813
00:45:03,420 --> 00:45:00,310

different point than that and so we've

814

00:45:05,940 --> 00:45:03,430

never gotten a definitive answer to you

815

00:45:09,600 --> 00:45:05,950

know just just how strong that that Tos

816

00:45:14,940 --> 00:45:09,610

is yeah the Terms of Service I would say

817

00:45:17,370 --> 00:45:14,950

any argument laid out in court by any it

818

00:45:19,290 --> 00:45:17,380

could be the plaintiff or a defense

819

00:45:21,990 --> 00:45:19,300

attorneys gonna say the exact same thing

820

00:45:24,720 --> 00:45:22,000

and everybody understands it that nobody

821

00:45:27,450 --> 00:45:24,730

reads a tos they can there's a little

822

00:45:29,370 --> 00:45:27,460

South Park joke about it yeah yeah oh

823

00:45:33,720 --> 00:45:29,380

and yes that's right

824

00:45:37,080 --> 00:45:33,730

and the reason is everybody knows that

825

00:45:40,380 --> 00:45:37,090

they have made the type so small the

826

00:45:44,040 --> 00:45:40,390

legalese and boilerplate stuff so long

827

00:45:46,350 --> 00:45:44,050

that nobody is ever going to read it

828

00:45:48,090 --> 00:45:46,360

therefore they can bury anything in that

829

00:45:50,730 --> 00:45:48,100

Terms of Service that they want to

830

00:45:53,310 --> 00:45:50,740

you're gonna sign it you're gonna click

831

00:45:55,920 --> 00:45:53,320

because you want whatever it is that

832

00:45:59,070 --> 00:45:55,930

they have whether it's software it's a

833

00:46:00,600 --> 00:45:59,080

platform whatever that TOS is you need

834

00:46:02,940 --> 00:46:00,610

it you're gonna click and you're just

835

00:46:05,700 --> 00:46:02,950

assuming that you're in the clear if

836

00:46:08,580 --> 00:46:05,710

anything rises in a legal sense later

837

00:46:11,160 --> 00:46:08,590

they they will always say well you you

838

00:46:13,770 --> 00:46:11,170

agreed to the Terms of Service but

839

00:46:17,220 --> 00:46:13,780

everybody knows that nobody reads a term

840

00:46:19,910 --> 00:46:17,230

of service right and it's like this

841

00:46:22,320 --> 00:46:19,920

conundrum that we find ourselves in I

842

00:46:24,390 --> 00:46:22,330

mean every time I see any kind of a

843

00:46:26,100 --> 00:46:24,400

Terms of Service window or do you agree

844

00:46:28,950 --> 00:46:26,110

to this on software window

845

00:46:30,330 --> 00:46:28,960

I literally just glanced at it so I can

846

00:46:32,070 --> 00:46:30,340

find the button I've got a click and

847

00:46:34,560 --> 00:46:32,080

jokingly say yep you can have it

848

00:46:37,800 --> 00:46:34,570

that's it whatever it is they want click

849

00:46:39,150 --> 00:46:37,810

hey guys I'm not reading that's three

850

00:46:40,530 --> 00:46:39,160

days worth of reading to figure out

851
00:46:41,370 --> 00:46:40,540
whether I'm installing this software or

852
00:46:43,440 --> 00:46:41,380
not no thank you

853
00:46:45,750 --> 00:46:43,450
yeah that's right it could say something

854
00:46:47,210 --> 00:46:45,760
like and if you don't pay your five

855
00:46:51,070 --> 00:46:47,220
dollars and 99

856
00:46:55,609 --> 00:46:51,080
cents on time we will take your house

857
00:46:57,500 --> 00:46:55,619
could nobody would ever know right yeah

858
00:46:59,030 --> 00:46:57,510
and then we just don't know how strongly

859
00:47:00,859 --> 00:46:59,040
they actually hold up in court there's

860
00:47:02,810 --> 00:47:00,869
been a few cases where certain

861
00:47:05,480 --> 00:47:02,820
information in them has worked out in in

862
00:47:08,150 --> 00:47:05,490
the favor of the the company but overall

863
00:47:09,320 --> 00:47:08,160

we don't have a strong precedent set yet

864

00:47:11,839 --> 00:47:09,330

you know all the way up to the Supreme

865

00:47:14,420 --> 00:47:11,849

Court on just how enforceable in terms

866

00:47:16,940 --> 00:47:14,430

of services especially based on how it's

867

00:47:19,370 --> 00:47:16,950

presented like if your website just in a

868

00:47:21,109 --> 00:47:19,380

little pop-up says we have one and you

869

00:47:23,120 --> 00:47:21,119

should read it and then you know lets

870

00:47:26,030 --> 00:47:23,130

you in does that count as you agreeing

871

00:47:27,620 --> 00:47:26,040

to it or did you have to scroll all the

872

00:47:29,450 --> 00:47:27,630

way to the bottom before the button

873

00:47:31,520 --> 00:47:29,460

appeared you know that we don't have a

874

00:47:34,220 --> 00:47:31,530

strong precedent as to what that means

875

00:47:35,900 --> 00:47:34,230

you know there's nothing like say gdpr

876

00:47:38,089 --> 00:47:35,910

is over in europe where they're

877

00:47:40,490 --> 00:47:38,099

controlling how cookies work right where

878

00:47:41,930 --> 00:47:40,500

you have to ask people in a certain way

879

00:47:43,760 --> 00:47:41,940

before we believe you got their

880

00:47:46,370 --> 00:47:43,770

permission in terms of services don't

881

00:47:48,440 --> 00:47:46,380

work that way and so it'll be really

882

00:47:50,180 --> 00:47:48,450

interesting when a when a real Supreme

883

00:47:52,579 --> 00:47:50,190

Court case actually happens that

884

00:47:54,290 --> 00:47:52,589

actually talks about how they have to

885

00:47:56,839 --> 00:47:54,300

show it to you how they have to prove

886

00:47:58,250 --> 00:47:56,849

that you saw it or it's on your head

887

00:48:00,260 --> 00:47:58,260

because you didn't read it and go find

888

00:48:03,370 --> 00:48:00,270

it yourself and there was a very

889

00:48:06,700 --> 00:48:03,380

exciting thing that happened with the EU

890

00:48:09,560 --> 00:48:06,710

last year with the way that websites

891

00:48:11,000 --> 00:48:09,570

represented themselves for a lot of

892

00:48:14,839 --> 00:48:11,010

different reasons we don't need to go

893

00:48:17,630 --> 00:48:14,849

into those details but the EU stressed

894

00:48:20,300 --> 00:48:17,640

and this involved everybody from

895

00:48:24,050 --> 00:48:20,310

Facebook on down every if you had a

896

00:48:27,650 --> 00:48:24,060

website on the web you had to comply

897

00:48:30,740 --> 00:48:27,660

with this new EU ruling and if you're a

898

00:48:33,079 --> 00:48:30,750

website like say fade to black that is

899

00:48:35,089 --> 00:48:33,089

seen around the world and it's not

900

00:48:36,920 --> 00:48:35,099

limited and everything is seen around

901
00:48:39,339 --> 00:48:36,930
the world and if somebody in Europe is

902
00:48:44,480 --> 00:48:39,349
clicking on your website you are now

903
00:48:46,280 --> 00:48:44,490
forced into complying well that was

904
00:48:48,859 --> 00:48:46,290
exciting at the time that's you know the

905
00:48:51,440 --> 00:48:48,869
EU was taking this initiative but what

906
00:48:53,930 --> 00:48:51,450
it forced everybody to do is to rewrite

907
00:48:57,370 --> 00:48:53,940
their Terms of Service so

908
00:49:00,589 --> 00:48:57,380
everybody right and so all of these new

909
00:49:04,309 --> 00:49:00,599
versions of Terms of Service went out

910
00:49:10,009 --> 00:49:04,319
to comply with his regulation and nobody

911
00:49:12,499 --> 00:49:10,019
read it no billions of clicks on tos

912
00:49:14,989 --> 00:49:12,509
--is that wasn't reviewed by one single

913
00:49:18,049 --> 00:49:14,999

user and I can guarantee that but a

914

00:49:20,209 --> 00:49:18,059

bunch of people did see more of those do

915

00:49:21,799 --> 00:49:20,219

you accept our cookies notices yep

916

00:49:24,559 --> 00:49:21,809

yep but they just click on the button

917

00:49:27,859 --> 00:49:24,569

without even reading hey I deny cookies

918

00:49:29,959 --> 00:49:27,869

every time I deny you're a very small

919

00:49:30,109 --> 00:49:29,969

percentage of people I divide them every

920

00:49:32,089 --> 00:49:30,119

day

921

00:49:35,120 --> 00:49:32,099

it never stops the website from running

922

00:49:36,589 --> 00:49:35,130

so oh no and it usually in the end I

923

00:49:38,449 --> 00:49:36,599

mean half of those tools don't even work

924

00:49:40,069 --> 00:49:38,459

in you know the cookies come right

925

00:49:41,749 --> 00:49:40,079

through and you could run other tools

926
00:49:44,089 --> 00:49:41,759
like heck you could run brave browser

927
00:49:45,589 --> 00:49:44,099
which is so awesome that it blocks all

928
00:49:47,719 --> 00:49:45,599
of the tracking and ads and everything

929
00:49:49,249 --> 00:49:47,729
on every website only of course to

930
00:49:56,209 --> 00:49:49,259
inject all of its own tracking in ads

931
00:49:59,870 --> 00:49:56,219
yeah sure oh man yeah totally totally

932
00:50:03,829 --> 00:49:59,880
totally and now you know today this this

933
00:50:06,380 --> 00:50:03,839
hacking of easyJet which which popped up

934
00:50:09,140 --> 00:50:06,390
and going back to what we're going to be

935
00:50:10,549 --> 00:50:09,150
talking about tonight which is this

936
00:50:12,199 --> 00:50:10,559
entertainment law firm out of New York

937
00:50:17,959 --> 00:50:12,209
will get all of that at the top of the

938
00:50:22,189 --> 00:50:17,969

hour but isn't isn't it the accepted

939

00:50:25,069 --> 00:50:22,199

Internet 101 rule number one today that

940

00:50:29,299 --> 00:50:25,079

everybody should be understanding which

941

00:50:33,309 --> 00:50:29,309

is never click on a link right never

942

00:50:35,749 --> 00:50:33,319

click nap when is a when is it a good

943

00:50:39,499 --> 00:50:35,759

acceptable time to click on a link that

944

00:50:41,059 --> 00:50:39,509

somebody has sent you Greg when you know

945

00:50:42,979 --> 00:50:41,069

you've got the right security software

946

00:50:47,029 --> 00:50:42,989

running you know the domain that it's

947

00:50:49,069 --> 00:50:47,039

going to and you have copied the link

948

00:50:51,289 --> 00:50:49,079

not just clicked on it but copied it out

949

00:50:53,449 --> 00:50:51,299

and pasted it in and not pasted it and

950

00:50:54,829 --> 00:50:53,459

just instantly it enter but paste it in

951
00:50:56,659 --> 00:50:54,839
to make sure that it's not some crazy

952
00:50:58,219 --> 00:50:56,669
formatted one that's gonna send you off

953
00:51:00,049 --> 00:50:58,229
because you know one of my favorite

954
00:51:02,419 --> 00:51:00,059
hacks I ever saw in terms of like

955
00:51:05,569 --> 00:51:02,429
getting people to follow links was there

956
00:51:08,349 --> 00:51:05,579
was a URL on Microsoft comm where if you

957
00:51:13,370 --> 00:51:08,359
form this URL by typing in Microsoft com

958
00:51:14,210 --> 00:51:13,380
/r e dir dot JSP slash and then some

959
00:51:16,430 --> 00:51:14,220
other domain name

960
00:51:17,900 --> 00:51:16,440
you would visit it and it looks like

961
00:51:20,300 --> 00:51:17,910
you're going to Microsoft comm because

962
00:51:23,450 --> 00:51:20,310
you are what Microsoft would instantly

963
00:51:24,890 --> 00:51:23,460

redirect you to that other website so

964

00:51:26,630 --> 00:51:24,900

people would send you these Microsoft

965

00:51:28,040 --> 00:51:26,640

comm links and you'd think oh it's

966

00:51:30,950 --> 00:51:28,050

Microsoft I can click on that it's safe

967

00:51:33,020 --> 00:51:30,960

no it's not read the whole link that's

968

00:51:36,220 --> 00:51:33,030

right now how many people do what you

969

00:51:39,620 --> 00:51:36,230

just said I mean most don't know

970

00:51:42,440 --> 00:51:39,630

nobody's attacks work right and and so

971

00:51:45,500 --> 00:51:42,450

the rule of thumb is you know you get an

972

00:51:48,230 --> 00:51:45,510

email with a link in it no matter who it

973

00:51:51,140 --> 00:51:48,240

is what it is what the company is never

974

00:51:52,910 --> 00:51:51,150

click on it right just just unless you

975

00:51:55,580 --> 00:51:52,920

asked for it like if you asked for a

976
00:51:57,320 --> 00:51:55,590
password reset and then it shows up copy

977
00:51:59,870 --> 00:51:57,330
it paste it in make sure that looks

978
00:52:01,820 --> 00:51:59,880
legit and then click you know the hit

979
00:52:03,200 --> 00:52:01,830
the enter button whatever but like you

980
00:52:04,910 --> 00:52:03,210
know if you didn't ask for it and you

981
00:52:06,109 --> 00:52:04,920
get a password reset button don't think

982
00:52:08,690 --> 00:52:06,119
oh I need to visit that website I'm

983
00:52:10,339 --> 00:52:08,700
gonna click the link no no go type it in

984
00:52:10,670 --> 00:52:10,349
and go reset your password just to be

985
00:52:14,630 --> 00:52:10,680
safe

986
00:52:20,450 --> 00:52:14,640
yeah I recently I took the initiative

987
00:52:24,770 --> 00:52:20,460
all right I get a paypal email asking

988
00:52:26,750 --> 00:52:24,780

for a couple of specific things and two

989

00:52:31,220 --> 00:52:26,760

I don't want to get into the details of

990

00:52:33,440 --> 00:52:31,230

it but to to click on this well I was in

991

00:52:35,839 --> 00:52:33,450

the middle of something with PayPal like

992

00:52:38,710 --> 00:52:35,849

the week before and I thought it was

993

00:52:42,349 --> 00:52:38,720

related right and I just looked at it

994

00:52:45,950 --> 00:52:42,359

really really closely and it was like to

995

00:52:48,740 --> 00:52:45,960

paypal.com and and and I looked at it

996

00:52:52,160 --> 00:52:48,750

and then it just didn't seem quite right

997

00:52:54,670 --> 00:52:52,170

and it turns out I went to paypal.com

998

00:52:58,910 --> 00:52:54,680

and I looked at a couple of things and

999

00:53:01,099 --> 00:52:58,920

realized it was a phishing email I turn

1000

00:53:03,020 --> 00:53:01,109

around and contacted PayPal they wrote

1001
00:53:05,120 --> 00:53:03,030
me back and said could you please just

1002
00:53:07,910 --> 00:53:05,130
send us the link and we want to stay on

1003
00:53:09,710 --> 00:53:07,920
top of this and I did and and I sent

1004
00:53:12,560 --> 00:53:09,720
them the links and I sent them the

1005
00:53:16,010 --> 00:53:12,570
actual email itself they wrote me back

1006
00:53:19,130 --> 00:53:16,020
and said thank you that people do this

1007
00:53:24,680 --> 00:53:19,140
all the time or they mimic our site and

1008
00:53:26,660 --> 00:53:24,690
they mimic the paypal.com address but

1009
00:53:29,630 --> 00:53:26,670
there's always another tag on it that

1010
00:53:30,710 --> 00:53:29,640
doesn't make it paypal.com very very

1011
00:53:36,470 --> 00:53:30,720
well done

1012
00:53:38,540 --> 00:53:36,480
ingenious how how now in anybody else

1013
00:53:40,640 --> 00:53:38,550

that would have seen this definitely

1014

00:53:44,510 --> 00:53:40,650

would have clicked I mean I just got I

1015

00:53:46,940 --> 00:53:44,520

can guarantee the gazhams did yeah and

1016

00:53:49,370 --> 00:53:46,950

the stuff is so easy and cheap for them

1017

00:53:51,500 --> 00:53:49,380

to do at this point that I mean that's

1018

00:53:54,950 --> 00:53:51,510

actually one of the funnier things about

1019

00:53:59,030 --> 00:53:54,960

what's happening right now with the the

1020

00:54:01,790 --> 00:53:59,040

are evil attack its how simple of an

1021

00:54:03,410 --> 00:54:01,800

attack it actually is now we're gonna

1022

00:54:10,820 --> 00:54:03,420

talk about this when we come back from

1023

00:54:15,579 --> 00:54:10,830

the break and was this initiated because

1024

00:54:18,410 --> 00:54:15,589

they they also they also hit a

1025

00:54:19,490 --> 00:54:18,420

london-based foreign currency dealer

1026

00:54:21,680 --> 00:54:19,500

called Travelex

1027

00:54:24,320 --> 00:54:21,690

and they asked for six million dollars

1028

00:54:26,120 --> 00:54:24,330

and this was last year and they

1029

00:54:28,670 --> 00:54:26,130

threatened to delete customer data and

1030

00:54:31,940 --> 00:54:28,680

you know the normal stuff and and they

1031

00:54:36,410 --> 00:54:31,950

wanted six million Travelex paid 2.3

1032

00:54:39,230 --> 00:54:36,420

million of the ransom and and they ended

1033

00:54:41,540 --> 00:54:39,240

up keeping their services offline for

1034

00:54:46,730 --> 00:54:41,550

several weeks and then Travelex caved in

1035

00:54:51,680 --> 00:54:46,740

right but was was this stuff the result

1036

00:54:53,660 --> 00:54:51,690

of a hack or was it you know a phishing

1037

00:54:57,260 --> 00:54:53,670

email that came in and somebody clicked

1038

00:55:00,230 --> 00:54:57,270

on on the link inside of the email it

1039

00:55:04,280 --> 00:55:00,240

could absolutely be both and I will

1040

00:55:05,870 --> 00:55:04,290

explain that well okay because this one

1041

00:55:06,710 --> 00:55:05,880

could be both and I'll explain why I'm

1042

00:55:08,630 --> 00:55:06,720

saying it that way

1043

00:55:11,420 --> 00:55:08,640

okay and we'll do that after the break

1044

00:55:13,609 --> 00:55:11,430

and then there was another situation I

1045

00:55:15,470 --> 00:55:13,619

want to stay on top of this because of

1046

00:55:17,990 --> 00:55:15,480

clear way did this this isn't the only

1047

00:55:21,290 --> 00:55:18,000

two that this malware and this team have

1048

00:55:23,420 --> 00:55:21,300

actually done this many times and this

1049

00:55:26,420 --> 00:55:23,430

is a rebrand of another piece of malware

1050

00:55:28,670 --> 00:55:26,430

that puts the actual length of lifetime

1051
00:55:31,490 --> 00:55:28,680
of just this malware and and the people

1052
00:55:34,570 --> 00:55:31,500
using it for this specific course of

1053
00:55:37,440 --> 00:55:34,580
action all the way back to early 2018

1054
00:55:39,610 --> 00:55:37,450
and the first group that did it retired

1055
00:55:43,600 --> 00:55:39,620
after they had hit about two billion

1056
00:55:49,060 --> 00:55:43,610
dollars made now do you remember the

1057
00:55:53,500 --> 00:55:49,070
series of towns and civic centers in in

1058
00:55:57,790 --> 00:55:53,510
the southeast and hospitals schools

1059
00:55:59,920 --> 00:55:57,800
school systems that were hit and all of

1060
00:56:02,650 --> 00:55:59,930
it was initiated through malware wasn't

1061
00:56:07,180 --> 00:56:02,660
it it was emails that were sent to the

1062
00:56:10,000 --> 00:56:07,190
the local government yeah almost all of

1063
00:56:13,360 --> 00:56:10,010

that was fishing and all of that was the

1064

00:56:16,240 --> 00:56:13,370

exact same software just older versions

1065

00:56:19,590 --> 00:56:16,250

of of the same tool now I'm source code

1066

00:56:24,100 --> 00:56:19,600

based and everything now these tools

1067

00:56:25,450 --> 00:56:24,110

they're for sale aren't they ah you know

1068

00:56:30,220 --> 00:56:25,460

it's interesting they're not really for

1069

00:56:33,250 --> 00:56:30,230

sale in terms of you can buy our evil or

1070

00:56:35,860 --> 00:56:33,260

the earlier version sea and crab or can

1071

00:56:38,410 --> 00:56:35,870

crab or can crab they many variations of

1072

00:56:40,630 --> 00:56:38,420

how you say it but what they are is

1073

00:56:43,570 --> 00:56:40,640

they're actually run as a service so

1074

00:56:46,060 --> 00:56:43,580

this is called ransomware as a service

1075

00:56:48,010 --> 00:56:46,070

you literally sign up as they called

1076
00:56:49,660 --> 00:56:48,020
them affiliates but you sign up and you

1077
00:56:51,190 --> 00:56:49,670
get access to this dashboard as if

1078
00:56:53,560 --> 00:56:51,200
you've signed up to some other service

1079
00:56:54,520 --> 00:56:53,570
online like I don't know Trello or some

1080
00:56:56,970 --> 00:56:54,530
other service where you're playing

1081
00:56:59,590 --> 00:56:56,980
around in a really pretty dashboard and

1082
00:57:01,480 --> 00:56:59,600
it gives you all the tools you need to

1083
00:57:03,490 --> 00:57:01,490
play with to infect people to target

1084
00:57:05,860 --> 00:57:03,500
people you can feed it email lists you

1085
00:57:07,870 --> 00:57:05,870
can feed it IP addresses of networks you

1086
00:57:11,110 --> 00:57:07,880
want to try you can you can do all kinds

1087
00:57:13,120 --> 00:57:11,120
of stuff and on this one

1088
00:57:15,250 --> 00:57:13,130

the affiliates have some choices on how

1089

00:57:16,780 --> 00:57:15,260

the money is processed they can put in

1090

00:57:18,550 --> 00:57:16,790

their own processing details and have a

1091

00:57:21,160 --> 00:57:18,560

process through say their own hacked

1092

00:57:23,140 --> 00:57:21,170

merchants accounts but the way that most

1093

00:57:27,400 --> 00:57:23,150

people use this tool is you sign up as

1094

00:57:29,800 --> 00:57:27,410

an affiliate and then they are evil team

1095

00:57:32,290 --> 00:57:29,810

actually all the money's processed

1096

00:57:34,750 --> 00:57:32,300

through them and they're hacking system

1097

00:57:37,240 --> 00:57:34,760

and their processing system and then

1098

00:57:40,450 --> 00:57:37,250

they take their percentage and hand you

1099

00:57:43,230 --> 00:57:40,460

your take so literally you're just using

1100

00:57:47,050 --> 00:57:43,240

a service a cloud provider of ransomware

1101
00:57:47,800 --> 00:57:47,060
that's absolutely insane to me ya know

1102
00:57:49,510 --> 00:57:47,810
you don't have

1103
00:57:50,860 --> 00:57:49,520
be a programmer to do it either you when

1104
00:57:52,780 --> 00:57:50,870
you log into the backend of this thing

1105
00:57:54,700 --> 00:57:52,790
you're literally is uploading lists and

1106
00:57:56,470 --> 00:57:54,710
playing with a really simple to use

1107
00:58:02,590 --> 00:57:56,480
system I mean it's it's as easy to use

1108
00:58:05,770 --> 00:58:02,600
as notepad the know it ain't no pad the

1109
00:58:08,650 --> 00:58:05,780
basic of the basic basics basics that's

1110
00:58:10,780 --> 00:58:08,660
why he's no pad by the way you copy and

1111
00:58:12,820 --> 00:58:10,790
paste a list of emails out of notepad

1112
00:58:20,440 --> 00:58:12,830
and can you hit the button that says

1113
00:58:23,260 --> 00:58:20,450

send and yeah you win and what what what

1114

00:58:27,070 --> 00:58:23,270

do you think no I know I know what do

1115

00:58:30,400 --> 00:58:27,080

you think the age range the demographic

1116

00:58:33,040 --> 00:58:30,410

of the users of this is is it somebody

1117

00:58:36,490 --> 00:58:33,050

that is you know in their 30s and 40s

1118

00:58:39,070 --> 00:58:36,500

and 50s that have hopefully matured and

1119

00:58:42,280 --> 00:58:39,080

wouldn't do anything like this is it a

1120

00:58:45,250 --> 00:58:42,290

younger demographic that quite hasn't

1121

00:58:48,400 --> 00:58:45,260

learned life life's lessons on how to be

1122

00:58:51,970 --> 00:58:48,410

a responsible person you know there's a

1123

00:58:55,240 --> 00:58:51,980

direct correlation to how scared you

1124

00:58:58,570 --> 00:58:55,250

actually are of the law force nearest

1125

00:59:00,280 --> 00:58:58,580

you catching you or doing anything about

1126
00:59:02,830 --> 00:59:00,290
it or how corrupt you think they might

1127
00:59:04,720 --> 00:59:02,840
be saved bribe herbal to the age the

1128
00:59:07,120 --> 00:59:04,730
average age of that person so like in

1129
00:59:08,500 --> 00:59:07,130
America usually the average age of

1130
00:59:11,380 --> 00:59:08,510
people who would actually try and do

1131
00:59:14,350 --> 00:59:11,390
this and somehow still live here you're

1132
00:59:16,570 --> 00:59:14,360
looking at you know teens early twenties

1133
00:59:17,890 --> 00:59:16,580
it the latest they get involved maybe

1134
00:59:19,840 --> 00:59:17,900
they still keep going for a couple years

1135
00:59:22,300 --> 00:59:19,850
because they're so profitable but it's

1136
00:59:25,480 --> 00:59:22,310
really youth oriented here because you

1137
00:59:28,060 --> 00:59:25,490
kind of gotta be brazen enough if you

1138
00:59:30,670 --> 00:59:28,070

will to do that right you know look

1139

00:59:32,710 --> 00:59:30,680

at a romania or a bulgaria in those

1140

00:59:34,510 --> 00:59:32,720

countries you're gonna see a lot of a

1141

00:59:36,190 --> 00:59:34,520

lot of kids get in but you're gonna see

1142

00:59:38,590 --> 00:59:36,200

them keep going into their 30s into

1143

00:59:40,090 --> 00:59:38,600

their 40s because either they think they

1144

00:59:43,360 --> 00:59:40,100

can get away with it because the law is

1145

00:59:45,640 --> 00:59:43,370

too busy with other things or they um

1146

00:59:47,380 --> 00:59:45,650

they actually think you know that they

1147

00:59:48,580 --> 00:59:47,390

can buy off the law at the point that

1148

00:59:49,810 --> 00:59:48,590

they're gonna get in trouble because of

1149

00:59:51,940 --> 00:59:49,820

the amount of money they're making

1150

00:59:54,250 --> 00:59:51,950

yeah and I'm always fascinated with that

1151
00:59:57,400 --> 00:59:54,260
where you know so no correlation there

1152
00:59:59,010 --> 00:59:57,410
with age yeah I agree with that and you

1153
01:00:03,390 --> 00:59:59,020
would think that

1154
01:00:06,030 --> 01:00:03,400
town in Romania when you know an 18 year

1155
01:00:09,990 --> 01:00:06,040
old kid living up the street is driving

1156
01:00:11,400 --> 01:00:10,000
a McLaren that maybe there's something

1157
01:00:13,350 --> 01:00:11,410
going on here

1158
01:00:15,210 --> 01:00:13,360
you got it definitely if you're doing

1159
01:00:16,890 --> 01:00:15,220
this in a place like that you've got to

1160
01:00:19,410 --> 01:00:16,900
realize that you're storing money for

1161
01:00:21,390 --> 01:00:19,420
when you decide to move and you're

1162
01:00:23,400 --> 01:00:21,400
moving it into other offshore kind of

1163
01:00:25,560 --> 01:00:23,410

systems and you're not showing off all

1164

01:00:28,560 --> 01:00:25,570

your Flash and bling locally in your

1165

01:00:30,810 --> 01:00:28,570

little small town you know let's take a

1166

01:00:32,670 --> 01:00:30,820

break right here I guess tonight Gregg

1167

01:00:35,370 --> 01:00:32,680

Housh and when we come back we're gonna

1168

01:00:37,590 --> 01:00:35,380

get into it it's an absolutely crazy

1169

01:00:40,380 --> 01:00:37,600

breaking story that is happening right

1170

01:00:42,450 --> 01:00:40,390

now in real time out of New York City

1171

01:00:46,710 --> 01:00:42,460

with our evil the ransomware

1172

01:00:49,080 --> 01:00:46,720

and the hack on Grubman and it's it's

1173

01:00:52,020 --> 01:00:49,090

crazy it's an insane story will will

1174

01:00:52,840 --> 01:00:52,030

cover all of it in just a short break

1175

01:01:12,529 --> 01:00:52,850

stay with us

1176

01:01:16,499 --> 01:01:14,370

this is fade to black

1177

01:01:20,190 --> 01:01:16,509

with Jimmy Church on the game changer

1178

01:01:22,009 --> 01:01:20,200

radio network at K GRA the global radio

1179

01:01:25,289 --> 01:01:22,019

Alliance

1180

01:01:28,620 --> 01:01:25,299

this is Katy are a digital broadcasting

1181

01:01:32,460 --> 01:01:28,630

station Salt Lake City Utah Van Buren

1182

01:01:33,809 --> 01:01:32,470

Arkansas hello my name is Billy Carson

1183

01:01:35,880 --> 01:01:33,819

I'm the best-selling author and the

1184

01:01:37,650 --> 01:01:35,890

founder of forbidden knowledge TV

1185

01:01:39,900 --> 01:01:37,660

together with my team we have built a

1186

01:01:41,609 --> 01:01:39,910

all new conscious pre-made TV platform

1187

01:01:43,529 --> 01:01:41,619

designed with every family member in

1188

01:01:44,910 --> 01:01:43,539

mind if you have ever wanted to travel

1189

01:01:46,499 --> 01:01:44,920

the world and attend lectures and

1190

01:01:48,289 --> 01:01:46,509

workshops from your favorite speakers we

1191

01:01:51,120 --> 01:01:48,299

weren't able to look no further

1192

01:01:53,009 --> 01:01:51,130

forbidden knowledge dot TV but there are

1193

01:01:54,029 --> 01:01:53,019

dozens of workshops and lectures from

1194

01:01:55,859 --> 01:01:54,039

speakers we know and love

1195

01:01:57,539 --> 01:01:55,869

we have also include an amazing

1196

01:01:59,069 --> 01:01:57,549

categories to assure that your

1197

01:02:01,289 --> 01:01:59,079

consciousness is entertained and

1198

01:02:03,480 --> 01:02:01,299

elevating on a daily basis amazing

1199

01:02:05,999 --> 01:02:03,490

interviews ancient history essential

1200

01:02:08,430 --> 01:02:06,009

knowledge wisdom teachings documentaries

1201
01:02:10,799 --> 01:02:08,440
conspiracies mysteries health and

1202
01:02:13,170 --> 01:02:10,809
fitness conscious cooking meditations

1203
01:02:15,359 --> 01:02:13,180
finance yoga and so much more to start

1204
01:02:17,329 --> 01:02:15,369
your free trial on any mobile device or

1205
01:02:20,370 --> 01:02:17,339
computer surf their forbidden knowledge

1206
01:02:22,380 --> 01:02:20,380
TV that's forbidden knowledge with the

1207
01:02:27,420 --> 01:02:22,390
number-four forbidden knowledge

1208
01:02:28,640 --> 01:02:27,430
TV again visit forbidden nose TV today

1209
01:02:31,440 --> 01:02:28,650
[Music]

1210
01:02:34,230 --> 01:02:31,450
introducing the new surfer music app

1211
01:02:37,769 --> 01:02:34,240
listen fade or not you know I love my

1212
01:02:40,710 --> 01:02:37,779
music this is my go-to for all things

1213
01:02:42,990 --> 01:02:40,720

notes the surfer app is a brand new

1214

01:02:45,059 --> 01:02:43,000

concept of music listening surfer is

1215

01:02:46,980 --> 01:02:45,069

free providing unlimited access to

1216

01:02:49,319 --> 01:02:46,990

thousands of live streaming radio

1217

01:02:51,059 --> 01:02:49,329

stations surfer is an exciting

1218

01:02:53,690 --> 01:02:51,069

interactive listening experience

1219

01:02:56,540 --> 01:02:53,700

discovery and surprise of built Friday

1220

01:02:59,300 --> 01:02:56,550

surfer is your destination to discover

1221

01:03:01,790 --> 01:02:59,310

and rediscover great live streaming

1222

01:03:04,010 --> 01:03:01,800

music it features high quality audio

1223

01:03:05,660 --> 01:03:04,020

streams free access to music from

1224

01:03:08,480 --> 01:03:05,670

thousands of live streaming radio

1225

01:03:10,970 --> 01:03:08,490

stations unlimited listening unlimited

1226
01:03:12,860 --> 01:03:10,980
skipping you get a music visualizer and

1227
01:03:15,320 --> 01:03:12,870
you can also select your favorite

1228
01:03:16,310 --> 01:03:15,330
channels get it at the Apple App Store

1229
01:03:19,610 --> 01:03:16,320
or Google Play

1230
01:03:21,920 --> 01:03:19,620
just search surfer music or click on the

1231
01:03:25,950 --> 01:03:21,930
surfer banner at Jimmy Church radio calm

1232
01:03:30,850 --> 01:03:28,600
okay nurse let's get this man to the ER

1233
01:03:33,670 --> 01:03:30,860
stat right away doctor we see this every

1234
01:03:36,100 --> 01:03:33,680
day heart attack or angina pain due to

1235
01:03:38,500 --> 01:03:36,110
blocked and clogged arteries chelation

1236
01:03:40,630 --> 01:03:38,510
can remove obstructions or blockages

1237
01:03:41,920 --> 01:03:40,640
from arteries and help avoid painful and

1238
01:03:44,470 --> 01:03:41,930

expensive surgery

1239

01:03:46,120 --> 01:03:44,480

now there's angiogram it's a liquid oral

1240

01:03:48,520 --> 01:03:46,130

chelation product that you take with

1241

01:03:50,860 --> 01:03:48,530

juice you start to feel the results fast

1242

01:03:52,870 --> 01:03:50,870

angio primm increases blood flow all

1243

01:03:54,760 --> 01:03:52,880

over the body and that means more energy

1244

01:03:57,250 --> 01:03:54,770

and strength to take on the day with

1245

01:03:59,400 --> 01:03:57,260

less aches and pains 60 years of

1246

01:04:02,410 --> 01:03:59,410

research has gone into chelation and

1247

01:04:04,690 --> 01:04:02,420

angiogram is the result a safe and easy

1248

01:04:10,030 --> 01:04:04,700

way to unblock your veins and arteries

1249

01:04:13,750 --> 01:04:10,040

from build-up that slow circulation log

1250

01:04:16,060 --> 01:04:13,760

on now to angio prim calm that's ang IO

1251

01:04:17,950 --> 01:04:16,070

PR I am calm

1252

01:04:20,230 --> 01:04:17,960

or to speak with a trained consultant

1253

01:04:22,090 --> 01:04:20,240

give angio Primack call at nine fifty

1254

01:04:24,190 --> 01:04:22,100

four eight eight to seventy two twenty

1255

01:04:34,540 --> 01:04:24,200

one that's nine fifty four eight eight

1256

01:04:36,400 --> 01:04:34,550

to seventy two twenty one this is ray

1257

01:04:38,830 --> 01:04:36,410

sobs here repping the planet and you're

1258

01:04:40,420 --> 01:04:38,840

listening to my good friend Jimmy Church

1259

01:04:42,940 --> 01:04:40,430

fade to black

1260

01:04:47,530 --> 01:04:42,950

on the game changer network and the kgr

1261

01:04:49,690 --> 01:04:47,540

a digital broadcast station this is Toby

1262

01:04:58,210 --> 01:04:49,700

Kebell you're listening to Jimmy Church

1263

01:05:03,720 --> 01:05:00,920

[Music]

1264

01:05:06,059 --> 01:05:03,730

I'm Adrian Grenier and I'm Ari Gold

1265

01:05:08,660 --> 01:05:06,069

where the honey brothers and you're

1266

01:05:10,950 --> 01:05:08,670

listening to Jimmy Church revolution

1267

01:05:13,260 --> 01:05:10,960

this is Jimmy Church of fade to black

1268

01:05:15,809 --> 01:05:13,270

and you can become an official fader not

1269

01:05:19,010 --> 01:05:15,819

by just going to our membership section

1270

01:05:21,660 --> 01:05:19,020

at Jimmy Church radio.com

1271

01:05:23,819 --> 01:05:21,670

hello this is Sarina right Kayla from

1272

01:05:26,370 --> 01:05:23,829

conscious life Expo and you're listening

1273

01:05:28,620 --> 01:05:26,380

to fade to black with Jimmy Church who

1274

01:05:33,380 --> 01:05:28,630

holds the lucky pony record for the best

1275

01:05:35,880 --> 01:05:33,390

astrological chart since 1963 true story

1276

01:05:37,500 --> 01:05:35,890

this is Micah Hank's of the gray lien

1277

01:05:39,809 --> 01:05:37,510

report and you're listening to Jimmy

1278

01:05:41,910 --> 01:05:39,819

church on fade to black across the globe

1279

01:05:45,070 --> 01:05:41,920

on the GameChanger radio network and the

1280

01:06:04,780 --> 01:05:45,080

one and only kgr a radio the planet

1281

01:06:07,220 --> 01:06:04,790

[Music]

1282

01:06:08,720 --> 01:06:07,230

welcome back fade to black I am your

1283

01:06:12,440 --> 01:06:08,730

host Jimmy Church on the game changer

1284

01:06:14,360 --> 01:06:12,450

network and kg RA the planets hello to

1285

01:06:17,780 --> 01:06:14,370

everybody listening all around the world

1286

01:06:20,750 --> 01:06:17,790

tonight our guest Gregg Housh you can

1287

01:06:22,730 --> 01:06:20,760

follow me on twitter @ JT radio hashtag

1288

01:06:25,850 --> 01:06:22,740

F to B is the sandbox you can also

1289

01:06:28,790 --> 01:06:25,860

follow Greg on Twitter it's at Gregg

1290

01:06:30,880 --> 01:06:28,800

Housh Gregg with two G's and he's got

1291

01:06:34,040 --> 01:06:30,890

that really cool blue check mark that

1292

01:06:35,810 --> 01:06:34,050

he's totally against in the system but

1293

01:06:38,360 --> 01:06:35,820

you'd like the blue check mark when it

1294

01:06:40,820 --> 01:06:38,370

happens Greg and and I get that but you

1295

01:06:43,580 --> 01:06:40,830

could follow Greg and all of his links

1296

01:06:48,410 --> 01:06:43,590

are up in our Twitter feed right now so

1297

01:06:50,900 --> 01:06:48,420

a criminal group last week that uses

1298

01:06:53,270 --> 01:06:50,910

ransomware and it's called are evil

1299

01:06:55,670 --> 01:06:53,280

stole seven hundred and sixty seven

1300

01:06:59,680 --> 01:06:55,680

hundred and fifty six gigabytes of data

1301

01:07:04,190 --> 01:06:59,690

from the systems of Grubman Shire

1302

01:07:06,380 --> 01:07:04,200

mice Alice I think and sax and has

1303

01:07:07,790 --> 01:07:06,390

threatened to release damaging documents

1304

01:07:10,180 --> 01:07:07,800

involving the President of the United

1305

01:07:14,030 --> 01:07:10,190

States if the ransom is not paid and

1306

01:07:16,040 --> 01:07:14,040

they doubled the amount from 21 million

1307

01:07:19,340 --> 01:07:16,050

dollars to forty two million dollars

1308

01:07:22,190 --> 01:07:19,350

over the weekend this is a breaking

1309

01:07:24,500 --> 01:07:22,200

fluid story now this criminal group has

1310

01:07:28,070 --> 01:07:24,510

also stated and this was over the

1311

01:07:31,490 --> 01:07:28,080

weekend that Grubman and Shire and

1312

01:07:33,380 --> 01:07:31,500

associates had seven days to pay up or

1313

01:07:38,030 --> 01:07:33,390

they were gonna drop the dirt on

1314

01:07:41,470 --> 01:07:38,040

President Donald Trump now Greg as the

1315

01:07:45,020 --> 01:07:41,480

story unfolds let's back up before this

1316

01:07:50,000 --> 01:07:45,030

and I'm gonna ask the first question why

1317

01:07:53,120 --> 01:07:50,010

target an entertainment law firm because

1318

01:07:56,480 --> 01:07:53,130

you think they have money and you also

1319

01:07:58,640 --> 01:07:56,490

think their clients have money and you

1320

01:08:00,920 --> 01:07:58,650

think their clients have secrets you put

1321

01:08:04,210 --> 01:08:00,930

all that together and there's a lot of

1322

01:08:07,910 --> 01:08:04,220

money to be had there now they represent

1323

01:08:11,690 --> 01:08:07,920

Elton John they represent Madonna Bruce

1324

01:08:15,349 --> 01:08:11,700

Springsteen and Lady Gaga and

1325

01:08:17,240 --> 01:08:15,359

they took the opportunity of mentioned

1326

01:08:22,160 --> 01:08:17,250

the big bands they mentioned mentioned

1327

01:08:25,400 --> 01:08:22,170

those who mentioned the big ones I mean

1328

01:08:27,590 --> 01:08:25,410

Elton John and you too yes Bruce

1329

01:08:28,550 --> 01:08:27,600

Springsteen I mean it's it's a crazy

1330

01:08:30,939 --> 01:08:28,560

clientelist

1331

01:08:33,919 --> 01:08:30,949

Barbra Streisand yeah Barbra Streisand

1332

01:08:36,709 --> 01:08:33,929

some fun secrets there yeah they embed

1333

01:08:38,840 --> 01:08:36,719

Midler who knows like interest they have

1334

01:08:40,400 --> 01:08:38,850

represented Tom Cruise in the past and

1335

01:08:47,240 --> 01:08:40,410

they're supposedly data on him in there

1336

01:08:49,370 --> 01:08:47,250

now going back to Scientology the I

1337

01:08:52,070 --> 01:08:49,380

understand the money aspect of this and

1338

01:08:54,140 --> 01:08:52,080

you have high-end clients that you know

1339

01:08:57,829 --> 01:08:54,150

virtually none bigger than who is

1340

01:09:01,729 --> 01:08:57,839

represented by this firm but President

1341

01:09:05,360 --> 01:09:01,739

Trump himself was never represented or

1342

01:09:07,400 --> 01:09:05,370

involved with this law firm or was he he

1343

01:09:09,140 --> 01:09:07,410

well so that's an interesting story I

1344

01:09:11,870 --> 01:09:09,150

mean so it's a relatively short one but

1345

01:09:16,220 --> 01:09:11,880

it's interesting so they have many hacks

1346

01:09:19,340 --> 01:09:16,230

going over years at this point and the

1347

01:09:23,030 --> 01:09:19,350

Trump data is mostly from earlier hacks

1348

01:09:24,410 --> 01:09:23,040

over the last about year that involved

1349

01:09:26,360 --> 01:09:24,420

them actually getting into some

1350

01:09:30,140 --> 01:09:26,370

mar-a-lago systems and some other

1351

01:09:32,570 --> 01:09:30,150

related Trump property systems the data

1352

01:09:36,019 --> 01:09:32,580

that comes from this hack specifically

1353

01:09:38,030 --> 01:09:36,029

that is about Trump is of course exactly

1354

01:09:40,669 --> 01:09:38,040

what you would expect from a law firm

1355

01:09:42,439 --> 01:09:40,679

that represents all these people so one

1356

01:09:45,559 --> 01:09:42,449

of the funniest pieces is David

1357

01:09:46,939 --> 01:09:45,569

Letterman is represented by or was you

1358

01:09:50,229 --> 01:09:46,949

know I don't know if he still is by this

1359

01:09:52,660 --> 01:09:50,239

company but when he had his his show and

1360

01:09:56,570 --> 01:09:52,670

Trump went on the show multiple times

1361

01:09:59,900 --> 01:09:56,580

there is a bunch of data in his records

1362

01:10:02,510 --> 01:09:59,910

supposedly that talk about him his team

1363

01:10:05,000 --> 01:10:02,520

and the lawyers making sure Trump

1364

01:10:07,880 --> 01:10:05,010

wouldn't sue them for anything done on

1365

01:10:09,500 --> 01:10:07,890

the show cuz Trump was famous among you

1366

01:10:12,770 --> 01:10:09,510

know the entertainment elite for being

1367

01:10:14,780 --> 01:10:12,780

very litigious and so the data that

1368

01:10:18,050 --> 01:10:14,790

would exist in this data set is about

1369

01:10:20,600 --> 01:10:18,060

them preparing against him just in case

1370

01:10:23,270 --> 01:10:20,610

he did anytime they're actual

1371

01:10:24,580 --> 01:10:23,280

represented stars interacted with him

1372

01:10:26,740 --> 01:10:24,590

any mention

1373

01:10:32,589 --> 01:10:26,750

yet any comment from the White House by

1374

01:10:34,689 --> 01:10:32,599

the way so one they've through you know

1375

01:10:37,899 --> 01:10:34,699

some interviews like Hellion said a

1376

01:10:39,490 --> 01:10:37,909

couple things they've said that that

1377

01:10:43,060 --> 01:10:39,500

there's nothing in this it's a big you

1378

01:10:46,000 --> 01:10:43,070

know to use his word nothing burger but

1379

01:10:47,680 --> 01:10:46,010

and I kind of tend to agree actually uh

1380

01:10:49,660 --> 01:10:47,690

knowing what I know about the earlier

1381

01:10:52,390 --> 01:10:49,670

hacks and what what has been shown on

1382

01:10:54,339 --> 01:10:52,400

the dark web is kind of proof it's it

1383

01:10:56,260 --> 01:10:54,349

doesn't seem that explosive it looks

1384

01:10:58,000 --> 01:10:56,270

like it was a money grab but

1385

01:10:59,470 --> 01:10:58,010

you know that that's an initial

1386

01:11:04,000 --> 01:10:59,480

assessment now today everything has

1387

01:11:06,700 --> 01:11:04,010

changed today they actually announced on

1388

01:11:09,280 --> 01:11:06,710

their own little dark web blog that a

1389

01:11:11,830 --> 01:11:09,290

buyer showed up that wanted the Trump

1390

01:11:13,419 --> 01:11:11,840

data and paid them already and has it

1391

01:11:16,330 --> 01:11:13,429

already and they've deleted their copy

1392

01:11:19,300 --> 01:11:16,340

already very clear we're not going to

1393

01:11:21,490 --> 01:11:19,310

pay the timeline that they give is that

1394

01:11:22,990 --> 01:11:21,500

the law firm actually initially offered

1395

01:11:25,209 --> 01:11:23,000

to pay three hundred and sixty five

1396

01:11:27,339 --> 01:11:25,219

thousand dollars for everything to go

1397

01:11:30,640 --> 01:11:27,349

away and then the government stepped in

1398

01:11:33,910 --> 01:11:30,650

and told the law firm that is a federal

1399

01:11:36,520 --> 01:11:33,920

crime to pay terrorists right right and

1400

01:11:38,709 --> 01:11:36,530

you know so who knows but we know that

1401

01:11:39,760 --> 01:11:38,719

some cities have paid this so I I don't

1402

01:11:42,669 --> 01:11:39,770

think they would have done anything to

1403

01:11:44,890 --> 01:11:42,679

him if they did so but that's a local

1404

01:11:46,839 --> 01:11:44,900

offer like that they decided to change

1405

01:11:48,820 --> 01:11:46,849

up their game so instead they found a

1406

01:11:50,830 --> 01:11:48,830

buyer for the Trump data sold it off and

1407

01:11:52,839 --> 01:11:50,840

now the next data that's on the block

1408

01:11:55,899 --> 01:11:52,849

has an opening bit of a million dollars

1409

01:11:59,070 --> 01:11:55,909

and it's all of Madonna's data now we

1410

01:12:01,240 --> 01:11:59,080

don't know who's purchasing the data

1411

01:12:03,850 --> 01:12:01,250

they've given anima T to their

1412

01:12:08,350 --> 01:12:03,860

purchasers that's right I mean could it

1413

01:12:10,720 --> 01:12:08,360

be possible that somebody a friend of

1414

01:12:14,140 --> 01:12:10,730

President Trump stepped in and and and

1415

01:12:16,870 --> 01:12:14,150

bought the data to keep it out of the

1416

01:12:19,060 --> 01:12:16,880

public eye for all we know with what

1417

01:12:20,770 --> 01:12:19,070

came out about the mar-a-lago data

1418

01:12:23,859 --> 01:12:20,780

that's in it it's it's very you know

1419

01:12:26,169 --> 01:12:23,869

it's not special data it's nothing like

1420

01:12:29,109 --> 01:12:26,179

super important for the Marlo go stuff

1421

01:12:30,970 --> 01:12:29,119

it was like event lists you know who

1422

01:12:32,410 --> 01:12:30,980

showed up to specific dinner events and

1423

01:12:34,300 --> 01:12:32,420

whatnot but it wasn't like you know

1424

01:12:35,530 --> 01:12:34,310

someone you wouldn't expect showed up it

1425

01:12:37,240 --> 01:12:35,540

was just business people and whatnot

1426

01:12:37,880 --> 01:12:37,250

that you would have expected to be there

1427

01:12:39,290 --> 01:12:37,890

but made

1428

01:12:41,150 --> 01:12:39,300

one of them didn't want to be in this

1429

01:12:43,370 --> 01:12:41,160

data dump and you know he has a lot of

1430

01:12:45,710 --> 01:12:43,380

rich friends he's sure his thing he

1431

01:12:49,160 --> 01:12:45,720

collects them do we know how much the

1432

01:12:51,020 --> 01:12:49,170

Trump date is sold for we do not but we

1433

01:12:52,670 --> 01:12:51,030

know that they put an opening bid on the

1434

01:12:54,800 --> 01:12:52,680

next set of data for a million dollars

1435

01:12:57,020 --> 01:12:54,810

so who knows what it sold for but it

1436

01:12:59,990 --> 01:12:57,030

probably sold pretty good now would

1437

01:13:03,710 --> 01:13:00,000

Madonna be interested in buying her date

1438

01:13:05,660 --> 01:13:03,720

of four million bucks right yeah you

1439

01:13:08,120 --> 01:13:05,670

know the question there is you run into

1440

01:13:10,190 --> 01:13:08,130

all sorts of problems right because you

1441

01:13:11,750 --> 01:13:10,200

know someone like that sure you think

1442

01:13:13,370 --> 01:13:11,760

they have slightly better security but

1443

01:13:14,630 --> 01:13:13,380

everyone's human man and everyone you're

1444

01:13:17,480 --> 01:13:14,640

dealing with this human and there's

1445

01:13:20,090 --> 01:13:17,490

gonna be ways in so if if she herself

1446

01:13:23,000 --> 01:13:20,100

shows up and publicly buys this then

1447

01:13:24,920 --> 01:13:23,010

every every every hacker in the world

1448

01:13:26,840 --> 01:13:24,930

that is out there trying to make a buck

1449

01:13:29,630 --> 01:13:26,850

is going to know that coming after

1450

01:13:34,670 --> 01:13:29,640

Madonna gets you paid who buys Madonna's

1451

01:13:36,590 --> 01:13:34,680

data right who buys Madonna's data if it

1452

01:13:39,380 --> 01:13:36,600

was like 92 I'd be saying Michael

1453

01:13:41,480 --> 01:13:39,390

Jackson would be purchasing it right at

1454

01:13:43,880 --> 01:13:41,490

this point I have an idea yeah that is

1455

01:13:45,820 --> 01:13:43,890

so interesting that is so interesting

1456

01:13:51,920 --> 01:13:45,830

okay let's let's back up let's go to

1457

01:13:55,670 --> 01:13:51,930

last week how did how do you think the

1458

01:14:00,800 --> 01:13:55,680

hack happened well the tool they're

1459

01:14:04,850 --> 01:14:00,810

using it's its real name is Saudi no key

1460

01:14:07,640 --> 01:14:04,860

B our evil is kind of the flashy we know

1461

01:14:10,580 --> 01:14:07,650

Americans can say it name okay um you

1462

01:14:14,840 --> 01:14:10,590

know but cedeño be Saudi no key B is the

1463

01:14:16,910 --> 01:14:14,850

real name and that tool we know of at

1464

01:14:19,100 --> 01:14:16,920

least two attack vectors that uses that

1465

01:14:20,960 --> 01:14:19,110

are kind of hack related and

1466

01:14:24,740 --> 01:14:20,970

semi-automated and then we know the

1467

01:14:26,000 --> 01:14:24,750

fishing method obviously so fishing is

1468

01:14:27,830 --> 01:14:26,010

of course you know sends out an email

1469

01:14:30,200 --> 01:14:27,840

with a link you hit it your browser is

1470

01:14:32,240 --> 01:14:30,210

somehow exploited and you've got

1471

01:14:37,640 --> 01:14:32,250

problems

1472

01:14:40,670 --> 01:14:37,650

the other two are RDP and VPN appliances

1473

01:14:43,040 --> 01:14:40,680

so RDP is a protocol used you know for

1474

01:14:47,750 --> 01:14:43,050

remote desktops which surprisingly are

1475

01:14:49,130 --> 01:14:47,760

getting a lot more usage these days so

1476

01:14:51,350 --> 01:14:49,140

they're enabled at a lot more companies

1477

01:14:54,560 --> 01:14:51,360

and it turns out that this grew

1478

01:14:56,090 --> 01:14:54,570

had multiple zero days for various RDP

1479

01:14:58,490 --> 01:14:56,100

implementations that would get them

1480

01:15:01,970 --> 01:14:58,500

right past all your security if you had

1481

01:15:03,320 --> 01:15:01,980

RDP exposed to the outside world now of

1482

01:15:05,720 --> 01:15:03,330

course a lot of those have been patched

1483

01:15:07,730 --> 01:15:05,730

since this has been going around but who

1484

01:15:11,420 --> 01:15:07,740

keeps all their software and hardware

1485

01:15:13,880 --> 01:15:11,430

up-to-date turns out not many people and

1486

01:15:15,940 --> 01:15:13,890

then the other method is they've got an

1487

01:15:20,150 --> 01:15:15,950

attack that goes up against some common

1488

01:15:22,010 --> 01:15:20,160

VPN appliances VPN is Virtual Private

1489

01:15:24,830 --> 01:15:22,020

Network and it's it's a way a company

1490

01:15:26,660 --> 01:15:24,840

can allow someone at home to connect up

1491

01:15:28,670 --> 01:15:26,670

to the corporate network and have the

1492

01:15:31,190 --> 01:15:28,680

network they think that they're on the

1493

01:15:33,110 --> 01:15:31,200

corporate network that they're sitting

1494

01:15:36,230 --> 01:15:33,120

in some office cubicle you know mm-hmm

1495

01:15:37,730 --> 01:15:36,240

and it's there's complicated ways to

1496

01:15:40,040 --> 01:15:37,740

build it out with you know serious

1497

01:15:41,960 --> 01:15:40,050

infrastructure and then there's simple

1498

01:15:43,700 --> 01:15:41,970

little you know boxes you can buy like

1499

01:15:45,380 --> 01:15:43,710

that little router you have for your you

1500

01:15:47,420 --> 01:15:45,390

know internet at home they give you a

1501

01:15:51,920 --> 01:15:47,430

VPN at smaller businesses to midsize

1502

01:15:54,650 --> 01:15:51,930

businesses and those one one company

1503

01:15:57,860 --> 01:15:54,660

called pulse had a couple active

1504

01:15:59,750 --> 01:15:57,870

exploits so the the Travelex one that

1505

01:16:01,940 --> 01:15:59,760

you mentioned earlier that one was

1506

01:16:04,310 --> 01:16:01,950

actually done they believe completely

1507

01:16:06,410 --> 01:16:04,320

through their VPN device being remotely

1508

01:16:09,140 --> 01:16:06,420

hacked by an automated tool that just

1509

01:16:10,010 --> 01:16:09,150

went right in right through it that's

1510

01:16:14,030 --> 01:16:10,020

incredible

1511

01:16:17,810 --> 01:16:14,040

right and they're the the I don't know

1512

01:16:20,240 --> 01:16:17,820

what is scarier to have this done by

1513

01:16:23,750 --> 01:16:20,250

automation and there's nothing that you

1514

01:16:27,140 --> 01:16:23,760

can do defense wise that's that is

1515

01:16:30,050 --> 01:16:27,150

terrifying and then the other side of it

1516

01:16:32,360 --> 01:16:30,060

is to me equally is terrifying

1517

01:16:36,110 --> 01:16:32,370

where you have an employee that's a

1518

01:16:38,810 --> 01:16:36,120

complete doofus that would click on the

1519

01:16:42,170 --> 01:16:38,820

exploit and the end the malware inside

1520

01:16:45,050 --> 01:16:42,180

of an email on a on a corporate server

1521

01:16:48,470 --> 01:16:45,060

right where you're you're you're logged

1522

01:16:50,510 --> 01:16:48,480

in to the company's network and and you

1523

01:16:53,180 --> 01:16:50,520

make that click and then everything goes

1524

01:16:56,960 --> 01:16:53,190

foul both are equally is terrifying

1525

01:16:58,910 --> 01:16:56,970

aren't they yeah I mean you know one is

1526

01:17:01,130 --> 01:16:58,920

I don't know it's interesting because

1527

01:17:05,150 --> 01:17:01,140

when you talk about the automated tools

1528

01:17:06,680 --> 01:17:05,160

you get this this thing where it's just

1529

01:17:08,780 --> 01:17:06,690

bah and that software could have been

1530

01:17:10,700 --> 01:17:08,790

going after 10,000 targets when you talk

1531

01:17:12,950 --> 01:17:10,710

about a dedicated phishing campaign

1532

01:17:14,630 --> 01:17:12,960

that's coming for you I don't know that

1533

01:17:17,600 --> 01:17:14,640

one always felt a little more sketchy

1534

01:17:20,570 --> 01:17:17,610

because like someone knows my name and

1535

01:17:22,550 --> 01:17:20,580

is coming after my name mm-hmm and that

1536

01:17:27,580 --> 01:17:22,560

one always that one always always is

1537

01:17:30,440 --> 01:17:27,590

weird to me now when this gets activated

1538

01:17:32,240 --> 01:17:30,450

you know our evil let's specifically

1539

01:17:37,070 --> 01:17:32,250

talk about what is being used in this

1540

01:17:39,560 --> 01:17:37,080

hack what happens it's really simple um

1541

01:17:42,160 --> 01:17:39,570

it gives them access to the data that's

1542

01:17:44,330 --> 01:17:42,170

available there so they can take it all

1543

01:17:46,400 --> 01:17:44,340

in order to download it straight through

1544

01:17:48,500 --> 01:17:46,410

the internet so in this specific half

1545

01:17:50,900 --> 01:17:48,510

the the grub Mac they supposedly

1546

01:17:54,800 --> 01:17:50,910

downloaded seven hundred and fifty six

1547

01:17:58,100 --> 01:17:54,810

gigs of data that's a lot of data yes it

1548

01:18:00,020 --> 01:17:58,110

is and then the second it's done and

1549

01:18:03,110 --> 01:18:00,030

they believe they have everything it

1550

01:18:05,750 --> 01:18:03,120

then encrypts all the local data in a

1551

01:18:08,290 --> 01:18:05,760

way we're only putting in the right key

1552

01:18:11,150 --> 01:18:08,300

one that they sell you for in this case

1553

01:18:13,490 --> 01:18:11,160

21 or 42 million dollars depending on

1554

01:18:14,900 --> 01:18:13,500

which day they might have acted putting

1555

01:18:16,580 --> 01:18:14,910

in that right key well decrypt it and

1556

01:18:18,470 --> 01:18:16,590

you've got your data back and you're

1557

01:18:21,050 --> 01:18:18,480

fine and supposedly the sock were

1558

01:18:25,460 --> 01:18:21,060

removed itself so two things happen then

1559

01:18:29,090 --> 01:18:25,470

so I am understanding one they lock down

1560

01:18:31,100 --> 01:18:29,100

your current system that's happening so

1561

01:18:35,390 --> 01:18:31,110

you don't have access to it and then

1562

01:18:38,030 --> 01:18:35,400

they've managed to get to certain files

1563

01:18:40,070 --> 01:18:38,040

and and being able to navigate that to

1564

01:18:42,020 --> 01:18:40,080

get to the data is pretty interesting to

1565

01:18:45,050 --> 01:18:42,030

me let's we'll talk about that but

1566

01:18:47,510 --> 01:18:45,060

they've downloaded those files too as

1567

01:18:50,890 --> 01:18:47,520

well so it's not just an encryption key

1568

01:18:54,280 --> 01:18:50,900

to unlock your your corporate network

1569

01:18:57,620 --> 01:18:54,290

which is important but they've also

1570

01:19:00,800 --> 01:18:57,630

secured their hijack right they've

1571

01:19:02,150 --> 01:19:00,810

hijacked something and so we have two

1572

01:19:04,970 --> 01:19:02,160

different things that are happening at

1573

01:19:07,340 --> 01:19:04,980

the same time yeah it's completely to

1574

01:19:10,280 --> 01:19:07,350

almost separate things at this point one

1575

01:19:12,080 --> 01:19:10,290

a group of people now have your data to

1576

01:19:14,649 --> 01:19:12,090

your corporate network is currently in

1577

01:19:20,439 --> 01:19:14,659

shambles and so is in

1578

01:19:22,509 --> 01:19:20,449

this case Grubman and associates their

1579

01:19:24,759 --> 01:19:22,519

system right now is locked up at my

1580

01:19:26,319 --> 01:19:24,769

understanding correctly I mean I'm sure

1581

01:19:27,609 --> 01:19:26,329

that with the security firms they've

1582

01:19:29,799 --> 01:19:27,619

brought in they've got other computers

1583

01:19:31,060 --> 01:19:29,809

up and running at this point but you

1584

01:19:35,219 --> 01:19:31,070

know so they're not completely offline

1585

01:19:39,580 --> 01:19:35,229

but the old systems haven't been

1586

01:19:41,290 --> 01:19:39,590

destroyed or anything the FBI Homeland

1587

01:19:43,569 --> 01:19:41,300

Security for the Terrorism side of

1588

01:19:45,250 --> 01:19:43,579

things and a couple security firms are

1589

01:19:47,770 --> 01:19:45,260

all going over that attempting to find

1590

01:19:51,459 --> 01:19:47,780

ways through you know to the other side

1591

01:19:53,799 --> 01:19:51,469

of it it is not one that's defeated yet

1592

01:19:56,489 --> 01:19:53,809

though you know a lot of these have been

1593

01:20:00,669 --> 01:19:56,499

defeated in a way where like we can

1594

01:20:02,290 --> 01:20:00,679

decrypt what they do so you know people

1595

01:20:05,169 --> 01:20:02,300

have made automated tools out there

1596

01:20:08,409 --> 01:20:05,179

that'll just undo I think at least half

1597

01:20:09,909 --> 01:20:08,419

of these these pieces of software but

1598

01:20:12,489 --> 01:20:09,919

this one isn't on the list of ones that

1599

01:20:15,239 --> 01:20:12,499

we figured out yet right right right and

1600

01:20:18,250 --> 01:20:15,249

so and that's interesting too as well

1601
01:20:20,080 --> 01:20:18,260
you get hit by ransomware first thing

1602
01:20:22,509 --> 01:20:20,090
you should check is a project named no

1603
01:20:25,149 --> 01:20:22,519
more ransom it's the no more ransom

1604
01:20:27,939 --> 01:20:25,159
project and it's at no more ransom org

1605
01:20:29,259 --> 01:20:27,949
and they probably have a decryptor that

1606
01:20:30,669 --> 01:20:29,269
will decrypt your stuff without you

1607
01:20:33,640 --> 01:20:30,679
having to pay for it and clean up the

1608
01:20:37,089 --> 01:20:33,650
mess too right which is this one they do

1609
01:20:39,969 --> 01:20:37,099
not write and so it's not just big

1610
01:20:42,489 --> 01:20:39,979
corporations here right it can it can be

1611
01:20:45,100 --> 01:20:42,499
anybody in any phishing campaign that is

1612
01:20:47,140 --> 01:20:45,110
at home it's it people at home it's at

1613
01:20:48,669 --> 01:20:47,150

two person businesses it's at hospitals

1614

01:20:54,009 --> 01:20:48,679

it's hit Travelex

1615

01:20:58,060 --> 01:20:54,019

now isn't there isn't there a code of

1616

01:21:01,750 --> 01:20:58,070

honor amongst thieves on who you attack

1617

01:21:05,140 --> 01:21:01,760

why why go after a hospital or an

1618

01:21:09,489 --> 01:21:05,150

elementary school system is you know

1619

01:21:11,709 --> 01:21:09,499

isn't there a code of conduct you know

1620

01:21:14,799 --> 01:21:11,719

there are a bunch of hackers who even

1621

01:21:17,379 --> 01:21:14,809

though they're in it for profit would

1622

01:21:21,520 --> 01:21:17,389

absolutely have that code and there are

1623

01:21:24,759 --> 01:21:21,530

also a bunch of do not and that's your

1624

01:21:26,590 --> 01:21:24,769

problem not mine give me my money they

1625

01:21:28,330 --> 01:21:26,600

exist and there's a lot of them and

1626

01:21:31,030 --> 01:21:28,340

they there weren't a lot of them until

1627

01:21:33,880 --> 01:21:31,040

it became easier there was a much

1628

01:21:36,900 --> 01:21:33,890

stronger kind of strange ethical code

1629

01:21:39,880 --> 01:21:36,910

around doing highly illegal things then

1630

01:21:41,920 --> 01:21:39,890

then there is now simply due to the

1631

01:21:44,440 --> 01:21:41,930

lower barrier to entry what was the name

1632

01:21:45,790 --> 01:21:44,450

of that website again no more no more

1633

01:21:54,430 --> 01:21:45,800

ransom gorg

1634

01:21:58,870 --> 01:21:54,440

link and that news in this article about

1635

01:22:01,120 --> 01:21:58,880

Grubman shouldn't this mean some editor

1636

01:22:02,370 --> 01:22:01,130

removed it or the author didn't care to

1637

01:22:05,140 --> 01:22:02,380

tell people how to clean up the mess

1638

01:22:06,490 --> 01:22:05,150

yeah that is interesting I mean the goal

1639

01:22:08,050 --> 01:22:06,500

of all of these articles remember it's

1640

01:22:09,610 --> 01:22:08,060

just clicks it's just how many i abused

1641

01:22:13,270 --> 01:22:09,620

can we get right right right

1642

01:22:17,440 --> 01:22:13,280

I you know I knock on wood I I haven't

1643

01:22:18,430 --> 01:22:17,450

been dealing with malware or any of

1644

01:22:22,080 --> 01:22:18,440

course ransomware

1645

01:22:25,690 --> 01:22:22,090

in in probably fifteen or twenty years

1646

01:22:27,580 --> 01:22:25,700

we we really went through a couple of

1647

01:22:30,790 --> 01:22:27,590

things fifteen or twenty years ago and

1648

01:22:36,190 --> 01:22:30,800

and what the time that we had spent

1649

01:22:37,930 --> 01:22:36,200

trying to fix our systems it was that

1650

01:22:40,600 --> 01:22:37,940

scared me enough that I just don't click

1651
01:22:47,530 --> 01:22:40,610
on links now I just don't do it I just

1652
01:22:51,340 --> 01:22:47,540
don't do it the the the second half of

1653
01:22:57,190 --> 01:22:51,350
this okay so let's let's deal with what

1654
01:23:03,580 --> 01:22:57,200
is going on now are we stuck in a game

1655
01:23:07,090 --> 01:23:03,590
of poker right we're you know the group

1656
01:23:09,820 --> 01:23:07,100
behind this hack that is using our evil

1657
01:23:15,430 --> 01:23:09,830
they've they put down a seven day

1658
01:23:17,680 --> 01:23:15,440
timeline here to to pay up but what what

1659
01:23:21,880 --> 01:23:17,690
did we do with that does grubman's stick

1660
01:23:26,080 --> 01:23:21,890
to their guns and are we waiting for one

1661
01:23:28,150 --> 01:23:26,090
side or the other to call a bluff you

1662
01:23:30,580 --> 01:23:28,160
know in all honesty I don't think this

1663
01:23:33,430 --> 01:23:30,590

gets paid for after the back-and-forth

1664

01:23:35,560 --> 01:23:33,440

that's happened now and now that it's

1665

01:23:37,870 --> 01:23:35,570

been so public that they have heard from

1666

01:23:39,940 --> 01:23:37,880

the government telling them not to do it

1667

01:23:41,440 --> 01:23:39,950

because it's a federal crime

1668

01:23:43,900 --> 01:23:41,450

makes it much harder for them to just do

1669

01:23:45,960 --> 01:23:43,910

it and then apologize later so I

1670

01:23:48,790 --> 01:23:45,970

honestly think they don't pay for it and

1671

01:23:51,040 --> 01:23:48,800

this group will sell bits and pieces of

1672

01:23:53,080 --> 01:23:51,050

it until you know no one wants the rest

1673

01:23:54,490 --> 01:23:53,090

the prices will go down I don't think

1674

01:23:56,140 --> 01:23:54,500

they get a million for the Madonna stuff

1675

01:23:58,150 --> 01:23:56,150

but they might get a hundred thousand

1676
01:24:02,280 --> 01:23:58,160
from someone looking into mine for for

1677
01:24:06,040 --> 01:24:02,290
data now how do we protect ourselves I

1678
01:24:08,500 --> 01:24:06,050
mean from this one specifically you know

1679
01:24:11,470 --> 01:24:08,510
it's attacking mostly corporate

1680
01:24:14,200 --> 01:24:11,480
infrastructure types of tools so you

1681
01:24:17,400 --> 01:24:14,210
know Citrix and other kind of remote

1682
01:24:20,410 --> 01:24:17,410
tools for RDP type stuff and VPN tools

1683
01:24:21,790 --> 01:24:20,420
so for most part people don't have to

1684
01:24:23,680 --> 01:24:21,800
worry about this when hitting their home

1685
01:24:25,480 --> 01:24:23,690
computer but if you're running even a

1686
01:24:27,250 --> 01:24:25,490
small business that has some kind of

1687
01:24:29,560 --> 01:24:27,260
remote capabilities you might have one

1688
01:24:32,350 --> 01:24:29,570

of these tools and for that you have to

1689

01:24:35,140 --> 01:24:32,360

keep them up-to-date um you know the

1690

01:24:37,240 --> 01:24:35,150

Travelex one specifically it got in

1691

01:24:39,280 --> 01:24:37,250

through their VPN router they're there

1692

01:24:41,830 --> 01:24:39,290

well they're VPN device their VPN device

1693

01:24:44,380 --> 01:24:41,840

had already issued an update and a patch

1694

01:24:46,630 --> 01:24:44,390

for this before the hack happened and

1695

01:24:49,270 --> 01:24:46,640

worse than that a security company

1696

01:24:50,740 --> 01:24:49,280

that's out there doing kind of the the

1697

01:24:53,110 --> 01:24:50,750

white knighting you know that the good

1698

01:24:54,850 --> 01:24:53,120

work that the white hat hacking uh has

1699

01:24:57,280 --> 01:24:54,860

an automated tool scanning for these

1700

01:24:59,710 --> 01:24:57,290

broken VPN devices and found theirs and

1701
01:25:01,720 --> 01:24:59,720
they sent an email to them before the

1702
01:25:03,250 --> 01:25:01,730
hack happened saying your device is

1703
01:25:05,380 --> 01:25:03,260
vulnerable this could happen to you

1704
01:25:09,220 --> 01:25:05,390
here's the fix and the company never

1705
01:25:11,410 --> 01:25:09,230
implemented that takes the with your

1706
01:25:16,150 --> 01:25:11,420
security especially when a security firm

1707
01:25:20,980 --> 01:25:16,160
reaches out and says hey what okay so

1708
01:25:23,170 --> 01:25:20,990
now let's if your system is backed up

1709
01:25:26,260 --> 01:25:23,180
and I'm talking about in a basic sense

1710
01:25:27,460 --> 01:25:26,270
your your photographs and your files and

1711
01:25:29,860 --> 01:25:27,470
then you've got time machine or

1712
01:25:32,260 --> 01:25:29,870
something like that right right right

1713
01:25:35,620 --> 01:25:32,270

and and you have that there and

1714

01:25:37,650 --> 01:25:35,630

something like this happens and you know

1715

01:25:38,770 --> 01:25:37,660

that you've got your system backed up

1716

01:25:41,650 --> 01:25:38,780

Kenny

1717

01:25:43,990 --> 01:25:41,660

it does does the malware resides

1718

01:25:47,080 --> 01:25:44,000

somewhere else I mean if you erase your

1719

01:25:50,110 --> 01:25:47,090

drive and reformat your drive are you

1720

01:25:51,550 --> 01:25:50,120

safe at that point it depends on the

1721

01:25:53,649 --> 01:25:51,560

other devices you have connected to your

1722

01:25:56,080 --> 01:25:53,659

network if those devices have Drive

1723

01:25:58,029 --> 01:25:56,090

you know my current system that I'm

1724

01:25:59,830 --> 01:25:58,039

talking to you through on right now has

1725

01:26:01,659 --> 01:25:59,840

three different sets of external drives

1726

01:26:03,520 --> 01:26:01,669

that can access it could have been put

1727

01:26:06,759 --> 01:26:03,530

on there and then through you know me

1728

01:26:12,520 --> 01:26:06,769

accessing something it could bring it

1729

01:26:15,399 --> 01:26:12,530

back so for me I use I use anti-malware

1730

01:26:17,080 --> 01:26:15,409

tools of course on Windows you really

1731

01:26:19,449 --> 01:26:17,090

don't have to get anything better than

1732

01:26:21,549 --> 01:26:19,459

what's built in no running norton air

1733

01:26:24,939 --> 01:26:21,559

McAfee please those only slow your

1734

01:26:28,000 --> 01:26:24,949

machine down and add attack vectors the

1735

01:26:30,819 --> 01:26:28,010

Windows Defender is fine on on Mac it's

1736

01:26:33,959 --> 01:26:30,829

decent itself but you need to add to it

1737

01:26:37,239 --> 01:26:33,969

and on Mac I recommend Sophos actually

1738

01:26:40,719 --> 01:26:37,249

it's a relatively inexpensive it works

1739

01:26:43,089 --> 01:26:40,729

good it's up to date the couple holes

1740

01:26:45,189 --> 01:26:43,099

that are involved in this specific type

1741

01:26:49,659 --> 01:26:45,199

of ransomware attack that could hit your

1742

01:26:52,029 --> 01:26:49,669

Mac system are stopped by Sophos so you

1743

01:26:54,219 --> 01:26:52,039

know if you want to go deeper and you're

1744

01:26:59,080 --> 01:26:54,229

a Mac user then I would say you load up

1745

01:27:01,270 --> 01:26:59,090

a tool called Little Snitch and it stops

1746

01:27:03,729 --> 01:27:01,280

incoming and outgoing network traffic

1747

01:27:05,469 --> 01:27:03,739

and it does a pop-up and says do you

1748

01:27:06,969 --> 01:27:05,479

want to allow this traffic and if you

1749

01:27:09,279 --> 01:27:06,979

have no idea what that traffic is and

1750

01:27:13,830 --> 01:27:09,289

you didn't just initiate something yes

1751

01:27:18,520 --> 01:27:13,840

you want to block that traffic and the

1752

01:27:23,620 --> 01:27:18,530

the ability to to do all of this is it

1753

01:27:27,790 --> 01:27:23,630

beyond most users technical you know at

1754

01:27:29,919 --> 01:27:27,800

because it seems it seems complex but

1755

01:27:32,979 --> 01:27:29,929

are these things that are these tools

1756

01:27:34,750 --> 01:27:32,989

that you can use that run automatically

1757

01:27:37,149 --> 01:27:34,760

and you don't have to get keep it's all

1758

01:27:39,040 --> 01:27:37,159

automatic it's nothing complicated it

1759

01:27:41,020 --> 01:27:39,050

just sounds complicated so people's eyes

1760

01:27:42,790 --> 01:27:41,030

glaze over and they don't do it right

1761

01:27:43,810 --> 01:27:42,800

but Little Snitch like if you're on a

1762

01:27:46,959 --> 01:27:43,820

Mac and you want to run Little Snitch

1763

01:27:48,279 --> 01:27:46,969

you literally pay for it you install it

1764

01:27:50,739 --> 01:27:48,289

it's under a hundred dollars I think

1765

01:27:52,600 --> 01:27:50,749

it's like summer under fifty and then

1766

01:27:55,659 --> 01:27:52,610

once it's installed it's it's up there

1767

01:27:57,399 --> 01:27:55,669

in the little menu bar and you can just

1768

01:27:58,779 --> 01:27:57,409

see the in going and out coming traffic

1769

01:28:01,390 --> 01:27:58,789

in these two little green and red bars

1770

01:28:03,580 --> 01:28:01,400

and whenever new traffic that it hasn't

1771

01:28:06,799 --> 01:28:03,590

seen before happens it pops up and says

1772

01:28:09,379 --> 01:28:06,809

this application is trying to do this

1773

01:28:11,689 --> 01:28:09,389

with this website or this domain or this

1774

01:28:15,140 --> 01:28:11,699

IP and you can say with two little

1775

01:28:17,870 --> 01:28:15,150

buttons there deny or allow and and

1776

01:28:20,029 --> 01:28:17,880

it'll remember these things so you don't

1777

01:28:22,040 --> 01:28:20,039

have to answer that 500 times because

1778

01:28:23,479 --> 01:28:22,050

you use Skype all the time and you don't

1779

01:28:26,029 --> 01:28:23,489

want to keep saying yes Skype can

1780

01:28:27,470 --> 01:28:26,039

connect so it's just a one time thing on

1781

01:28:29,419 --> 01:28:27,480

that answer if you want you can also

1782

01:28:31,029 --> 01:28:29,429

actually change a setting and say ask me

1783

01:28:33,770 --> 01:28:31,039

every time if you're really that guy

1784

01:28:35,330 --> 01:28:33,780

mine is set of course to just ask me

1785

01:28:37,490 --> 01:28:35,340

once on a lot of those things right

1786

01:28:39,350 --> 01:28:37,500

right really simple though really it's

1787

01:28:42,049 --> 01:28:39,360

not invasive it takes a couple seconds

1788

01:28:44,569 --> 01:28:42,059

and every month you use it it asks you

1789

01:28:50,689 --> 01:28:44,579

less and less things knows already

1790

01:28:53,870 --> 01:28:50,699

and with these ransomware type of

1791

01:28:56,089 --> 01:28:53,880

phishing emails how do those emails look

1792

01:28:58,700 --> 01:28:56,099

are they using something traditional

1793

01:29:00,950 --> 01:28:58,710

you know like Costco or PayPal or Bank

1794

01:29:03,740 --> 01:29:00,960

of America or is there something else

1795

01:29:06,410 --> 01:29:03,750

that is going on it depends on how

1796

01:29:08,720 --> 01:29:06,420

targeted the attack is you know if it's

1797

01:29:11,779 --> 01:29:08,730

specifically at you or your company then

1798

01:29:13,459 --> 01:29:11,789

usually the attacker will figure out

1799

01:29:15,410 --> 01:29:13,469

some things about you what payment

1800

01:29:18,439 --> 01:29:15,420

processor you're using what hardware

1801
01:29:20,660 --> 01:29:18,449
suppliers you're using you know what

1802
01:29:23,720 --> 01:29:20,670
other companies you have deals with are

1803
01:29:26,689 --> 01:29:23,730
you on Microsoft 365 user or are you a

1804
01:29:28,910 --> 01:29:26,699
Zoho cloud user you know they'll try and

1805
01:29:30,589 --> 01:29:28,920
learn stuff like that and then they'll

1806
01:29:32,810 --> 01:29:30,599
try and send you emails that look like

1807
01:29:34,580 --> 01:29:32,820
they're from those companies if it's a

1808
01:29:36,709 --> 01:29:34,590
less targeted one then it's just gonna

1809
01:29:38,120 --> 01:29:36,719
be we're gonna make it look like one of

1810
01:29:41,120 --> 01:29:38,130
the bigger companies like a PayPal or

1811
01:29:43,069 --> 01:29:41,130
Gmail or something and and send that and

1812
01:29:44,839 --> 01:29:43,079
hope that it hits enough people that use

1813
01:29:45,520 --> 01:29:44,849

that service that you know it gets to

1814

01:29:47,810 --> 01:29:45,530

them

1815

01:29:50,270 --> 01:29:47,820

there you go let's take a quick break

1816

01:29:54,229 --> 01:29:50,280

and our guest tonight is Greg house

1817

01:29:56,600 --> 01:29:54,239

we're talking about this insane hack

1818

01:29:58,430 --> 01:29:56,610

that has gone down with Grubman and

1819

01:30:02,540 --> 01:29:58,440

associates and entertainment law firm in

1820

01:30:05,000 --> 01:30:02,550

New York and demanding a 42 million

1821

01:30:07,189 --> 01:30:05,010

dollar ransom this has fade to black I'm

1822

01:30:09,200 --> 01:30:07,199

Errol Jimmy Church more with Greg after

1823

01:30:10,380 --> 01:30:09,210

this short break on the game changer

1824

01:30:14,090 --> 01:30:10,390

network

1825

01:30:28,040 --> 01:30:14,100

and kg are a the planets stay with us

1826

01:30:28,050 --> 01:30:37,900

[Music]

1827

01:30:45,380 --> 01:30:41,080

way out here we listen to Jimmy Church

1828

01:30:47,420 --> 01:30:45,390

you're listening to fade to black always

1829

01:30:50,300 --> 01:30:47,430

on the edge of the hottest alternative

1830

01:31:07,730 --> 01:30:50,310

talk jimmy church with fade to black

1831

01:31:10,490 --> 01:31:07,740

stay GRA radio.com do you want to be an

1832

01:31:12,470 --> 01:31:10,500

official fade or not of course you do

1833

01:31:15,050 --> 01:31:12,480

this is Jimmy Church of fade to black

1834

01:31:17,650 --> 01:31:15,060

just go to our membership section at

1835

01:31:18,880 --> 01:31:17,660

Jimmy Church radio.com

1836

01:31:21,670 --> 01:31:18,890

[Music]

1837

01:31:24,440 --> 01:31:21,680

introducing the new surfer music app

1838

01:31:28,010 --> 01:31:24,450

listen fade or not you know I love my

1839

01:31:30,920 --> 01:31:28,020

music this is my go-to for all things

1840

01:31:33,230 --> 01:31:30,930

notes the surfer app is a brand new

1841

01:31:35,420 --> 01:31:33,240

concept of music listening surfer is

1842

01:31:37,220 --> 01:31:35,430

free providing unlimited access to

1843

01:31:39,530 --> 01:31:37,230

thousands of live streaming radio

1844

01:31:41,270 --> 01:31:39,540

stations surfer is an exciting

1845

01:31:43,640 --> 01:31:41,280

interactive listening experience

1846

01:31:44,150 --> 01:31:43,650

discovery and surprise are built right

1847

01:31:52,010 --> 01:31:44,160

in

1848

01:31:54,230 --> 01:31:52,020

music it features high quality audio

1849

01:31:55,880 --> 01:31:54,240

streams free access to music from

1850

01:31:58,730 --> 01:31:55,890

thousands of live streaming radio

1851
01:32:01,430 --> 01:31:58,740
stations unlimited listening unlimited

1852
01:32:03,110 --> 01:32:01,440
skipping you get a music visualizer and

1853
01:32:05,459 --> 01:32:03,120
you can also select your favorite

1854
01:32:08,640 --> 01:32:05,469
channels get it at the Apple apps

1855
01:32:11,130 --> 01:32:08,650
or Google Play just search surfer music

1856
01:32:12,180 --> 01:32:11,140
or click on the surfer banner at Jimmy

1857
01:32:18,360 --> 01:32:12,190
Church radio.com

1858
01:32:21,810 --> 01:32:18,370
go back Lee taffy so you love talk radio

1859
01:32:25,410 --> 01:32:21,820
then you'll love talk stream live.com

1860
01:32:27,540 --> 01:32:25,420
talk stream live is always on 24/7 with

1861
01:32:29,490 --> 01:32:27,550
the best streaming talk shows find your

1862
01:32:31,770 --> 01:32:29,500
favorite talkers and discover some new

1863
01:32:34,470 --> 01:32:31,780

ones it's free readily available online

1864

01:32:34,979 --> 01:32:34,480

or on mobile with any smartphone or

1865

01:32:37,020 --> 01:32:34,989

tablet

1866

01:32:39,090 --> 01:32:37,030

finding your favorite talk shows all in

1867

01:32:42,479 --> 01:32:39,100

one place has gotten a whole lot easier

1868

01:32:43,979 --> 01:32:42,489

just go to talk stream live.com be sure

1869

01:32:48,959 --> 01:32:43,989

to download the free apps from Google

1870

01:32:52,290 --> 01:32:48,969

Play or the iTunes App Store you listen

1871

01:32:59,939 --> 01:32:52,300

to us and we listen to you and so does

1872

01:33:01,740 --> 01:32:59,949

the CIA GRA radio.com if you have hard

1873

01:33:03,840 --> 01:33:01,750

water the lime scale not only leaves

1874

01:33:06,060 --> 01:33:03,850

white spots at clogs pipes and breaks

1875

01:33:08,189 --> 01:33:06,070

down appliances costing you hundreds of

1876

01:33:10,080 --> 01:33:08,199

dollars in energy and where eliminate

1877

01:33:12,240 --> 01:33:10,090

limescale and other water issues like

1878

01:33:14,310 --> 01:33:12,250

brown staining and bad odors with hydro

1879

01:33:16,439 --> 01:33:14,320

care water products available from wave

1880

01:33:18,450 --> 01:33:16,449

home solutions waves affordable water

1881

01:33:20,400 --> 01:33:18,460

systems don't use salts or chemicals

1882

01:33:22,709 --> 01:33:20,410

you'll love the way your water tastes

1883

01:33:25,080 --> 01:33:22,719

smells and looks satisfaction guaranteed

1884

01:33:26,280 --> 01:33:25,090

for more information go to best water 1

1885

01:33:32,459 --> 01:33:26,290

2 3 com

1886

01:33:34,979 --> 01:33:32,469

intrigued by paranormal talk radio you

1887

01:33:37,950 --> 01:33:34,989

love the new paranormal radio app from

1888

01:33:40,170 --> 01:33:37,960

torque stream live you'll find a great

1889

01:33:43,290 --> 01:33:40,180

selection of talk shows covering UFOs

1890

01:33:45,720 --> 01:33:43,300

ghosts strange phenomena and much more

1891

01:33:47,939 --> 01:33:45,730

download the paranormal radio app now

1892

01:33:50,280 --> 01:33:47,949

and start listening to the very best in

1893

01:33:51,780 --> 01:33:50,290

paranormal talk entertainment including

1894

01:33:54,780 --> 01:33:51,790

the network you're listening to right

1895

01:33:59,420 --> 01:33:54,790

now the paranormal radio app free in

1896

01:34:01,399 --> 01:33:59,430

Google Play and the iOS App Store you

1897

01:34:03,620 --> 01:34:01,409

are listening to

1898

01:34:08,870 --> 01:34:03,630

to black with Jimmy Church on the game

1899

01:34:10,910 --> 01:34:08,880

changer Network hi I'm Lisa Vance you're

1900

01:34:13,879 --> 01:34:10,920

listening to me Church this is

1901

01:34:23,140 --> 01:34:13,889

revolution the revolution will not be

1902

01:35:00,470 --> 01:34:57,720

[Music]

1903

01:35:02,790 --> 01:35:00,480

[Applause]

1904

01:35:04,560 --> 01:35:02,800

welcome back fade to black I am your

1905

01:35:07,500 --> 01:35:04,570

host Jimmy Church if you've ever missed

1906

01:35:09,029 --> 01:35:07,510

a live show you don't want to go through

1907

01:35:12,120 --> 01:35:09,039

that all right

1908

01:35:14,970 --> 01:35:12,130

live live like now now just get our

1909

01:35:16,680 --> 01:35:14,980

podcast click on the banner it's over at

1910

01:35:19,759 --> 01:35:16,690

Jimmy Church radio comma we have over

1911

01:35:22,529 --> 01:35:19,769

1200 shows there for just \$2 per month

1912

01:35:25,229 --> 01:35:22,539

including all of the past shows with

1913

01:35:26,790 --> 01:35:25,239

Greg house and and Gregor got to say if

1914

01:35:33,959 --> 01:35:26,800

you're gonna get the podcast just get it

1915

01:35:38,459 --> 01:35:33,969

for Greg scan it for Greg's past ok I

1916

01:35:42,270 --> 01:35:38,469

want to get back to specifics here with

1917

01:35:46,589 --> 01:35:42,280

the Grubman let's call it a hack with

1918

01:35:48,120 --> 01:35:46,599

the Grubman hack you have to be able to

1919

01:35:50,459 --> 01:35:48,130

and I'm trying to picture this in my

1920

01:35:53,939 --> 01:35:50,469

mind's eye so I need your help here you

1921

01:35:57,629 --> 01:35:53,949

have to navigate a gazillion file

1922

01:36:00,209 --> 01:35:57,639

folders on their network how is that

1923

01:36:03,209 --> 01:36:00,219

done where you can get to the good stuff

1924

01:36:05,250 --> 01:36:03,219

is it because there's a live human you

1925

01:36:07,830 --> 01:36:05,260

know on the other end through the VPN

1926

01:36:10,950 --> 01:36:07,840

that is just sitting there cruising file

1927

01:36:14,100 --> 01:36:10,960

folders and clicking through absolutely

1928

01:36:15,870 --> 01:36:14,110

there's definitely someone just looking

1929

01:36:17,700 --> 01:36:15,880

around when they get a big target I mean

1930

01:36:19,950 --> 01:36:17,710

on the smaller targets they'll have

1931

01:36:22,500 --> 01:36:19,960

automated tools that are looking for

1932

01:36:24,209 --> 01:36:22,510

specific file patterns and specific

1933

01:36:26,069 --> 01:36:24,219

types of network layouts so they can

1934

01:36:28,709 --> 01:36:26,079

kind of easily automatically identify

1935

01:36:31,890 --> 01:36:28,719

stuff but once the basic initial stuff

1936

01:36:33,720 --> 01:36:31,900

is done you end up with a human just

1937

01:36:38,430 --> 01:36:33,730

digging through everything and you end

1938

01:36:41,759 --> 01:36:38,440

up with lateral movement you end up

1939

01:36:43,620 --> 01:36:41,769

specifically with you know once you get

1940

01:36:45,930 --> 01:36:43,630

on one machine inside of a network

1941

01:36:48,060 --> 01:36:45,940

moving sideways to the Machine and the

1942

01:36:51,419 --> 01:36:48,070

cubicle next to it or over to the server

1943

01:36:53,339 --> 01:36:51,429

room is a usually the easiest thing you

1944

01:36:54,779 --> 01:36:53,349

could ever do I mean it's once you've

1945

01:36:56,189 --> 01:36:54,789

gotten through the dead bolt on the

1946

01:36:59,220 --> 01:36:56,199

front door of a house you know walking

1947

01:37:01,080 --> 01:36:59,230

into the kitchen moving laterally in a

1948

01:37:04,500 --> 01:37:01,090

network is dead simple unless they've

1949

01:37:06,930 --> 01:37:04,510

spent a lot of money like one of the

1950

01:37:08,430 --> 01:37:06,940

best tools to track and deal with

1951

01:37:11,279 --> 01:37:08,440

fighting off that type of lateral

1952

01:37:13,379 --> 01:37:11,289

movement is a tool called dart trace but

1953

01:37:13,770 --> 01:37:13,389

you're not going to have a good setup of

1954

01:37:16,500 --> 01:37:13,780

directory

1955

01:37:17,970 --> 01:37:16,510

for under 150 thousand dollars so if you

1956

01:37:24,150 --> 01:37:17,980

can't afford that

1957

01:37:26,100 --> 01:37:24,160

have fun is is depending on the the

1958

01:37:29,520 --> 01:37:26,110

sides of the company in the amount of

1959

01:37:31,980 --> 01:37:29,530

resources that are available shouldn't

1960

01:37:36,840 --> 01:37:31,990

every company have a guy like you on

1961

01:37:38,730 --> 01:37:36,850

staff well I mean again that depends on

1962

01:37:40,460 --> 01:37:38,740

size right you know four-person company

1963

01:37:43,410 --> 01:37:40,470

couldn't afford to have a dedicated

1964

01:37:45,320 --> 01:37:43,420

cybersecurity guy IT security I see is

1965

01:37:48,660 --> 01:37:45,330

you know whatever you want to call it

1966

01:37:51,810 --> 01:37:48,670

but at a certain size I mean definitely

1967

01:37:55,290 --> 01:37:51,820

a 50-person and above should have a

1968

01:37:57,960 --> 01:37:55,300

security person on staff at a minimum

1969

01:38:02,070 --> 01:37:57,970

one person what does this do

1970

01:38:05,880 --> 01:38:02,080

ultimately to the reputation of Rob

1971

01:38:08,970 --> 01:38:05,890

Grubman and his law firm right you're

1972

01:38:13,260 --> 01:38:08,980

you're Bruce Springsteen or for you to

1973

01:38:16,500 --> 01:38:13,270

you're assuming that Grubman has has got

1974

01:38:20,100 --> 01:38:16,510

the stuff on lockdown you are assuming

1975

01:38:21,360 --> 01:38:20,110

that but I mean no I understand that

1976

01:38:23,160 --> 01:38:21,370

people will assume that and there will

1977

01:38:24,420 --> 01:38:23,170

hurt the reputation but it wouldn't have

1978

01:38:26,580 --> 01:38:24,430

mattered which lawyers they were using

1979

01:38:28,860 --> 01:38:26,590

this would have happened about the same

1980

01:38:31,530 --> 01:38:28,870

I mean like so I mean Grubman you know

1981

01:38:34,530 --> 01:38:31,540

the news has come out over the last few

1982

01:38:37,110 --> 01:38:34,540

hours that it has been pinned two to one

1983

01:38:40,620 --> 01:38:37,120

of those pulse VPN servers the Citrix

1984

01:38:44,730 --> 01:38:40,630

hack on Grubman now so so they know they

1985

01:38:47,010 --> 01:38:44,740

know they know the vector and that's an

1986

01:38:49,170 --> 01:38:47,020

attack that's been available to be

1987

01:38:52,830 --> 01:38:49,180

patched if you had a security person

1988

01:38:56,400 --> 01:38:52,840

paying attention for six months so um

1989

01:38:58,020 --> 01:38:56,410

they're bad I would think in a sane

1990

01:39:00,330 --> 01:38:58,030

world that makes them legally actionable

1991

01:39:01,830 --> 01:39:00,340

to people like Bruce Springsteen because

1992

01:39:06,600 --> 01:39:01,840

they weren't maintaining proper security

1993

01:39:07,980 --> 01:39:06,610

mm-hmm but you know that's the thing

1994

01:39:09,510 --> 01:39:07,990

that bothers me the most not that they

1995

01:39:12,050 --> 01:39:09,520

got hacked I mean it's it's pretty hard

1996

01:39:14,790 --> 01:39:12,060

to stop a dedicated person at this point

1997

01:39:17,160 --> 01:39:14,800

but that it was so easy because it was a

1998

01:39:20,410 --> 01:39:17,170

well known and already patched hole that

1999

01:39:26,650 --> 01:39:20,420

should hurt their reputation the most

2000

01:39:30,100 --> 01:39:26,660

and now we've all seen the movies right

2001

01:39:37,709 --> 01:39:30,110

a lot of mirror consultant on we've all

2002

01:39:40,630 --> 01:39:37,719

seen the movies where a virus a file

2003

01:39:45,280 --> 01:39:40,640

malware ransomware whatever you want to

2004

01:39:47,950 --> 01:39:45,290

call it is embedded in a picture not

2005

01:39:53,620 --> 01:39:47,960

just a link or a file is is this

2006

01:39:55,540 --> 01:39:53,630

approach real what do you mean just that

2007

01:39:57,220 --> 01:39:55,550

you know any old file that might be

2008

01:39:59,169 --> 01:39:57,230

doing one thing could also be doing a

2009

01:40:03,010 --> 01:39:59,179

second thing yeah yeah like like an

2010

01:40:04,450 --> 01:40:03,020

image like a JPEG sure I mean a lot of

2011

01:40:08,560 --> 01:40:04,460

files are traded on the internet that

2012

01:40:11,740 --> 01:40:08,570

are JPEGs that that you've hidden a zip

2013

01:40:13,570 --> 01:40:11,750

file in and if you just unzip the the

2014

01:40:15,700 --> 01:40:13,580

JPEG like literally you go to the

2015

01:40:18,010 --> 01:40:15,710

command line and type unzip and then

2016

01:40:20,320 --> 01:40:18,020

file dot jpg whatever the file name is

2017

01:40:22,330 --> 01:40:20,330

and it'll realize oh there's is a file

2018

01:40:23,380 --> 01:40:22,340

here and unzip the files out of it but

2019

01:40:25,479 --> 01:40:23,390

to everyone else that just looked like

2020

01:40:27,600 --> 01:40:25,489

an image file I'm sure that that type of

2021

01:40:30,880 --> 01:40:27,610

stuff works there's also you know

2022

01:40:33,490 --> 01:40:30,890

various forms of packing which is ways

2023

01:40:36,010 --> 01:40:33,500

to kind of encrypt your executable but

2024

01:40:38,590 --> 01:40:36,020

one of the tricks that they'll use is

2025

01:40:40,270 --> 01:40:38,600

though pack your executable with a

2026
01:40:41,350 --> 01:40:40,280
second executable one that the system

2027
01:40:43,680 --> 01:40:41,360
should have like one we mentioned

2028
01:40:46,000 --> 01:40:43,690
earlier say notepad dot exe right and

2029
01:40:47,950 --> 01:40:46,010
yours will piggyback on so whenever

2030
01:40:49,870 --> 01:40:47,960
anyone runs notepad it also runs yours

2031
01:40:54,250 --> 01:40:49,880
most malware detectors are going to

2032
01:40:55,900 --> 01:40:54,260
catch those these days but that one is

2033
01:40:57,520 --> 01:40:55,910
that one is kind of one of the

2034
01:41:01,209 --> 01:40:57,530
tried-and-true that's been going on

2035
01:41:03,430 --> 01:41:01,219
since you know the early 90s and you

2036
01:41:06,850 --> 01:41:03,440
mentioned I always found this

2037
01:41:09,550 --> 01:41:06,860
interesting that that Apple tends to be

2038
01:41:11,680 --> 01:41:09,560

a little bit safer right that for

2039

01:41:14,470 --> 01:41:11,690

whatever reason the respective Steve

2040

01:41:16,780 --> 01:41:14,480

Jobs I don't know the reason has always

2041

01:41:20,080 --> 01:41:16,790

been that they've never had or once

2042

01:41:21,490 --> 01:41:20,090

viruses became even less a farm prophet

2043

01:41:23,050 --> 01:41:21,500

and more just something that the hackers

2044

01:41:25,630 --> 01:41:23,060

are doing for fun and then of course

2045

01:41:26,740 --> 01:41:25,640

into profit um there wasn't enough

2046

01:41:27,850 --> 01:41:26,750

profit there because there weren't

2047

01:41:30,160 --> 01:41:27,860

enough people using them especially

2048

01:41:32,380 --> 01:41:30,170

people who were in big business that you

2049

01:41:34,240 --> 01:41:32,390

might get anything out of so you know

2050

01:41:36,400 --> 01:41:34,250

you weren't gonna break into NASA

2051

01:41:38,590 --> 01:41:36,410

they're Apple Mackintosh's you were

2052

01:41:41,530 --> 01:41:38,600

getting in through mainframes and PCs

2053

01:41:43,660 --> 01:41:41,540

and windows machines so you know that

2054

01:41:45,370 --> 01:41:43,670

the Mac was never a big target I mean

2055

01:41:46,900 --> 01:41:45,380

there are people out there who think you

2056

01:41:49,030 --> 01:41:46,910

know that that's still the case and you

2057

01:41:50,890 --> 01:41:49,040

know since Apple has been taking you

2058

01:41:52,750 --> 01:41:50,900

know good gains and market share and

2059

01:41:54,670 --> 01:41:52,760

though in the recent you know I know the

2060

01:41:57,100 --> 01:41:54,680

last eight years or so really good gains

2061

01:42:00,040 --> 01:41:57,110

um they've become a target and the first

2062

01:42:01,810 --> 01:42:00,050

like real ransomware I mean I say real

2063

01:42:04,000 --> 01:42:01,820

cuz it was kind of a joke it crashed

2064

01:42:08,200 --> 01:42:04,010

more than it ran when it infected you

2065

01:42:10,870 --> 01:42:08,210

for the Mac actually came out in 2016 by

2066

01:42:12,340 --> 01:42:10,880

2018 there was decent enough ransomware

2067

01:42:14,770 --> 01:42:12,350

it's still not on the level of the

2068

01:42:16,390 --> 01:42:14,780

Windows ransomware but it does what it's

2069

01:42:18,940 --> 01:42:16,400

supposed to and it works most of the

2070

01:42:20,350 --> 01:42:18,950

time and it'll attack it'll attack Mac

2071

01:42:24,640 --> 01:42:20,360

machines if you click on the wrong link

2072

01:42:26,560 --> 01:42:24,650

now is there I want to talk browsers in

2073

01:42:31,000 --> 01:42:26,570

just a second but what about operating

2074

01:42:33,550 --> 01:42:31,010

systems like Linux is is is that safer

2075

01:42:38,590 --> 01:42:33,560

or is it just that less people use it so

2076

01:42:42,310 --> 01:42:38,600

the hackers don't care you know it's

2077

01:42:44,050 --> 01:42:42,320

it's again it's one of those how big of

2078

01:42:45,940 --> 01:42:44,060

a target service you are and how good

2079

01:42:48,040 --> 01:42:45,950

you've secured your system but there

2080

01:42:49,930 --> 01:42:48,050

have been multiple linux ransomware

2081

01:42:51,790 --> 01:42:49,940

attacks in the past that there was a

2082

01:42:54,010 --> 01:42:51,800

giant one called

2083

01:42:57,610 --> 01:42:54,020

kill disk there was another giant one

2084

01:42:59,650 --> 01:42:57,620

called the lie locked lie locked hit

2085

01:43:01,300 --> 01:42:59,660

thousands of linux servers I mean just

2086

01:43:04,330 --> 01:43:01,310

thousands of servers it was an automated

2087

01:43:07,720 --> 01:43:04,340

you know Auto spreading Trojan bot that

2088

01:43:09,970 --> 01:43:07,730

that did its ransomware campaign kill

2089

01:43:11,560 --> 01:43:09,980

disk was a little worse because lie

2090

01:43:14,320 --> 01:43:11,570

locked at least they figured out how to

2091

01:43:16,150 --> 01:43:14,330

undo and the ransomware team actually

2092

01:43:17,890 --> 01:43:16,160

still existed kill disk was badly

2093

01:43:20,920 --> 01:43:17,900

programmed and it couldn't actually

2094

01:43:22,990 --> 01:43:20,930

decrypt it itself couldn't decrypt so

2095

01:43:24,520 --> 01:43:23,000

even if you like somehow paid the

2096

01:43:25,900 --> 01:43:24,530

ransomware and then tried to decrypt it

2097

01:43:30,160 --> 01:43:25,910

you weren't you weren't going to get

2098

01:43:32,800 --> 01:43:30,170

through oh man that sucks yeah yeah I

2099

01:43:35,590 --> 01:43:32,810

mean yeah I mean the Linux ransomware

2100

01:43:37,990 --> 01:43:35,600

attacks really started in like late 2017

2101
01:43:39,610 --> 01:43:38,000
around there so again you know windows

2102
01:43:42,430 --> 01:43:39,620
ransomware attacks had been going on for

2103
01:43:45,220 --> 01:43:42,440
a few years by then so Windows was

2104
01:43:47,980 --> 01:43:45,230
definitely first but there are now solid

2105
01:43:49,540 --> 01:43:47,990
code bases for Linux attacks and solid

2106
01:43:51,580 --> 01:43:49,550
code bases for Mac attacks it's just

2107
01:43:55,420 --> 01:43:51,590
still more profitable to go against

2108
01:44:01,030 --> 01:43:55,430
Windows now going back to the movies we

2109
01:44:06,790 --> 01:44:01,040
have all seen the the different agencies

2110
01:44:09,850 --> 01:44:06,800
and and private security firms that have

2111
01:44:12,640 --> 01:44:09,860
the ability to trace Internet traffic no

2112
01:44:17,650 --> 01:44:12,650
matter how complex it is even if it's on

2113
01:44:22,180 --> 01:44:17,660

the dark web the we've seen that with a

2114

01:44:25,390 --> 01:44:22,190

case like our evil and Grubman is it

2115

01:44:30,280 --> 01:44:25,400

possible to to chase this back to an

2116

01:44:31,960 --> 01:44:30,290

apartment in Belgrad it would it would

2117

01:44:36,070 --> 01:44:31,970

really take a mistake on their part at

2118

01:44:38,470 --> 01:44:36,080

this point on the team I mean if the

2119

01:44:40,930 --> 01:44:38,480

numbers are to be believed by the big

2120

01:44:42,760 --> 01:44:40,940

you know anti-malware teams and the big

2121

01:44:44,380 --> 01:44:42,770

security teams who have been hunting for

2122

01:44:46,120 --> 01:44:44,390

these people and even the numbers that

2123

01:44:47,980 --> 01:44:46,130

you know our government have put out

2124

01:44:50,650 --> 01:44:47,990

when you add them all up it's at a

2125

01:44:52,930 --> 01:44:50,660

minimum this malware strain has been

2126

01:44:57,190 --> 01:44:52,940

used for almost two billion dollars in

2127

01:44:59,050 --> 01:44:57,200

either ransom or fraud that's enough

2128

01:45:01,240 --> 01:44:59,060

money that the the right people who

2129

01:45:03,690 --> 01:45:01,250

would hunt you down are paying attention

2130

01:45:06,190 --> 01:45:03,700

and they still haven't caught them in

2131

01:45:07,810 --> 01:45:06,200

somewhere depending on you know there's

2132

01:45:09,520 --> 01:45:07,820

rough estimates about when this strain

2133

01:45:11,110 --> 01:45:09,530

really started moving around somewhere

2134

01:45:14,920 --> 01:45:11,120

between two and a half to four years ago

2135

01:45:17,140 --> 01:45:14,930

mm-hmm so given that kind of a timeframe

2136

01:45:18,730 --> 01:45:17,150

that means there's at least two and a

2137

01:45:21,910 --> 01:45:18,740

half years minimum that this has been on

2138

01:45:24,400 --> 01:45:21,920

on the just out there and it's made that

2139

01:45:25,780 --> 01:45:24,410

much money if they were dumb enough to

2140

01:45:28,420 --> 01:45:25,790

make mistakes they would have made them

2141

01:45:30,520 --> 01:45:28,430

already is usually the case they're

2142

01:45:32,170 --> 01:45:30,530

obviously not the ones going down to get

2143

01:45:34,300 --> 01:45:32,180

a coffee at the end of the street and

2144

01:45:36,250 --> 01:45:34,310

bragging to the barista that they're

2145

01:45:39,190 --> 01:45:36,260

gonna buy a new Bentley off of that

2146

01:45:41,470 --> 01:45:39,200

American they just screwed right so you

2147

01:45:44,260 --> 01:45:41,480

know it's gonna be a tough one they're

2148

01:45:48,430 --> 01:45:44,270

gonna have to slip up is it a situation

2149

01:45:51,880 --> 01:45:48,440

where there is the cyber aspect of the

2150

01:45:54,460 --> 01:45:51,890

forensic detective work but then there

2151
01:45:58,420 --> 01:45:54,470
is the old-fashioned police work right

2152
01:46:01,090 --> 01:45:58,430
human bodies out there you know chasing

2153
01:46:02,920 --> 01:46:01,100
these guys down ultimately is that how

2154
01:46:04,720 --> 01:46:02,930
they're gonna get caught you know kind

2155
01:46:07,480 --> 01:46:04,730
of like dead Pirate Roberts if you think

2156
01:46:10,600 --> 01:46:07,490
about it yeah you know one of the

2157
01:46:12,190 --> 01:46:10,610
interesting things I think of is you

2158
01:46:15,100 --> 01:46:12,200
know that there was that first strain of

2159
01:46:17,110 --> 01:46:15,110
this specific ransomware as a service

2160
01:46:18,490 --> 01:46:17,120
that ran up you know almost two billion

2161
01:46:20,410 --> 01:46:18,500
dollars and then they went and retired

2162
01:46:23,140 --> 01:46:20,420
before the new people took the source

2163
01:46:26,200 --> 01:46:23,150

code and made this new version but that

2164

01:46:28,900 --> 01:46:26,210

first version in their kind of exit

2165

01:46:30,670 --> 01:46:28,910

message as they said we're retiring and

2166

01:46:32,890 --> 01:46:30,680

closed down the service and sold the

2167

01:46:34,330 --> 01:46:32,900

source code off their exit message said

2168

01:46:37,600 --> 01:46:34,340

that they had spent the last you know

2169

01:46:39,580 --> 01:46:37,610

six months taking all the money and

2170

01:46:41,860 --> 01:46:39,590

putting it out into various business

2171

01:46:43,900 --> 01:46:41,870

ventures in ways which would not only

2172

01:46:45,910 --> 01:46:43,910

wash it but make their new ventures

2173

01:46:48,370 --> 01:46:45,920

clean and all the new ventures were

2174

01:46:49,690 --> 01:46:48,380

aboveboard normal businesses that you

2175

01:46:53,170 --> 01:46:49,700

know had nothing to do with illegal

2176

01:46:56,170 --> 01:46:53,180

things and so you know depending on how

2177

01:46:57,970 --> 01:46:56,180

good they actually washed that money and

2178

01:46:59,650 --> 01:46:57,980

how good their accounting his on all of

2179

01:47:02,860 --> 01:46:59,660

that you know that might be a vector

2180

01:47:04,330 --> 01:47:02,870

taxes are a lot of times like the the

2181

01:47:07,240 --> 01:47:04,340

best vector to find these types of

2182

01:47:08,680 --> 01:47:07,250

things you know because then you get the

2183

01:47:12,850 --> 01:47:08,690

forensic accountants in right and they

2184

01:47:14,500 --> 01:47:12,860

find interesting things so it's again I

2185

01:47:16,390 --> 01:47:14,510

think it's gonna take a mistake to find

2186

01:47:18,160 --> 01:47:16,400

these people but if they get caught I

2187

01:47:19,870 --> 01:47:18,170

would say the first train gets caught

2188

01:47:22,090 --> 01:47:19,880

because they make some kind of a mistake

2189

01:47:23,650 --> 01:47:22,100

that outs that the funding of whatever

2190

01:47:24,520 --> 01:47:23,660

their new businesses are it didn't come

2191

01:47:26,470 --> 01:47:24,530

from the right places

2192

01:47:31,810 --> 01:47:26,480

do you think that we'll find out who is

2193

01:47:33,850 --> 01:47:31,820

behind it I don't have high hopes

2194

01:47:35,620 --> 01:47:33,860

actually long they've been doing this

2195

01:47:39,130 --> 01:47:35,630

for a while I mean there was another

2196

01:47:42,190 --> 01:47:39,140

hack yesterday by the our evil team on a

2197

01:47:44,530 --> 01:47:42,200

completely different company on Sherwood

2198

01:47:46,180 --> 01:47:44,540

I think it's like Sherwood enforced the

2199

01:47:48,370 --> 01:47:46,190

there are big food distributor that do

2200

01:47:50,350 --> 01:47:48,380

like all the truck driving for Kroger's

2201

01:47:53,380 --> 01:47:50,360

and Albertsons and all those other big

2202

01:47:55,720 --> 01:47:53,390

ones so like oh got out of them is going

2203

01:47:58,570 --> 01:47:55,730

to be tons of like contract data and

2204

01:48:00,640 --> 01:47:58,580

tons of vendor data from all those all

2205

01:48:02,920 --> 01:48:00,650

those big giant companies now isn't

2206

01:48:04,060 --> 01:48:02,930

Sherwood that's the Turcan company out

2207

01:48:05,890 --> 01:48:04,070

of Indiana right

2208

01:48:07,569 --> 01:48:05,900

like the biggest trucking company in the

2209

01:48:10,600 --> 01:48:07,579

United States yep

2210

01:48:13,720 --> 01:48:10,610

holy crap they got hit by our evil and

2211

01:48:15,069 --> 01:48:13,730

it looks like it happens somewhere you

2212

01:48:17,970 --> 01:48:15,079

know days ago and they've been talking

2213

01:48:21,939 --> 01:48:17,980

with the same kind of intermediary group

2214

01:48:24,310 --> 01:48:21,949

coke wave that that was trying to get

2215

01:48:26,410 --> 01:48:24,320

Grubman to pay - and was going in

2216

01:48:28,270 --> 01:48:26,420

between them and the hackers to try and

2217

01:48:30,370 --> 01:48:28,280

you know orchestrate the deal the same

2218

01:48:32,649 --> 01:48:30,380

group is trying to orchestrate with them

2219

01:48:34,600 --> 01:48:32,659

but it doesn't it's not gonna happen the

2220

01:48:36,220 --> 01:48:34,610

cybersecurity firm who's kind of doing a

2221

01:48:38,290 --> 01:48:36,230

lot of the teardown of this and figuring

2222

01:48:40,390 --> 01:48:38,300

out what's really happening dark out

2223

01:48:42,580 --> 01:48:40,400

already has copies of the conversations

2224

01:48:44,050 --> 01:48:42,590

and whatnot and it doesn't look like any

2225

01:48:45,720 --> 01:48:44,060

deals gonna be made there so it looks

2226

01:48:47,680 --> 01:48:45,730

like again this is gonna be just

2227

01:48:49,149 --> 01:48:47,690

old-style police work and some

2228

01:48:50,680 --> 01:48:49,159

cybersecurity work to see if they can

2229

01:48:52,229 --> 01:48:50,690

track anything and I don't think

2230

01:48:56,680 --> 01:48:52,239

anyone's getting paid off for that one

2231

01:49:01,569 --> 01:48:56,690

you just recovered from coronavirus what

2232

01:49:05,470 --> 01:49:01,579

is scarier to you right now you know are

2233

01:49:10,209 --> 01:49:05,480

evil and this type of ransomware that is

2234

01:49:14,080 --> 01:49:10,219

part of a network on the dark web or a

2235

01:49:16,080 --> 01:49:14,090

real virus that's that is crippled the

2236

01:49:18,850 --> 01:49:16,090

planet what would you be more scared of

2237

01:49:21,160 --> 01:49:18,860

yeah I find I find this a really tough

2238

01:49:24,399 --> 01:49:21,170

question because like when I was sick I

2239

01:49:26,890 --> 01:49:24,409

had like my worst fever really hit it

2240

01:49:29,709 --> 01:49:26,900

bounced it between 101 and 102 but it

2241

01:49:31,060 --> 01:49:29,719

stayed there like constantly for a week

2242

01:49:33,250 --> 01:49:31,070

and a half like I did not drop below

2243

01:49:37,330 --> 01:49:33,260

that and so that's the part that really

2244

01:49:38,950 --> 01:49:37,340

sucked but I've actually hit 105 106 I

2245

01:49:40,810 --> 01:49:38,960

had scarlet fever when I was young and

2246

01:49:42,550 --> 01:49:40,820

actually you know a lot of times in

2247

01:49:44,229 --> 01:49:42,560

scarlet fever they have to let you

2248

01:49:46,569 --> 01:49:44,239

actually pass you know your heart and

2249

01:49:48,129 --> 01:49:46,579

brain stop and then they revived you

2250

01:49:50,500 --> 01:49:48,139

with the defibrillators to pop you back

2251

01:49:53,379 --> 01:49:50,510

hopefully because it breaks the fever

2252

01:49:55,810 --> 01:49:53,389

right right I'm so like I've had fevers

2253

01:49:58,959 --> 01:49:55,820

take me before uh-huh and this one did

2254

01:50:00,280 --> 01:49:58,969

not get that bad but still I mean you

2255

01:50:02,680 --> 01:50:00,290

know when when it comes to the online

2256

01:50:04,390 --> 01:50:02,690

stuff you could say I'm lucky I'm so

2257

01:50:08,339 --> 01:50:04,400

damn poor they have nothing to take from

2258

01:50:10,959 --> 01:50:08,349

me so I'm not too scared of them the

2259

01:50:13,569 --> 01:50:10,969

take my identity you will find that I

2260

01:50:16,880 --> 01:50:13,579

own a TV and a bicycle not even a car

2261

01:50:22,280 --> 01:50:16,890

right and nothing else i exac

2262

01:50:24,050 --> 01:50:22,290

now I have often said that I have

2263

01:50:27,290 --> 01:50:24,060

nothing on my computers I don't care

2264

01:50:29,510 --> 01:50:27,300

right ransomware you lock this up and

2265

01:50:33,110 --> 01:50:29,520

you encrypt it good riddance

2266

01:50:36,350 --> 01:50:33,120

all right Illi don't care hey I have

2267

01:50:39,620 --> 01:50:36,360

backups B I have three or four laptops

2268

01:50:42,230 --> 01:50:39,630

leaning against the wall that are ready

2269

01:50:45,020 --> 01:50:42,240

to go I can be up and running in in

2270

01:50:47,960 --> 01:50:45,030

minutes and I really honestly don't care

2271

01:50:50,240 --> 01:50:47,970

oh I'll buy another computer and I'll

2272

01:50:52,130 --> 01:50:50,250

back up my files everything else rests

2273

01:50:54,440 --> 01:50:52,140

in the cloud and I'm I'm not worried

2274

01:50:57,860 --> 01:50:54,450

about it but that's not the you know but

2275

01:51:00,500 --> 01:50:57,870

that's not the case with most people

2276

01:51:03,140 --> 01:51:00,510

and when this malware starts going

2277

01:51:05,600 --> 01:51:03,150

rampant and and I thought a couple of

2278

01:51:10,130 --> 01:51:05,610

years ago that we were running into

2279

01:51:14,540 --> 01:51:10,140

situations in a global sense Greg where

2280

01:51:18,560 --> 01:51:14,550

any city Paris Washington DC New York

2281

01:51:22,310 --> 01:51:18,570

any integrated system could be held a

2282

01:51:24,260 --> 01:51:22,320

you know in jeopardy for ransom right

2283

01:51:28,070 --> 01:51:24,270

and that's that's what we're at it's

2284

01:51:29,660 --> 01:51:28,080

only a question of when right people

2285

01:51:32,570 --> 01:51:29,670

should use this as the wake-up call to

2286

01:51:34,460 --> 01:51:32,580

actually do proper rotated backups you

2287

01:51:36,170 --> 01:51:34,470

know like you said have another device

2288

01:51:38,360 --> 01:51:36,180

ready to go if it's that important to

2289

01:51:40,250 --> 01:51:38,370

you if you work from home and you don't

2290

01:51:41,960 --> 01:51:40,260

pay rent if you miss a few days you

2291

01:51:43,820 --> 01:51:41,970

better have a spare device I mean for

2292

01:51:45,350 --> 01:51:43,830

all you know your your CPU dies or your

2293

01:51:47,630 --> 01:51:45,360

power supply goes out or something

2294

01:51:49,430 --> 01:51:47,640

I mean unrelated to even the scary stuff

2295

01:51:51,020 --> 01:51:49,440

like you should just have a second

2296

01:51:54,500 --> 01:51:51,030

device in the first place if it's that

2297

01:51:55,580 --> 01:51:54,510

important to you but the backups you

2298

01:51:57,800 --> 01:51:55,590

know you bring up an interesting point

2299

01:51:59,510 --> 01:51:57,810

there like make sure that you have

2300

01:52:01,250 --> 01:51:59,520

backups but that you're doing your

2301

01:52:03,500 --> 01:52:01,260

backups in a way where one of your

2302

01:52:05,990 --> 01:52:03,510

backup drives every other day is not

2303

01:52:08,780 --> 01:52:06,000

actually plugged in so if your machine

2304

01:52:10,820 --> 01:52:08,790

gets hit nothing can hit that Drive then

2305

01:52:12,140 --> 01:52:10,830

you bring up your new fancy machine

2306

01:52:13,340 --> 01:52:12,150

that's leaning against the wall over

2307

01:52:14,960 --> 01:52:13,350

there that you haven't been using yet

2308

01:52:18,470 --> 01:52:14,970

plugging your backup drive you're all

2309

01:52:21,440 --> 01:52:18,480

set now going back what you can set on

2310

01:52:23,120 --> 01:52:21,450

fire I guess at that point yes well you

2311

01:52:24,230 --> 01:52:23,130

know what and usually you need a new

2312

01:52:29,960 --> 01:52:24,240

computer anyway

2313

01:52:35,690 --> 01:52:29,970

so right back in 2000 I'm going to guess

2314

01:52:38,840 --> 01:52:35,700

here 2014 2015 Sony got their cyber

2315

01:52:43,910 --> 01:52:38,850

attack and the all the fingers pointed

2316

01:52:45,590 --> 01:52:43,920

at at North Korea and it was over the

2317

01:52:47,930 --> 01:52:45,600

release of what was the name of that

2318

01:52:52,220 --> 01:52:47,940

movie Craig help me help you

2319

01:52:56,540 --> 01:52:52,230

yeah the interview right ok so that went

2320

01:53:00,620 --> 01:52:56,550

down everything was allegedly North

2321

01:53:02,150 --> 01:53:00,630

Korea I'm not so sure looking back that

2322

01:53:05,600 --> 01:53:02,160

that was the case still could have been

2323

01:53:11,530 --> 01:53:05,610

I don't know but what would stop a

2324

01:53:15,050 --> 01:53:11,540

country like North Korea or Iran or

2325

01:53:18,590 --> 01:53:15,060

Pakistan or another player to jump on

2326

01:53:24,170 --> 01:53:18,600

the dark web and and sign up to the are

2327

01:53:26,720 --> 01:53:24,180

evil focus group and take advantage of

2328

01:53:28,810 --> 01:53:26,730

this I mean absolutely nothing I mean we

2329

01:53:31,820 --> 01:53:28,820

know that North Korea does this stuff

2330

01:53:33,890 --> 01:53:31,830

about we we believe we can attribute at

2331

01:53:36,740 --> 01:53:33,900

least one third of the Bitcoin hacks

2332

01:53:38,870 --> 01:53:36,750

that took big hauls of bitcoins out of

2333

01:53:41,840 --> 01:53:38,880

the exchanges as they get hacked to

2334

01:53:43,100 --> 01:53:41,850

North Korea taking the bitcoins so no

2335

01:53:44,900 --> 01:53:43,110

they they do stuff like this all the

2336

01:53:46,490 --> 01:53:44,910

time I mean you gotta remember if you're

2337

01:53:48,380 --> 01:53:46,500

talking North Korea you're dealing with

2338

01:53:50,870 --> 01:53:48,390

the country that makes a fair amount of

2339

01:53:53,570 --> 01:53:50,880

its GDP by filling ships with crystal

2340

01:53:56,030 --> 01:53:53,580

meth to ship around the world you know

2341

01:53:57,620 --> 01:53:56,040

so like they they don't really have

2342

01:54:03,560 --> 01:53:57,630

anything stopping them from doing any of

2343

01:54:06,740 --> 01:54:03,570

this the the fear whenever I see a

2344

01:54:09,680 --> 01:54:06,750

really good crime go down in a movie

2345

01:54:13,280 --> 01:54:09,690

right where I go wow okay well they just

2346

01:54:15,740 --> 01:54:13,290

laid the groundwork for any criminal any

2347

01:54:18,110 --> 01:54:15,750

terrorist Huck and a really creative

2348

01:54:21,080 --> 01:54:18,120

idea on how to get things done

2349

01:54:24,410 --> 01:54:21,090

and then these types of hats you get it

2350

01:54:26,630 --> 01:54:24,420

wrong you always have to look at it is

2351

01:54:28,130 --> 01:54:26,640

what is the piece of the puzzle that

2352

01:54:29,780 --> 01:54:28,140

they just showed you that they

2353

01:54:31,370 --> 01:54:29,790

specifically left out because the

2354

01:54:33,590 --> 01:54:31,380

lawyers wanted to make sure whatever

2355

01:54:34,850 --> 01:54:33,600

their thing was was nerfed enough that

2356

01:54:36,569 --> 01:54:34,860

no one could just follow these

2357

01:54:38,849 --> 01:54:36,579

directions yeah

2358

01:54:40,319 --> 01:54:38,859

look for the hole and see if you can

2359

01:54:41,969 --> 01:54:40,329

honestly fill it if you can then great

2360

01:54:44,459 --> 01:54:41,979

you've got you've got a great plan but

2361

01:54:46,829 --> 01:54:44,469

but usually there's one step missing and

2362

01:54:52,020 --> 01:54:46,839

it's very much on purpose yeah exactly

2363

01:54:53,520 --> 01:54:52,030

but it's the germ of the idea right it's

2364

01:54:57,509 --> 01:54:53,530

people they can do it yeah that's what

2365

01:54:59,639 --> 01:54:57,519

I'm talking about and so with this with

2366

01:55:03,089 --> 01:54:59,649

Grubman and I can't believe Sherwood I

2367

01:55:07,409 --> 01:55:03,099

did I didn't read about this yet that's

2368

01:55:10,560 --> 01:55:07,419

pretty shocking but people read this and

2369

01:55:11,969 --> 01:55:10,570

if you've got a low moral compass you

2370

01:55:15,089 --> 01:55:11,979

read this in you're like well this is

2371

01:55:18,089 --> 01:55:15,099

actually pretty easy for anybody to do

2372

01:55:22,020 --> 01:55:18,099

is this letting criminals know how to go

2373

01:55:25,560 --> 01:55:22,030

and do things I mean sure but every news

2374

01:55:26,729 --> 01:55:25,570

coverage of I just you know robbed a

2375

01:55:28,409 --> 01:55:26,739

bank which you know you get that

2376

01:55:31,919 --> 01:55:28,419

coverage every day says oh you can rob a

2377

01:55:34,560 --> 01:55:31,929

bank the only thing they do on those is

2378

01:55:36,750 --> 01:55:34,570

they don't really show much news

2379

01:55:38,040 --> 01:55:36,760

coverage of and they got away they only

2380

01:55:39,239 --> 01:55:38,050

show the coverage when the guy gets

2381

01:55:42,899 --> 01:55:39,249

arrested because they don't want to

2382

01:55:45,060 --> 01:55:42,909

encourage it like I mean should everyone

2383

01:55:46,770 --> 01:55:45,070

covers everything that could teach you

2384

01:55:49,079 --> 01:55:46,780

how to do all kinds of bad things it's

2385

01:55:51,179 --> 01:55:49,089

no different here now when we come back

2386

01:55:53,489 --> 01:55:51,189

after the break I'm gonna talk you talk

2387

01:55:55,049 --> 01:55:53,499

to you about the vetting process that

2388

01:55:58,829 --> 01:55:55,059

criminals have to go through on the dark

2389

01:56:01,379 --> 01:55:58,839

web right you can't obviously they have

2390

01:56:04,709 --> 01:56:01,389

to vet their criminal brethren oh

2391

01:56:10,799 --> 01:56:04,719

absolutely they have to vet them you

2392

01:56:14,699 --> 01:56:10,809

can't allow the FBI and ro or whoever in

2393

01:56:16,979 --> 01:56:14,709

the NSA to just sign up for you you know

2394

01:56:20,909 --> 01:56:16,989

you can't let the keys to the kingdom go

2395

01:56:26,719 --> 01:56:20,919

right right criminals are vetted they

2396

01:56:30,060 --> 01:56:26,729

are when if I was on the dark web

2397

01:56:32,729 --> 01:56:30,070

Greg and I'm not saying that that I ever

2398

01:56:34,919 --> 01:56:32,739

have been or that you have ever have

2399

01:56:37,919 --> 01:56:34,929

been so let's just talk in hypotheticals

2400

01:56:40,109 --> 01:56:37,929

here but if you Greg we're on the dark

2401
01:56:43,889 --> 01:56:40,119
web and you wanted to buy some really

2402
01:56:45,659 --> 01:56:43,899
good heroin right or it's on a fentanyl

2403
01:56:47,520 --> 01:56:45,669
and get it delivered

2404
01:56:49,229 --> 01:56:47,530
you just can't sign up to have that done

2405
01:56:49,660 --> 01:56:49,239
there's a whole process involved right

2406
01:56:55,209 --> 01:56:49,670
you have

2407
01:56:57,070 --> 01:56:55,219
background is vetted and all of this has

2408
01:56:59,770 --> 01:56:57,080
gone through it has to work that way

2409
01:57:01,030 --> 01:56:59,780
used to be so much easier and every year

2410
01:57:03,880 --> 01:57:01,040
it gets harder because sites keep

2411
01:57:05,410 --> 01:57:03,890
getting attacked right and the the

2412
01:57:07,720 --> 01:57:05,420
people operating them keep going to jail

2413
01:57:10,600 --> 01:57:07,730

so the vetting process has gotten

2414

01:57:13,600 --> 01:57:10,610

stronger and stronger as it goes so now

2415

01:57:16,510 --> 01:57:13,610

it's to the point where a user of the

2416

01:57:18,010 --> 01:57:16,520

site that's already vetted and one other

2417

01:57:20,410 --> 01:57:18,020

person from the site that's at least

2418

01:57:22,360 --> 01:57:20,420

like a moderator have to both know you

2419

01:57:24,700 --> 01:57:22,370

and invite you and vouch for you and

2420

01:57:27,130 --> 01:57:24,710

then you have to go through a bunch of

2421

01:57:29,320 --> 01:57:27,140

Hoops of answering a bunch of questions

2422

01:57:31,120 --> 01:57:29,330

that they think that you about not doing

2423

01:57:34,169 --> 01:57:31,130

this and then you've got to submit

2424

01:57:36,580 --> 01:57:34,179

almost a resume of stuff that you uh

2425

01:57:38,950 --> 01:57:36,590

that you've done in the past that prove

2426
01:57:44,800 --> 01:57:38,960
that you know you're just like them well

2427
01:57:46,330 --> 01:57:44,810
and if you're a heroin user this process

2428
01:57:49,600 --> 01:57:46,340
could take a long time you can go and do

2429
01:57:51,040 --> 01:57:49,610
withdrawals right depending on you know

2430
01:57:52,390 --> 01:57:51,050
one of the sites you're trying to sign

2431
01:57:55,270 --> 01:57:52,400
up to that that could be a two-week

2432
01:57:56,919 --> 01:57:55,280
process right your resource then you

2433
01:57:58,870 --> 01:57:56,929
could be having serious problems it's

2434
01:58:00,100 --> 01:57:58,880
like I was talking to someone at the

2435
01:58:02,169 --> 01:58:00,110
very beginning of all of us

2436
01:58:06,070 --> 01:58:02,179
Kovach stuff and they were yelling that

2437
01:58:07,390 --> 01:58:06,080
here in Massachusetts the the all the

2438
01:58:09,700 --> 01:58:07,400

alcohol was still available all the

2439

01:58:13,060 --> 01:58:09,710

stores were for liquor they were all

2440

01:58:15,490 --> 01:58:13,070

open and in what the hell how are those

2441

01:58:18,520 --> 01:58:15,500

two and I was like if this lasts long

2442

01:58:20,890 --> 01:58:18,530

enough people with alcoholism will die

2443

01:58:23,770 --> 01:58:20,900

in their homes if they don't have access

2444

01:58:25,479 --> 01:58:23,780

to it it is actually better to have them

2445

01:58:27,790 --> 01:58:25,489

still having access to it even though we

2446

01:58:31,120 --> 01:58:27,800

know that's a disease then having them

2447

01:58:33,880 --> 01:58:31,130

clog up the hospitals right now and they

2448

01:58:36,550 --> 01:58:33,890

were like oh now I get it now with

2449

01:58:39,520 --> 01:58:36,560

Bitcoin getting closer and closer to

2450

01:58:42,939 --> 01:58:39,530

somehow being normal you know I think

2451
01:58:47,709 --> 01:58:42,949
everybody now knows what a Bitcoin is

2452
01:58:51,250 --> 01:58:47,719
right and it's how easy is it to do a

2453
01:58:54,760 --> 01:58:51,260
Bitcoin transaction if I am new if I'm

2454
01:58:58,330 --> 01:58:54,770
new to Bitcoin right brand new how easy

2455
01:58:59,979 --> 01:58:58,340
is it for me to get a Bitcoin open an

2456
01:59:04,090 --> 01:58:59,989
account and go out and buy something

2457
01:59:06,580 --> 01:59:04,100
with a Bitcoin very I mean it depends on

2458
01:59:08,260 --> 01:59:06,590
kind of how strong you want your

2459
01:59:09,610 --> 01:59:08,270
platform to be like if you're looking

2460
01:59:12,130 --> 01:59:09,620
for something that you would look at

2461
01:59:14,229 --> 01:59:12,140
more like your bank then you're going to

2462
01:59:17,229 --> 01:59:14,239
someone like a coin base you know a US

2463
01:59:19,419 --> 01:59:17,239

company that kind of handles things in a

2464

01:59:21,010 --> 01:59:19,429

very Bank like way there there are a

2465

01:59:23,020 --> 01:59:21,020

hundred other sites you could go to that

2466

01:59:25,360 --> 01:59:23,030

you know as they get easier to access

2467

01:59:28,870 --> 01:59:25,370

and quicker to give you the Bitcoin the

2468

01:59:30,550 --> 01:59:28,880

less trustworthy they happen to be so

2469

01:59:31,900 --> 01:59:30,560

you got to kind of figure out where you

2470

01:59:33,100 --> 01:59:31,910

want to be but I mean there there are

2471

01:59:34,750 --> 01:59:33,110

websites you can go to right now and

2472

01:59:36,850 --> 01:59:34,760

just you know with a credit card buy

2473

01:59:38,709 --> 01:59:36,860

Bitcoin and by the time you've signed up

2474

01:59:40,900 --> 01:59:38,719

for the account bought it and spent it

2475

01:59:44,250 --> 01:59:40,910

you're you know twenty minutes in twenty

2476
01:59:47,500 --> 01:59:44,260
minutes in and so for these ransomware

2477
01:59:50,470 --> 01:59:47,510
guys out there these transactions are

2478
01:59:52,959 --> 01:59:50,480
done in Bitcoin right yeah but getting

2479
01:59:54,640 --> 01:59:52,969
you know large sums of Bitcoin is a

2480
01:59:56,320 --> 01:59:54,650
whole different story you've got to get

2481
01:59:58,300 --> 01:59:56,330
someone with that kind of Bitcoin to

2482
02:00:00,100 --> 01:59:58,310
sell you so you need one of the

2483
02:00:03,040 --> 02:00:00,110
institutional sellers to do it and a lot

2484
02:00:04,780 --> 02:00:03,050
of times that that works more like say

2485
02:00:07,030 --> 02:00:04,790
moving big stocks where you've got to

2486
02:00:08,950 --> 02:00:07,040
become you know bitcoins version of

2487
02:00:10,419 --> 02:00:08,960
accredited you know someone like a coin

2488
02:00:11,830 --> 02:00:10,429

base gives you an account that only lets

2489

02:00:13,660 --> 02:00:11,840

you play around with up to five thousand

2490

02:00:15,010 --> 02:00:13,670

dollars until you've done that for a

2491

02:00:16,900 --> 02:00:15,020

while and proven some things and

2492

02:00:18,850 --> 02:00:16,910

submitted extra documents and then then

2493

02:00:20,740 --> 02:00:18,860

maybe you can play with twenty and so on

2494

02:00:22,750 --> 02:00:20,750

and so on so suddenly having to pay a

2495

02:00:24,250 --> 02:00:22,760

million dollar ransom in Bitcoin they're

2496

02:00:25,810 --> 02:00:24,260

gonna look at you funny that's why

2497

02:00:27,550 --> 02:00:25,820

that's right giving you a million

2498

02:00:28,930 --> 02:00:27,560

dollars worth unless you could really

2499

02:00:31,209 --> 02:00:28,940

prove to us what you're gonna do with it

2500

02:00:32,860 --> 02:00:31,219

and we're okay with it right so you can

2501

02:00:34,390 --> 02:00:32,870

go find it though I mean it's it again

2502

02:00:35,890 --> 02:00:34,400

it's one of those things if you really

2503

02:00:37,600 --> 02:00:35,900

know what you're doing you'll find a

2504

02:00:39,340 --> 02:00:37,610

million dollars in Bitcoin that they'll

2505

02:00:42,040 --> 02:00:39,350

sell you they'll just gonna charge you a

2506

02:00:44,229 --> 02:00:42,050

little extra fee for how fast you want

2507

02:00:45,900 --> 02:00:44,239

it let's take our break right here our

2508

02:00:48,470 --> 02:00:45,910

guest tonight Gregg Housh

2509

02:00:51,230 --> 02:00:48,480

discussing this hack

2510

02:00:54,140 --> 02:00:51,240

with Grubman and associates in new york

2511

02:00:57,080 --> 02:00:54,150

city demanding twenty five forty two

2512

02:00:59,780 --> 02:00:57,090

billion dollars in ransom how they got

2513

02:01:01,250 --> 02:00:59,790

it done how do you pay the ransom we'll

2514

02:01:10,689 --> 02:01:01,260

follow up with everything after this

2515

02:01:16,520 --> 02:01:13,970

this is kera digital broadcasting

2516

02:01:19,790 --> 02:01:16,530

station Salt Lake City Utah

2517

02:01:21,950 --> 02:01:19,800

Van Buren Arkansas Kwasi we're not very

2518

02:01:22,399 --> 02:01:21,960

good with our health regimen until it's

2519

02:01:24,410 --> 02:01:22,409

too late

2520

02:01:26,240 --> 02:01:24,420

we don't put oil in the car until the

2521

02:01:29,029 --> 02:01:26,250

engine blows up when the body's out of

2522

02:01:31,279 --> 02:01:29,039

balance your health is not so good give

2523

02:01:34,549 --> 02:01:31,289

your body some love log on to get the

2524

02:01:36,709 --> 02:01:34,559

t.com that's get the t-dot-com try our

2525

02:01:39,740 --> 02:01:36,719

life change tea which cleanses you from

2526
02:01:41,209 --> 02:01:39,750
harmful intruders a clean colon is one

2527
02:01:42,859 --> 02:01:41,219
of the ways to bring the body and

2528
02:01:45,200 --> 02:01:42,869
balance we also carry organic

2529
02:01:47,720 --> 02:01:45,210
supplements to help you get where you

2530
02:01:50,029 --> 02:01:47,730
need to go so do your body a favor

2531
02:01:53,569 --> 02:01:50,039
log on to get the tea calm that's get

2532
02:01:56,270 --> 02:01:53,579
the TTE a calm you can even visit our

2533
02:01:58,069 --> 02:01:56,280
sales page to save some dough does

2534
02:01:59,959 --> 02:01:58,079
anybody call money dough anymore

2535
02:02:02,299 --> 02:01:59,969
anyway if you're looking for short

2536
02:02:05,209 --> 02:02:02,309
helpful health tips go to youtube and

2537
02:02:10,069 --> 02:02:05,219
punch in health matters now that's

2538
02:02:13,459 --> 02:02:10,079

health matters now so log on to get the

2539

02:02:16,430 --> 02:02:13,469

t.com shop get balanced then learn some

2540

02:02:17,089 --> 02:02:16,440

cool tips at health matters now you'll

2541

02:02:21,319 --> 02:02:17,099

be glad you did

2542

02:02:24,529 --> 02:02:21,329

that's get the t.com your contact for

2543

02:02:28,339 --> 02:02:24,539

current news and trending topics jgr a

2544

02:02:30,620 --> 02:02:28,349

radio.com this is Jimmy Church of fade

2545

02:02:33,740 --> 02:02:30,630

to black and I only drink

2546

02:02:36,290 --> 02:02:33,750

fade to black blend coffee from River

2547

02:02:39,109 --> 02:02:36,300

Moon just click on the River Moon coffee

2548

02:02:43,370 --> 02:02:39,119

banner at Jimmy Church radio.com promo

2549

02:02:46,279 --> 02:02:43,380

code f2b blend so are you tired of being

2550

02:02:48,379 --> 02:02:46,289

tired well then it's time to get the tea

2551
02:02:50,930 --> 02:02:48,389
hey it's Lisa here to tell you about

2552
02:02:52,970 --> 02:02:50,940
this all-natural all organic tea I've

2553
02:02:54,080 --> 02:02:52,980
been drinking that has had great results

2554
02:02:57,020 --> 02:02:54,090
for over 20 years

2555
02:02:58,850 --> 02:02:57,030
it's called life changed tea and it's

2556
02:03:01,490 --> 02:02:58,860
specially formulated to help detoxify

2557
02:03:04,160 --> 02:03:01,500
and cleanse your kidneys liver colon and

2558
02:03:05,569 --> 02:03:04,170
blood all at once the colon is one of

2559
02:03:08,330 --> 02:03:05,579
the most ignored organs in the human

2560
02:03:10,129 --> 02:03:08,340
body the faster that waste is eliminated

2561
02:03:12,140 --> 02:03:10,139
from the body the less time that way

2562
02:03:14,060 --> 02:03:12,150
sits in our intestines spreading toxins

2563
02:03:16,010 --> 02:03:14,070

to our bloodstream this tea helps

2564

02:03:18,259 --> 02:03:16,020

cleanse chemicals caused by outside

2565

02:03:20,930 --> 02:03:18,269

intruders from our entire digestive

2566

02:03:22,310 --> 02:03:20,940

system and get this weight loss can be a

2567

02:03:24,410 --> 02:03:22,320

side effect and

2568

02:03:26,390 --> 02:03:24,420

with continued use of the tea you can

2569

02:03:28,970 --> 02:03:26,400

experience clearer healthier younger

2570

02:03:30,800 --> 02:03:28,980

looking skin increased energy and a

2571

02:03:31,970 --> 02:03:30,810

happier outlook on life so if you're

2572

02:03:34,879 --> 02:03:31,980

tired of being tired

2573

02:03:38,750 --> 02:03:34,889

get the life changed tea at get the tea

2574

02:03:40,270 --> 02:03:38,760

calm that's get the tea calm and like me

2575

02:03:42,470 --> 02:03:40,280

you'll be glad you did

2576

02:03:44,180 --> 02:03:42,480

did you know that when you're on the

2577

02:03:46,640 --> 02:03:44,190

road with limited data or Wi-Fi

2578

02:03:48,560 --> 02:03:46,650

available you can still listen to every

2579

02:03:51,350 --> 02:03:48,570

minute a fade to black by just calling

2580

02:03:54,410 --> 02:03:51,360

six oh five five six two four four eight

2581

02:03:56,899 --> 02:03:54,420

two no smartphone app or Internet needed

2582

02:03:59,479 --> 02:03:56,909

it saves your data plan and no extra

2583

02:04:02,300 --> 02:03:59,489

cost if you have unlimited minutes just

2584

02:04:04,459 --> 02:04:02,310

call six oh five five six two four four

2585

02:04:07,189 --> 02:04:04,469

eight two you can listen to me Jimmy

2586

02:04:14,040 --> 02:04:07,199

Church on any phone anytime anywhere

2587

02:04:18,080 --> 02:04:15,730

[Music]

2588

02:04:20,370 --> 02:04:18,090

[Applause]

2589

02:04:24,450 --> 02:04:20,380

you want to know a secret

2590

02:04:27,420 --> 02:04:24,460

I love ponies I really love ponies I'm

2591

02:04:31,950 --> 02:04:27,430

serious I couldn't stay sane without

2592

02:04:37,200 --> 02:04:31,960

Pony mr. Brooks I fade to black because

2593

02:04:41,200 --> 02:04:39,040

this is fade to black

2594

02:04:44,860 --> 02:04:41,210

with Jimmy Church on the game changer

2595

02:04:47,270 --> 02:04:44,870

radio network at K GRA the global radio

2596

02:05:00,830 --> 02:04:47,280

alliance

2597

02:05:04,820 --> 02:05:03,020

welcome back fade to black I am your

2598

02:05:07,940 --> 02:05:04,830

host him you church tonight our guest

2599

02:05:10,870 --> 02:05:07,950

Gregg Housh talking about the recent

2600

02:05:15,110 --> 02:05:10,880

hacking of a New York law firm by the

2601
02:05:17,330 --> 02:05:15,120
malware our evil they stole secret files

2602
02:05:21,380 --> 02:05:17,340
on our demanding ransom of 42 million

2603
02:05:24,290 --> 02:05:21,390
dollars and were threatening to reveal

2604
02:05:27,110 --> 02:05:24,300
dirty laundry dirty laundry and Donald

2605
02:05:29,360 --> 02:05:27,120
Trump it apparently Gregg has let us

2606
02:05:32,060 --> 02:05:29,370
know that that information on Donald

2607
02:05:34,070 --> 02:05:32,070
Trump has been purchased now I would

2608
02:05:38,960 --> 02:05:34,080
assume Gregg that that was purchased

2609
02:05:41,690 --> 02:05:38,970
with Bitcoin how the the one thing about

2610
02:05:46,670 --> 02:05:41,700
Bitcoin that is so talked about is that

2611
02:05:50,360 --> 02:05:46,680
it is anonymous no pun intended and its

2612
02:05:53,330 --> 02:05:50,370
use is virtually untraceable certainly

2613
02:05:57,110 --> 02:05:53,340

if you want to go down that road your

2614

02:05:59,660 --> 02:05:57,120

activities are virtually invisible is

2615

02:06:05,030 --> 02:05:59,670

that actually the case when we talk

2616

02:06:08,480 --> 02:06:05,040

about Bitcoin no the bitcoin is not

2617

02:06:11,420 --> 02:06:08,490

anonymous in itself and as itself and

2618

02:06:13,490 --> 02:06:11,430

even its initial documentation hasn't

2619

02:06:14,960 --> 02:06:13,500

claimed to be it has been many other

2620

02:06:18,250 --> 02:06:14,970

people in the community who have claimed

2621

02:06:22,700 --> 02:06:18,260

that it somehow offers that ability you

2622

02:06:24,500 --> 02:06:22,710

you have to buy the Bitcoin so right

2623

02:06:26,420 --> 02:06:24,510

then and there there's money that's

2624

02:06:29,450 --> 02:06:26,430

that's the worst trail you can ever have

2625

02:06:32,150 --> 02:06:29,460

right so depending on how you've bought

2626

02:06:34,190 --> 02:06:32,160

it you know like here locally in my town

2627

02:06:36,320 --> 02:06:34,200

I there's a Liberty a place that I can

2628

02:06:38,570 --> 02:06:36,330

go to and I can actually buy Bitcoin

2629

02:06:41,060 --> 02:06:38,580

which is straight cash without giving my

2630

02:06:43,940 --> 02:06:41,070

name and they give me a code but that

2631

02:06:45,200 --> 02:06:43,950

goes into an app that's on my phone so

2632

02:06:47,030 --> 02:06:45,210

right there there's some identifying

2633

02:06:48,410 --> 02:06:47,040

data already and if you've got you know

2634

02:06:50,240 --> 02:06:48,420

you're the other saying you've got some

2635

02:06:54,050 --> 02:06:50,250

malware on my phone you know what I just

2636

02:06:55,460 --> 02:06:54,060

did so you know it's it's not truly

2637

02:06:59,030 --> 02:06:55,470

anonymous in any of these types of

2638

02:07:01,520 --> 02:06:59,040

senses but can you anonymize it sure

2639

02:07:03,830 --> 02:07:01,530

there are ways to make it really hard to

2640

02:07:04,780 --> 02:07:03,840

track if you do a lot of extra technical

2641

02:07:07,730 --> 02:07:04,790

stuff

2642

02:07:10,270 --> 02:07:07,740

most of these start with tools called

2643

02:07:12,130 --> 02:07:10,280

tumblers where

2644

02:07:14,410 --> 02:07:12,140

where it's really interesting like let's

2645

02:07:16,330 --> 02:07:14,420

say there are five people who need to

2646

02:07:18,580 --> 02:07:16,340

spend Bitcoin but they don't want it to

2647

02:07:20,410 --> 02:07:18,590

be tracked to them they've got five

2648

02:07:22,420 --> 02:07:20,420

addresses that they need to send to the

2649

02:07:23,980 --> 02:07:22,430

Bitcoin to get bitcoins these big long

2650

02:07:27,310 --> 02:07:23,990

strings that are called addresses right

2651
02:07:29,950 --> 02:07:27,320
mm-hm and and then they all send to the

2652
02:07:32,770 --> 02:07:29,960
tumblr with the metadata of tumblr could

2653
02:07:35,200 --> 02:07:32,780
you send this to that address the tumblr

2654
02:07:38,020 --> 02:07:35,210
then takes all of their Bitcoin mixes it

2655
02:07:39,760 --> 02:07:38,030
up together buys other Bitcoin sells

2656
02:07:42,040 --> 02:07:39,770
other Bitcoin trades it in for Bitcoin

2657
02:07:44,740 --> 02:07:42,050
it already has whatever moves it all

2658
02:07:47,560 --> 02:07:44,750
around a hundred times and then sends

2659
02:07:49,660 --> 02:07:47,570
some other random bitcoins off to those

2660
02:07:51,670 --> 02:07:49,670
end results and because it's moved

2661
02:07:53,680 --> 02:07:51,680
through so many different addresses and

2662
02:07:55,690 --> 02:07:53,690
so many different owners by the time it

2663
02:07:59,380 --> 02:07:55,700

gets to the other end saying that that

2664

02:08:01,630 --> 02:07:59,390

one person paid that one person is much

2665

02:08:03,430 --> 02:08:01,640

harder now there are many tumblr

2666

02:08:05,350 --> 02:08:03,440

services out there and some are way

2667

02:08:08,170 --> 02:08:05,360

better than others some have been

2668

02:08:10,570 --> 02:08:08,180

defeated some haven't but that's that's

2669

02:08:12,070 --> 02:08:10,580

the easiest way to do it because tumblr

2670

02:08:16,030 --> 02:08:12,080

services you can actually just like sign

2671

02:08:19,900 --> 02:08:16,040

up for and set up accounts and hours now

2672

02:08:23,980 --> 02:08:19,910

if we're talking about 42 million

2673

02:08:30,720 --> 02:08:23,990

dollars in Bitcoin how easy is that

2674

02:08:34,630 --> 02:08:30,730

for these hackers to receive and and to

2675

02:08:37,600 --> 02:08:34,640

to you know stay invisible is the best

2676

02:08:39,460 --> 02:08:37,610

word to put it it's very hard most of

2677

02:08:41,560 --> 02:08:39,470

the major ransom payouts that have

2678

02:08:43,900 --> 02:08:41,570

happened in Bitcoin have been traceable

2679

02:08:45,940 --> 02:08:43,910

to a point like you know they see the

2680

02:08:48,070 --> 02:08:45,950

initial address they've sent it to there

2681

02:08:49,930 --> 02:08:48,080

are all kinds of tracking tools out

2682

02:08:52,120 --> 02:08:49,940

there you can look at the blockchain and

2683

02:08:53,950 --> 02:08:52,130

see you know that money went into this

2684

02:08:56,140 --> 02:08:53,960

one and then from there into this other

2685

02:08:57,790 --> 02:08:56,150

one and then from there was split among

2686

02:09:00,310 --> 02:08:57,800

these three and so on and so on and if

2687

02:09:02,800 --> 02:09:00,320

you follow it through the chain you'll

2688

02:09:05,200 --> 02:09:02,810

usually find that you know it was 40

2689

02:09:07,420 --> 02:09:05,210

million and 5 million ended up in this

2690

02:09:09,760 --> 02:09:07,430

one exchange in Vietnam and five million

2691

02:09:11,680 --> 02:09:09,770

ended up in this one in Germany and then

2692

02:09:14,800 --> 02:09:11,690

it might end up going out to 50 other

2693

02:09:16,960 --> 02:09:14,810

people so again you know one of the

2694

02:09:19,260 --> 02:09:16,970

things that can happen with certain

2695

02:09:21,880 --> 02:09:19,270

cryptocurrency type transactions is

2696

02:09:22,620 --> 02:09:21,890

certain addresses coins that go through

2697

02:09:27,360 --> 02:09:22,630

them

2698

02:09:29,669 --> 02:09:27,370

get marked as dirty in a way where the

2699

02:09:31,800 --> 02:09:29,679

exchanges all know they've got a list of

2700

02:09:36,360 --> 02:09:31,810

coins that are that are obviously either

2701
02:09:38,160 --> 02:09:36,370
from hacks or from ransoms and so they

2702
02:09:40,229 --> 02:09:38,170
can even you know once those go into

2703
02:09:43,020 --> 02:09:40,239
their accounts if let's say you show up

2704
02:09:44,970 --> 02:09:43,030
with one of those coins on coinbase like

2705
02:09:47,310 --> 02:09:44,980
someone sends it to you they'll know

2706
02:09:48,689 --> 02:09:47,320
that came from a ransom and they'll be

2707
02:09:50,899 --> 02:09:48,699
able to alert authorities if they feel

2708
02:09:53,399 --> 02:09:50,909
like it I mean that's on them really um

2709
02:09:55,709 --> 02:09:53,409
that we have an account user that looks

2710
02:09:57,330 --> 02:09:55,719
to be a normal guy that doesn't look to

2711
02:09:59,610 --> 02:09:57,340
have had anything to do with it but

2712
02:10:01,950 --> 02:09:59,620
somehow has one of those coins maybe you

2713
02:10:04,260 --> 02:10:01,960

want to follow back from him you know

2714

02:10:08,129 --> 02:10:04,270

things like that so there are trails

2715

02:10:10,100 --> 02:10:08,139

everywhere it's pretty hard but again

2716

02:10:14,100 --> 02:10:10,110

the hackers behind this one have been

2717

02:10:15,270 --> 02:10:14,110

really really good again the numbers

2718

02:10:19,830 --> 02:10:15,280

that we're talking about is they've

2719

02:10:23,010 --> 02:10:19,840

extracted two billion dollars now good

2720

02:10:24,090 --> 02:10:23,020

the are the extreme they're obfuscating

2721

02:10:26,970 --> 02:10:24,100

they're switching to other crypto

2722

02:10:28,800 --> 02:10:26,980

currencies they are really good and it

2723

02:10:30,689 --> 02:10:28,810

takes a certain level to be there like I

2724

02:10:32,250 --> 02:10:30,699

would be surprised if one of these

2725

02:10:33,930 --> 02:10:32,260

people wasn't trained by like a

2726
02:10:39,360 --> 02:10:33,940
government to be on one of their hacking

2727
02:10:44,040 --> 02:10:39,370
squads the the ability to do this is one

2728
02:10:49,080 --> 02:10:44,050
thing and then the exchanges on the

2729
02:10:51,660 --> 02:10:49,090
other hand want to be part of the the

2730
02:10:55,680 --> 02:10:51,670
rebel Bitcoin community and what it

2731
02:10:58,260 --> 02:10:55,690
represents but they also odd to be right

2732
02:11:01,709 --> 02:10:58,270
well of course and then others want to

2733
02:11:04,229 --> 02:11:01,719
be legitimate like a normal like a

2734
02:11:08,970 --> 02:11:04,239
normal bank and have that have that

2735
02:11:12,240 --> 02:11:08,980
image so what are they are they ready

2736
02:11:15,990 --> 02:11:12,250
and willing to share information with

2737
02:11:18,479 --> 02:11:16,000
different law enforcement authorities

2738
02:11:21,090 --> 02:11:18,489

around the world and does that tarnish

2739

02:11:23,189 --> 02:11:21,100

the reputation for those criminals that

2740

02:11:25,919 --> 02:11:23,199

are washing Willing most of them aren't

2741

02:11:28,340 --> 02:11:25,929

set up in a way where they're just gonna

2742

02:11:31,260 --> 02:11:28,350

offer up the information out of nowhere

2743

02:11:33,120 --> 02:11:31,270

they try to stick to the letter of the

2744

02:11:35,700 --> 02:11:33,130

law so you know coinbase here has

2745

02:11:37,770 --> 02:11:35,710

certain reporting responsibilities

2746

02:11:40,340 --> 02:11:37,780

due to the regulations of the financial

2747

02:11:45,530 --> 02:11:40,350

institutions they're interacting with so

2748

02:11:48,030 --> 02:11:45,540

they do have some absolutely regulated

2749

02:11:51,060 --> 02:11:48,040

reasons that they have to report certain

2750

02:11:53,250 --> 02:11:51,070

things due to just how strong the

2751

02:11:55,080 --> 02:11:53,260

financial regulations are but for the

2752

02:11:57,030 --> 02:11:55,090

most part if they just know that this

2753

02:11:59,250 --> 02:11:57,040

looks fishy they're not just gonna call

2754

02:12:01,860 --> 02:11:59,260

the cops on you they don't want their

2755

02:12:05,790 --> 02:12:01,870

reputation ever tarnished by the fact

2756

02:12:07,970 --> 02:12:05,800

that they initiated the action depending

2757

02:12:10,950 --> 02:12:07,980

on what type of action it is they might

2758

02:12:13,020 --> 02:12:10,960

fight a warrant for information or they

2759

02:12:14,370 --> 02:12:13,030

might not fight that warrant and just

2760

02:12:16,020 --> 02:12:14,380

let it go through but either way they

2761

02:12:17,640 --> 02:12:16,030

kind of want the government to at least

2762

02:12:19,740 --> 02:12:17,650

take that step so they can have some

2763

02:12:21,600 --> 02:12:19,750

deniability and ever actually working

2764

02:12:24,330 --> 02:12:21,610

with the government you know willingly

2765

02:12:25,709 --> 02:12:24,340

now we were talking before the break and

2766

02:12:29,100 --> 02:12:25,719

I'm going to get back to it

2767

02:12:33,630 --> 02:12:29,110

the vetting of criminals all right

2768

02:12:36,840 --> 02:12:33,640

this is something that has to happen in

2769

02:12:41,130 --> 02:12:36,850

the dark web and for the dark web to

2770

02:12:44,820 --> 02:12:41,140

operate effectively that that has to go

2771

02:12:46,350 --> 02:12:44,830

down and I know it sounds strange but

2772

02:12:49,860 --> 02:12:46,360

there has to be a certain amount of

2773

02:12:53,190 --> 02:12:49,870

honor amongst thieves and it has to

2774

02:12:56,010 --> 02:12:53,200

happen that way and and these guys on

2775

02:12:57,090 --> 02:12:56,020

the dark web are absolute criminals to

2776

02:13:01,410 --> 02:12:57,100

the core

2777

02:13:04,350 --> 02:13:01,420

it's their job but well criminals will

2778

02:13:07,560 --> 02:13:04,360

also screw other criminals and that is

2779

02:13:09,900 --> 02:13:07,570

happening on the dark web probably as

2780

02:13:12,180 --> 02:13:09,910

much as anything else that is going on

2781

02:13:16,470 --> 02:13:12,190

out there it is that crazy of an

2782

02:13:19,320 --> 02:13:16,480

environment isn't it it is for the dark

2783

02:13:21,209 --> 02:13:19,330

web ones you know you've got a you've

2784

02:13:24,930 --> 02:13:21,219

got to know someone who knows someone or

2785

02:13:27,450 --> 02:13:24,940

work your way up you know so you might

2786

02:13:30,390 --> 02:13:27,460

end up on some of the more plain text

2787

02:13:31,709 --> 02:13:30,400

ones like say if you don't want to go

2788

02:13:33,830 --> 02:13:31,719

over to the dark web but you want to

2789

02:13:36,840 --> 02:13:33,840

kind of start playing around with the

2790

02:13:38,670 --> 02:13:36,850

the lesser forms of this you'd go to

2791

02:13:41,280 --> 02:13:38,680

raid forums it's literally a trade

2792

02:13:43,140 --> 02:13:41,290

forums calm right there

2793

02:13:44,970 --> 02:13:43,150

go have fun there's multiple data

2794

02:13:47,529 --> 02:13:44,980

breaches there for sale every day you

2795

02:13:49,689 --> 02:13:47,539

can sign right up

2796

02:13:51,310 --> 02:13:49,699

but you know you'll you'll earn a record

2797

02:13:53,020 --> 02:13:51,320

there of someone who's actually done

2798

02:13:54,339 --> 02:13:53,030

pretty good for a while and then you'll

2799

02:13:56,709 --> 02:13:54,349

make friends with a few people on the

2800

02:13:58,120 --> 02:13:56,719

dark web and you know by the time you're

2801

02:14:00,100 --> 02:13:58,130

looking to kind of take that next step

2802

02:14:03,250 --> 02:14:00,110

and really move up in your criminal

2803

02:14:05,740 --> 02:14:03,260

activity you're going to get two of them

2804

02:14:08,140 --> 02:14:05,750

on a site to go to the admins and vouch

2805

02:14:09,640 --> 02:14:08,150

for you and it's it's never one it's

2806

02:14:11,410 --> 02:14:09,650

always at least two that have to vouch

2807

02:14:13,359 --> 02:14:11,420

for you for the for the good forums

2808

02:14:15,970 --> 02:14:13,369

anyways for the good sites on the dark

2809

02:14:18,339 --> 02:14:15,980

web and I say good like in terms of

2810

02:14:20,950 --> 02:14:18,349

their quality for the criminals not that

2811

02:14:23,589 --> 02:14:20,960

they're doing good they are not uh-huh

2812

02:14:25,330 --> 02:14:23,599

but you know so you've got to have

2813

02:14:26,529 --> 02:14:25,340

vouchers and then you show up and

2814

02:14:28,600 --> 02:14:26,539

usually you're in some kind of a

2815

02:14:30,009 --> 02:14:28,610

restricted state to start where you

2816

02:14:31,509 --> 02:14:30,019

can't just show up on day one and start

2817

02:14:34,209 --> 02:14:31,519

like selling your wares you've got a you

2818

02:14:36,939 --> 02:14:34,219

know actually hang out talk to people

2819

02:14:38,439 --> 02:14:36,949

get a feel for things post a lot before

2820

02:14:40,720 --> 02:14:38,449

they really start allowing you to have

2821

02:14:46,149 --> 02:14:40,730

more features and and use more of the

2822

02:14:48,100 --> 02:14:46,159

stuff and how far does the vetting go

2823

02:14:52,240 --> 02:14:48,110

it's one thing to build relationships

2824

02:14:54,850 --> 02:14:52,250

and build your reputation but does does

2825

02:14:59,649 --> 02:14:54,860

it go beyond that do they look into your

2826
02:15:01,720 --> 02:14:59,659
background some do again it depends on

2827
02:15:05,529 --> 02:15:01,730
kind of the level there is a dark web

2828
02:15:08,859 --> 02:15:05,539
forum that is specifically for managing

2829
02:15:11,979 --> 02:15:08,869
the collections of stolen merchant

2830
02:15:13,779 --> 02:15:11,989
accounts which is what people use to of

2831
02:15:15,100 --> 02:15:13,789
course charge all the credit cards they

2832
02:15:17,649 --> 02:15:15,110
get in the big credit card dumps they

2833
02:15:21,430 --> 02:15:17,659
take like you know the giant TJX hack or

2834
02:15:25,000 --> 02:15:21,440
any of those on on the couple forums

2835
02:15:27,009 --> 02:15:25,010
that do that the vetting to get access

2836
02:15:28,479 --> 02:15:27,019
to that level of the game which is where

2837
02:15:31,779 --> 02:15:28,489
they're playing with you know the

2838
02:15:35,229 --> 02:15:31,789

millions and the billions that takes

2839

02:15:38,470 --> 02:15:35,239

real-world vetting that takes multiple

2840

02:15:40,660 --> 02:15:38,480

users vetting you that takes you proving

2841

02:15:44,080 --> 02:15:40,670

a big thing that you've done in the past

2842

02:15:46,689 --> 02:15:44,090

to them and showing up with what you

2843

02:15:48,069 --> 02:15:46,699

might refer to as a gift you know

2844

02:15:50,140 --> 02:15:48,079

something to give them that they don't

2845

02:15:52,479 --> 02:15:50,150

have yet that they could really use you

2846

02:15:54,220 --> 02:15:52,489

know I mean you've got to go through a

2847

02:15:55,990 --> 02:15:54,230

lot and then on those don't do a lot of

2848

02:15:57,450 --> 02:15:56,000

other things I mean though don't want to

2849

02:16:00,209 --> 02:15:57,460

know who you are the one who

2850

02:16:02,940 --> 02:16:00,219

do background checks they will verify

2851

02:16:05,340 --> 02:16:02,950

that you aren't it's almost like um you

2852

02:16:07,080 --> 02:16:05,350

know you can't have a judge that

2853

02:16:09,560 --> 02:16:07,090

currently is sitting well you're not

2854

02:16:12,390 --> 02:16:09,570

supposed to that has serious debt

2855

02:16:14,850 --> 02:16:12,400

outside of normal debt like a mortgage

2856

02:16:17,070 --> 02:16:14,860

and student loans are fine but if you've

2857

02:16:18,750 --> 02:16:17,080

got a sitting judge with gambling debt

2858

02:16:20,850 --> 02:16:18,760

even if it's a legal type of gambling or

2859

02:16:22,260 --> 02:16:20,860

something that's a problem and they

2860

02:16:25,080 --> 02:16:22,270

usually are supposed to be sidelined

2861

02:16:27,840 --> 02:16:25,090

until that's cleaned up right there are

2862

02:16:30,209 --> 02:16:27,850

certain cops in in in like the LA County

2863

02:16:32,850 --> 02:16:30,219

sheriff's actually watch their credit

2864

02:16:34,799 --> 02:16:32,860

ratings and if they drop a so a certain

2865

02:16:37,950 --> 02:16:34,809

level they actually do an internal

2866

02:16:39,480 --> 02:16:37,960

investigation to find out what exactly

2867

02:16:41,520 --> 02:16:39,490

is going on that this guy's having this

2868

02:16:45,600 --> 02:16:41,530

much financial trouble because financial

2869

02:16:47,549 --> 02:16:45,610

trouble is leverage and so they'll do

2870

02:16:50,009 --> 02:16:47,559

that level of checking before they'll

2871

02:16:54,060 --> 02:16:50,019

let people into the really deep parts

2872

02:16:57,419 --> 02:16:54,070

now the I'll make a confession right now

2873

02:17:00,540 --> 02:16:57,429

to everybody that is listening I have

2874

02:17:01,560 --> 02:17:00,550

never gone and checked out the dark web

2875

02:17:03,780 --> 02:17:01,570

okay

2876

02:17:06,600 --> 02:17:03,790

and now with all of my research and Greg

2877

02:17:09,410 --> 02:17:06,610

and I talking over the years and and all

2878

02:17:15,360 --> 02:17:09,420

of the information that I have collected

2879

02:17:18,480 --> 02:17:15,370

and and I know how to do I'm scared I'm

2880

02:17:21,060 --> 02:17:18,490

absolutely scared I don't want to go

2881

02:17:24,330 --> 02:17:21,070

right so I haven't done it but then

2882

02:17:28,500 --> 02:17:24,340

through that research Greg and I have

2883

02:17:32,700 --> 02:17:28,510

read many many times that the dark web

2884

02:17:36,890 --> 02:17:32,710

the tor browser and and everything that

2885

02:17:41,820 --> 02:17:36,900

was set up was was a government project

2886

02:17:45,000 --> 02:17:41,830

right that this was a way to to do

2887

02:17:47,640 --> 02:17:45,010

things more efficiently while the

2888

02:17:50,580 --> 02:17:47,650

regular WW was being set up and those

2889

02:17:54,570 --> 02:17:50,590

protocols were there but that was the

2890

02:17:56,669 --> 02:17:54,580

start of the dark web and can you

2891

02:18:02,190 --> 02:17:56,679

confirm this part of the urban myth

2892

02:18:06,089 --> 02:18:02,200

behind the dark web well okay sure

2893

02:18:08,759 --> 02:18:06,099

um so tour started out as a government

2894

02:18:10,620 --> 02:18:08,769

project the initial codebase something

2895

02:18:15,089 --> 02:18:10,630

you know that complicated started out

2896

02:18:18,480 --> 02:18:15,099

and it was basically given out his

2897

02:18:22,440 --> 02:18:18,490

open-source and a group of open-source

2898

02:18:24,690 --> 02:18:22,450

people kind of coalesced around it and

2899

02:18:28,620 --> 02:18:24,700

started building on top of it the

2900

02:18:30,629 --> 02:18:28,630

government stopped developing it and the

2901

02:18:32,759 --> 02:18:30,639

code base was gone over you know head to

2902

02:18:35,730 --> 02:18:32,769

toe every bit of it by the outside

2903

02:18:39,150 --> 02:18:35,740

engineers and it's at this point you

2904

02:18:40,589 --> 02:18:39,160

know years and years decades away from

2905

02:18:44,070 --> 02:18:40,599

you know any actual like government

2906

02:18:46,320 --> 02:18:44,080

input on it the the more interesting

2907

02:18:48,780 --> 02:18:46,330

side of things is not that it in itself

2908

02:18:51,450 --> 02:18:48,790

started that way but when you look at

2909

02:18:55,259 --> 02:18:51,460

things like tor and other systems like

2910

02:18:58,139 --> 02:18:55,269

that you you have to look at the

2911

02:19:00,299 --> 02:18:58,149

connections so like taurah does Onion

2912

02:19:01,889 --> 02:19:00,309

Routing which means you know it encrypts

2913

02:19:03,540 --> 02:19:01,899

and then sends to the next world which

2914

02:19:05,339 --> 02:19:03,550

encrypts and so on and so on and then at

2915

02:19:07,080 --> 02:19:05,349

the end of decrypt the layers and you

2916

02:19:09,150 --> 02:19:07,090

know the layers of the onion kind of

2917

02:19:11,790 --> 02:19:09,160

right mm-hm so it doesn't just go from

2918

02:19:14,160 --> 02:19:11,800

you to one server to the place you were

2919

02:19:16,070 --> 02:19:14,170

trying to go it goes from you to another

2920

02:19:18,660 --> 02:19:16,080

to another to another with the hope that

2921

02:19:20,490 --> 02:19:18,670

when it comes out the other end and goes

2922

02:19:22,290 --> 02:19:20,500

to whatever web server or whatever

2923

02:19:24,719 --> 02:19:22,300

communications channel you were trying

2924

02:19:27,330 --> 02:19:24,729

to talk to they can't tell which server

2925

02:19:32,040 --> 02:19:27,340

it entered on and thereby also tell who

2926

02:19:34,200 --> 02:19:32,050

you are right how many of those nodes

2927

02:19:37,709 --> 02:19:34,210

are run by people that we trust is

2928

02:19:38,969 --> 02:19:37,719

always my question and that's the one

2929

02:19:40,469 --> 02:19:38,979

that's been the hardest one to kind of

2930

02:19:43,020 --> 02:19:40,479

nail down because there there were some

2931

02:19:45,719 --> 02:19:43,030

periods in time where there were large

2932

02:19:48,209 --> 02:19:45,729

percentages of tor nodes in places where

2933

02:19:50,310 --> 02:19:48,219

you would expect there to be government

2934

02:19:53,340 --> 02:19:50,320

controlled servers and at a certain

2935

02:19:55,410 --> 02:19:53,350

point you know having that many nodes

2936

02:19:58,590 --> 02:19:55,420

leads to forms of attack that allow you

2937

02:19:59,790 --> 02:19:58,600

to ID which node they came in on and if

2938

02:20:01,980 --> 02:19:59,800

they came in on a node that you

2939

02:20:04,080 --> 02:20:01,990

controlled and you were able to ID it

2940

02:20:06,090 --> 02:20:04,090

was that node and where they were trying

2941

02:20:09,750 --> 02:20:06,100

to go then you know by that point you

2942

02:20:12,420 --> 02:20:09,760

can ID the person so that was always my

2943

02:20:16,440 --> 02:20:12,430

fear it doesn't look like they've

2944

02:20:19,350 --> 02:20:16,450

actually pulled that attack off yet in

2945

02:20:21,630 --> 02:20:19,360

any real way most of the attacks that

2946

02:20:23,760 --> 02:20:21,640

look like they have happened while

2947

02:20:24,520 --> 02:20:23,770

someone was also using tor were usually

2948

02:20:27,360 --> 02:20:24,530

down to that you

2949

02:20:31,150 --> 02:20:27,370

our making a hundred other mistakes like

2950

02:20:33,520 --> 02:20:31,160

you know when I go to visit a website on

2951

02:20:36,011 --> 02:20:33,530

my computer I type in letters I don't

2952

02:20:37,360 --> 02:20:36,021

type in numbers but those letters have

2953

02:20:39,461 --> 02:20:37,370

to be turned into numbers for my

2954

02:20:44,051 --> 02:20:39,471

computer to get there right mm-hmm let's

2955

02:20:48,280 --> 02:20:44,061

say I'm on the dark web and my web

2956

02:20:50,820 --> 02:20:48,290

browser isn't routing those requests to

2957

02:20:53,620 --> 02:20:50,830

turn that domain name into an IP address

2958

02:20:55,270 --> 02:20:53,630

into the numbers through the dark web

2959

02:20:58,480 --> 02:20:55,280

it's looking at them in the plaintext

2960

02:21:00,251 --> 02:20:58,490

web right um then what you've done is

2961

02:21:02,980 --> 02:21:00,261

you've leaked a little bit of data there

2962

02:21:04,480 --> 02:21:02,990

while all of your transaction stuff is

2963

02:21:06,131 --> 02:21:04,490

going to happen over the dark web you're

2964

02:21:08,171 --> 02:21:06,141

going to connect to the website load the

2965

02:21:10,720 --> 02:21:08,181

website and all that fun stuff over the

2966

02:21:12,400 --> 02:21:10,730

dark web your request to get an address

2967

02:21:14,950 --> 02:21:12,410

out of a domain name might have gone

2968

02:21:17,381 --> 02:21:14,960

over the plain text web and at that

2969

02:21:21,220 --> 02:21:17,391

point you know you've made the mistake

2970

02:21:23,110 --> 02:21:21,230

of requesting something from a server

2971

02:21:25,450 --> 02:21:23,120

that could easily be compromised like if

2972

02:21:28,540 --> 02:21:25,460

you look at a couple of the drug markets

2973

02:21:32,921 --> 02:21:28,550

that were online on the dark web that

2974

02:21:35,381 --> 02:21:32,931

users got caught on the feds took over

2975

02:21:38,290 --> 02:21:35,391

the server after busting the person

2976

02:21:40,440 --> 02:21:38,300

running them right and and then they

2977

02:21:42,310 --> 02:21:40,450

would put a piece of code on the server

2978

02:21:44,950 --> 02:21:42,320

letting it still run letting people

2979

02:21:46,780 --> 02:21:44,960

still buy and sell and everything but

2980

02:21:49,870 --> 02:21:46,790

there was a piece of code that would ask

2981

02:21:52,030 --> 02:21:49,880

your browser to grab a file from a web

2982

02:21:53,890 --> 02:21:52,040

server now that's every website does

2983

02:21:55,450 --> 02:21:53,900

this and every website has extra code

2984

02:21:57,251 --> 02:21:55,460

like when you're looking at Twitter and

2985

02:21:59,381 --> 02:21:57,261

you're you're following Jimmy here and

2986

02:22:00,580 --> 02:21:59,391

it reloads the screen you know right in

2987

02:22:02,440 --> 02:22:00,590

front of you without you clicking the

2988

02:22:04,450 --> 02:22:02,450

reload button that's because javascript

2989

02:22:06,251 --> 02:22:04,460

in the background requested new data

2990

02:22:08,560 --> 02:22:06,261

from the server right so they they would

2991

02:22:11,171 --> 02:22:08,570

include a piece of code like that on the

2992

02:22:12,790 --> 02:22:11,181

dark market on the drug market and then

2993

02:22:14,650 --> 02:22:12,800

the user who thinks he's doing

2994

02:22:16,211 --> 02:22:14,660

everything over the dark web suddenly

2995

02:22:19,180 --> 02:22:16,221

his web browser goes and makes a request

2996

02:22:21,820 --> 02:22:19,190

over on the plain text web and they got

2997

02:22:23,620 --> 02:22:21,830

you they know you were on that site they

2998

02:22:25,570 --> 02:22:23,630

know exactly which ii that request was

2999

02:22:27,761 --> 02:22:25,580

made and they know which user logged in

3000

02:22:28,870 --> 02:22:27,771

at that exact second to and now since

3001

02:22:30,220 --> 02:22:28,880

they're controlling that server right

3002

02:22:31,600 --> 02:22:30,230

now they have its transaction history

3003

02:22:35,381 --> 02:22:31,610

they know what drugs you've bought or

3004

02:22:38,020 --> 02:22:35,391

sold and boom you're arrested so you

3005

02:22:41,440 --> 02:22:38,030

know when you go through these types of

3006

02:22:43,751 --> 02:22:41,450

systems you've got to not just use tor

3007

02:22:45,730 --> 02:22:43,761

you've got to use tor and an even more

3008

02:22:48,251 --> 02:22:45,740

secure environment than you're used to

3009

02:22:50,290 --> 02:22:48,261

so you want to not just run tor browser

3010

02:22:52,120 --> 02:22:50,300

on your normal computer where you do

3011

02:22:55,450 --> 02:22:52,130

your normal everyday stuff you want to

3012

02:22:58,600 --> 02:22:55,460

boot into a computer into an operating

3013

02:23:01,120 --> 02:22:58,610

system that was built to secure your tor

3014

02:23:03,251 --> 02:23:01,130

connections and only do things like DNS

3015

02:23:05,051 --> 02:23:03,261

or requests or anything through tor and

3016

02:23:09,220 --> 02:23:05,061

make sure that no script can make a

3017

02:23:11,440 --> 02:23:09,230

break out of that sandbox so there's

3018

02:23:13,540 --> 02:23:11,450

tales which is kind of the the most

3019

02:23:14,921 --> 02:23:13,550

widely used one that you can just

3020

02:23:17,350 --> 02:23:14,931

download and run off a flash drive and

3021

02:23:18,820 --> 02:23:17,360

boot into it and when you're using tor

3022

02:23:21,100 --> 02:23:18,830

browser and something like that that

3023

02:23:25,120 --> 02:23:21,110

info doesn't leak and they don't get you

3024

02:23:29,671 --> 02:23:25,130

that way now if that if if that request

3025

02:23:32,051 --> 02:23:29,681

happened right and you're back into

3026

02:23:33,520 --> 02:23:32,061

going in the opposite direction you're

3027

02:23:36,400 --> 02:23:33,530

going off of the dark web you're going

3028

02:23:42,131 --> 02:23:36,410

out of the tour but back into the

3029

02:23:43,540 --> 02:23:42,141

surface net right how easy is it well

3030

02:23:45,640 --> 02:23:43,550

obviously they're gonna have an IP

3031

02:23:48,881 --> 02:23:45,650

address at that point they may know

3032

02:23:51,011 --> 02:23:48,891

exactly where you're sitting and you

3033

02:23:53,830 --> 02:23:51,021

know your street and and your town and

3034

02:23:55,870 --> 02:23:53,840

so forth if you're using a VPN at that

3035

02:23:58,450 --> 02:23:55,880

point with that request that is

3036

02:24:03,070 --> 02:23:58,460

happening does that protect you from a

3037

02:24:06,790 --> 02:24:03,080

hard I B again it depends on you know

3038

02:24:10,961 --> 02:24:06,800

what data is available to them when they

3039

02:24:14,080 --> 02:24:10,971

make that request so if if you paid for

3040

02:24:16,120 --> 02:24:14,090

that VPN service with your own credit

3041

02:24:17,770 --> 02:24:16,130

card and that company is an American

3042

02:24:20,320 --> 02:24:17,780

company then they're going to see your

3043

02:24:21,551 --> 02:24:20,330

IP address as that VPN realize they're

3044

02:24:23,830 --> 02:24:21,561

getting no more data at that point

3045

02:24:26,230 --> 02:24:23,840

called the VPN company and say do we

3046

02:24:27,850 --> 02:24:26,240

have to get a warrant or not the VPN

3047

02:24:29,290 --> 02:24:27,860

company if it's an American company is

3048

02:24:33,040 --> 02:24:29,300

gonna say go get the warrant but then

3049

02:24:34,480 --> 02:24:33,050

we'll have the data ready for you so if

3050

02:24:38,830 --> 02:24:34,490

it's a foreign company then it really

3051
02:24:41,711 --> 02:24:38,840
depends on which one you are which one

3052
02:24:44,801 --> 02:24:41,721
you're using so like for me I like to

3053
02:24:47,220 --> 02:24:44,811
use one that I know isn't going to give

3054
02:24:50,020 --> 02:24:47,230
up the information because they're in a

3055
02:24:51,599 --> 02:24:50,030
country that doesn't make them save the

3056
02:24:56,040 --> 02:24:51,609
information if they don't want it

3057
02:24:58,019 --> 02:24:56,050
so perfect - privacy calm of which I

3058
02:25:00,029 --> 02:24:58,029
have no deals with I just literally love

3059
02:25:01,889 --> 02:25:00,039
them because their service they do not

3060
02:25:03,599 --> 02:25:01,899
log any of that information so when the

3061
02:25:05,729 --> 02:25:03,609
law comes asking them a question they

3062
02:25:09,059 --> 02:25:05,739
physically can't give it to them it does

3063
02:25:10,649 --> 02:25:09,069

not exist anywhere so it really depends

3064

02:25:12,420 --> 02:25:10,659

at that point which VPN provider you're

3065

02:25:16,260 --> 02:25:12,430

using and which country they're located

3066

02:25:18,300 --> 02:25:16,270

in now tell me before we say goodnight

3067

02:25:20,219 --> 02:25:18,310

and we could certainly continue this

3068

02:25:26,449 --> 02:25:20,229

conversation if you want to when going

3069

02:25:31,409 --> 02:25:26,459

over time but for for most in your world

3070

02:25:34,769 --> 02:25:31,419

you guys are all using encrypt encrypted

3071

02:25:36,989 --> 02:25:34,779

text your phone service you know this is

3072

02:25:40,649 --> 02:25:36,999

just what you guys do and I understand

3073

02:25:43,559 --> 02:25:40,659

that and in fact people yeah it is it's

3074

02:25:47,369 --> 02:25:43,569

true and me texting anybody in this

3075

02:25:49,439 --> 02:25:47,379

community I always it's it's difficult

3076

02:25:54,869 --> 02:25:49,449

because I don't I don't use encrypted

3077

02:25:56,939 --> 02:25:54,879

text services it is is do you you don't

3078

02:25:59,969 --> 02:25:56,949

just turn on a computer and are signed

3079

02:26:05,099 --> 02:25:59,979

in to Chrome and and going at life each

3080

02:26:06,059 --> 02:26:05,109

day that's not how you run is it no not

3081

02:26:10,199 --> 02:26:06,069

exactly

3082

02:26:13,109 --> 02:26:10,209

but it also depends on my needs

3083

02:26:15,029 --> 02:26:13,119

you know I will definitely just boot the

3084

02:26:17,130 --> 02:26:15,039

Machine and hop right into my web

3085

02:26:19,649 --> 02:26:17,140

browser my normal one if I'm literally

3086

02:26:21,239 --> 02:26:19,659

just gonna go read an article on a news

3087

02:26:23,969 --> 02:26:21,249

site or something like that I don't have

3088

02:26:27,409 --> 02:26:23,979

any specific plans but you know if I

3089

02:26:29,939 --> 02:26:27,419

even think I might stray from that into

3090

02:26:32,250 --> 02:26:29,949

things that I don't want tracked even

3091

02:26:35,969 --> 02:26:32,260

lightly just from personal privacy

3092

02:26:38,540 --> 02:26:35,979

reasons then I'm gonna boot onto one of

3093

02:26:40,830 --> 02:26:38,550

20 different flash drives I have

3094

02:26:42,330 --> 02:26:40,840

depending on just how strong the needs

3095

02:26:45,179 --> 02:26:42,340

are and you know if the needs are really

3096

02:26:47,760 --> 02:26:45,189

strong and and this is something that I

3097

02:26:50,069 --> 02:26:47,770

could never ever have tracked back to me

3098

02:26:52,769 --> 02:26:50,079

then it isn't happening from my house or

3099

02:26:54,330 --> 02:26:52,779

a computer that I own that's mine what

3100

02:26:56,849 --> 02:26:54,340

is happening somewhere else out in the

3101
02:26:59,130 --> 02:26:56,859
world right this is a yeah everybody is

3102
02:27:01,441 --> 02:26:59,140
yelling for overtime so there you go

3103
02:27:04,261 --> 02:27:01,451
Greg you're not going anywhere

3104
02:27:04,861 --> 02:27:04,271
I don't need to sleep sleep is for

3105
02:27:06,811 --> 02:27:04,871
sissies

3106
02:27:09,091 --> 02:27:06,821
remember I'm all the way out in Boston

3107
02:27:10,921 --> 02:27:09,101
here so for him it's three hours earlier

3108
02:27:12,781 --> 02:27:10,931
for me it's 12:30 at night

3109
02:27:15,421 --> 02:27:12,791
yeah but Boston is shut down right now

3110
02:27:16,371 --> 02:27:15,431
so you guys have you guys have nothing

3111
02:27:22,201 --> 02:27:16,381
but time

3112
02:27:27,571 --> 02:27:22,211
exactly explain to me again when you say

3113
02:27:31,141 --> 02:27:27,581

I would just boot onto one of 20 USB

3114

02:27:37,051 --> 02:27:31,151

drives explain to me that process like

3115

02:27:39,571 --> 02:27:37,061

I'm two years old you know well we'll

3116

02:27:44,101 --> 02:27:39,581

take you know like tails as an example

3117

02:27:46,741 --> 02:27:44,111

um tails is kind of the default for

3118

02:27:48,811 --> 02:27:46,751

anyone wanting to play with with tor in

3119

02:27:51,631 --> 02:27:48,821

a slightly more secure environment

3120

02:27:55,831 --> 02:27:51,641

um there are others there's who Nix

3121

02:27:58,051 --> 02:27:55,841

which is WH o ni X there's cubes which

3122

02:28:00,151 --> 02:27:58,061

is q.u.b.e s so there's there's a bunch

3123

02:28:02,941 --> 02:28:00,161

of these right and depending on how

3124

02:28:05,551 --> 02:28:02,951

secure I need to be you know I go down

3125

02:28:06,991 --> 02:28:05,561

that chain right so Torres for when I

3126
02:28:12,001 --> 02:28:07,001
really just want to protect my privacy

3127
02:28:13,771 --> 02:28:12,011
when I'm using tails hoon X is when well

3128
02:28:15,691 --> 02:28:13,781
I might be using the dark web to go

3129
02:28:17,401 --> 02:28:15,701
research some things but I just don't

3130
02:28:19,761 --> 02:28:17,411
want it to be in my history because I

3131
02:28:24,541 --> 02:28:19,771
just don't need that kind of heat and

3132
02:28:27,991 --> 02:28:24,551
cubes is for when well let's just not

3133
02:28:31,111 --> 02:28:28,001
talk about it right and so I'm holding

3134
02:28:33,571 --> 02:28:31,121
up you know just a USB Drive to the

3135
02:28:37,651 --> 02:28:33,581
camera so you're saying that tails

3136
02:28:39,241 --> 02:28:37,661
resides on the USB Drive yep right and

3137
02:28:41,101 --> 02:28:39,251
depending on what type of computer

3138
02:28:44,131 --> 02:28:41,111

you're on you know you stick it in and

3139

02:28:45,720 --> 02:28:44,141

you just any old thing and you know

3140

02:28:47,071 --> 02:28:45,730

again depending on what computer you're

3141

02:28:50,401 --> 02:28:47,081

on you press a different key during

3142

02:28:52,171 --> 02:28:50,411

boots to make it boot off of it on the

3143

02:28:53,821 --> 02:28:52,181

Mac you can just hold down option while

3144

02:28:55,861 --> 02:28:53,831

it's turning on and you hear the beep

3145

02:28:57,481 --> 02:28:55,871

and it'll pop up a little thing that'll

3146

02:28:58,921 --> 02:28:57,491

show your normal Mac hard drive and

3147

02:29:03,121 --> 02:28:58,931

it'll now show the flash drive and you

3148

02:29:04,861 --> 02:29:03,131

can select it instead on windows you

3149

02:29:06,571 --> 02:29:04,871

know depending on what you know boot

3150

02:29:10,351 --> 02:29:06,581

options key your machine has a lot of

3151

02:29:11,701 --> 02:29:10,361

times it's f9 or f12 you'll just hit

3152

02:29:12,540 --> 02:29:11,711

that while the computer is coming on

3153

02:29:14,461 --> 02:29:12,550

it'll pop up

3154

02:29:16,080 --> 02:29:14,471

would you like to boot into your windows

3155

02:29:18,360 --> 02:29:16,090

or do you want to boot off a CD or a

3156

02:29:21,421 --> 02:29:18,370

flash drive click the flash drive

3157

02:29:23,070 --> 02:29:21,431

you know fascinating absolutely

3158

02:29:25,530 --> 02:29:23,080

mind-blowing let's take our break right

3159

02:29:27,900 --> 02:29:25,540

here we'll head into some overtime Gregg

3160

02:29:30,450 --> 02:29:27,910

Housh is our guest this is fade to black

3161

02:29:32,640 --> 02:29:30,460

I am your host Jimmy Church this entire

3162

02:29:35,400 --> 02:29:32,650

conversation tonight has been rolling

3163

02:29:38,341 --> 02:29:35,410

around the recent hacking of a New York

3164

02:29:41,430 --> 02:29:38,351

law firm with the resources and the

3165

02:29:43,470 --> 02:29:41,440

malware are evil they stole secret files

3166

02:29:45,660 --> 02:29:43,480

are demanding a ransom of 42 million

3167

02:29:47,881 --> 02:29:45,670

dollars how this stuff gets done how the

3168

02:29:50,310 --> 02:29:47,891

money gets washed what the transactions

3169

02:29:52,470 --> 02:29:50,320

are and how it gets done or everything

3170

02:29:54,390 --> 02:29:52,480

we are talking about tonight we'll be

3171

02:30:00,020 --> 02:29:54,400

right back north Gregg Housh in overtime

3172

02:30:13,939 --> 02:30:10,719

[Music]

3173

02:30:19,340 --> 02:30:13,949

and you are listening to my boy Jimmy

3174

02:30:22,579 --> 02:30:19,350

Church on Jimmy Church radio.com this my

3175

02:30:30,500 --> 02:30:22,589

popular opinion reading a book will not

3176
02:30:33,109 --> 02:30:30,510
make you smarter this is Jimmy Church of

3177
02:30:36,229 --> 02:30:33,119
fade to black and I take life changed he

3178
02:30:39,260 --> 02:30:36,239
supplements every single day it's what I

3179
02:30:44,840 --> 02:30:39,270
do click on their banner ad Jimmy Church

3180
02:30:47,119 --> 02:30:44,850
radio calm when you take the beams from

3181
02:30:49,670 --> 02:30:47,129
Central America with dashes of

3182
02:30:52,069 --> 02:30:49,680
indonesian and african mixed in and then

3183
02:30:52,369 --> 02:30:52,079
roasted to the dark side of fade to

3184
02:30:55,989 --> 02:30:52,379
black

3185
02:30:58,969 --> 02:30:55,999
you create the ultimate brew of Fringe

3186
02:31:02,179 --> 02:30:58,979
introducing the fade to black blend from

3187
02:31:05,269 --> 02:31:02,189
river moon coffee yes River moons

3188
02:31:07,460 --> 02:31:05,279

darkest customized roast was created for

3189

02:31:10,429 --> 02:31:07,470

the love of fade to black

3190

02:31:13,130 --> 02:31:10,439

the alchemy of masterful roasting and

3191

02:31:16,699 --> 02:31:13,140

smoking the beans is in every sip of

3192

02:31:19,699 --> 02:31:16,709

this full-bodied dark Java I need my

3193

02:31:21,559 --> 02:31:19,709

coffee dog deep with distinct

3194

02:31:24,739 --> 02:31:21,569

bittersweet chocolate highlights just

3195

02:31:27,170 --> 02:31:24,749

like the bunker leaning further into the

3196

02:31:30,439 --> 02:31:27,180

darkness of the roast is fade to black

3197

02:31:32,119 --> 02:31:30,449

blend from river moon coffee just click

3198

02:31:35,449 --> 02:31:32,129

on the banner at Jimmy Church radio.com

3199

02:31:42,150 --> 02:31:35,459

and use the promo code F to be blend for

3200

02:31:45,420 --> 02:31:44,040

hello my name is Billy Carson and I'm a

3201

02:31:48,030 --> 02:31:45,430

best-selling author and the founder of

3202

02:31:49,830 --> 02:31:48,040

forbidden knowledge TV together with my

3203

02:31:52,110 --> 02:31:49,840

team we have built a all new conscious

3204

02:31:53,970 --> 02:31:52,120

pre-made TV platform designed with every

3205

02:31:55,591 --> 02:31:53,980

family member in mind if you have ever

3206

02:31:56,970 --> 02:31:55,601

wanted to travel the world and attend

3207

02:31:58,860 --> 02:31:56,980

lectures and workshops from your

3208

02:31:59,610 --> 02:31:58,870

favorite speakers we were able to look

3209

02:32:02,341 --> 02:31:59,620

no further

3210

02:32:04,230 --> 02:32:02,351

forbidden knowledge dot TV but there are

3211

02:32:06,091 --> 02:32:04,240

dozens of workshops and lectures from

3212

02:32:08,160 --> 02:32:06,101

speakers you know and love we have also

3213

02:32:10,051 --> 02:32:08,170

included amazing categories to ensure

3214

02:32:12,511 --> 02:32:10,061

that your consciousness is entertained

3215

02:32:14,700 --> 02:32:12,521

and elevating on a daily basis amazing

3216

02:32:17,220 --> 02:32:14,710

interviews ancient history essential

3217

02:32:19,650 --> 02:32:17,230

knowledge wisdom teachings documentaries

3218

02:32:22,020 --> 02:32:19,660

conspiracies mysteries health and

3219

02:32:24,390 --> 02:32:22,030

fitness conscious cooking meditations

3220

02:32:26,580 --> 02:32:24,400

finance yoga and so much more to start

3221

02:32:28,680 --> 02:32:26,590

your free trial on any mobile device or

3222

02:32:31,591 --> 02:32:28,690

computer surf their forbidden knowledge

3223

02:32:33,600 --> 02:32:31,601

TV that's forbidden knowledge with the

3224

02:32:36,990 --> 02:32:33,610

number 4 forbidden knowledge

3225

02:32:40,770 --> 02:32:37,000

TV again visit forbidden knowledge TV

3226

02:32:43,410 --> 02:32:40,780

today are you intrigued by paranormal

3227

02:32:47,070 --> 02:32:43,420

talk radio you love the new paranormal

3228

02:32:48,810 --> 02:32:47,080

radio app from torque stream live you'll

3229

02:32:51,960 --> 02:32:48,820

find a great selection of talk shows

3230

02:32:54,660 --> 02:32:51,970

covering UFOs ghosts strange phenomena

3231

02:32:56,970 --> 02:32:54,670

and much more download the paranormal

3232

02:32:58,591 --> 02:32:56,980

radio app now and start listening to the

3233

02:33:00,600 --> 02:32:58,601

very best in paranormal talk

3234

02:33:02,370 --> 02:33:00,610

entertainment including the network

3235

02:33:05,280 --> 02:33:02,380

you're listening to right now the

3236

02:33:14,801 --> 02:33:05,290

paranormal radio app free in Google Play

3237

02:33:19,850 --> 02:33:18,501

it's not a lifestyle we chose we were

3238

02:33:27,199 --> 02:33:19,860

born this way

3239

02:33:45,740 --> 02:33:32,270

this is KJ CR Jimmy's hurts Radio gaga

3240

02:33:49,340 --> 02:33:47,990

welcome back fade to black I am your

3241

02:33:52,309 --> 02:33:49,350

host Jimmy Church I guess tonight Craig

3242

02:33:55,250 --> 02:33:52,319

house tomorrow night Robert Emms shocked

3243

02:33:57,830 --> 02:33:55,260

our gobekli tepe special event Thursday

3244

02:34:00,800 --> 02:33:57,840

night no failure night and open lines

3245

02:34:03,019 --> 02:34:00,810

we've got Linda Moulton Howe joining us

3246

02:34:05,090 --> 02:34:03,029

and it's going to be great so we've got

3247

02:34:07,460 --> 02:34:05,100

four great nights and what a great

3248

02:34:11,290 --> 02:34:07,470

conversation tonight with Greg house

3249

02:34:15,800 --> 02:34:11,300

Greg I've learned so much and so many

3250

02:34:18,050 --> 02:34:15,810

comments from our audience in Twitter

3251
02:34:20,690 --> 02:34:18,060
tonight now I'm watching man we've got a

3252
02:34:23,479 --> 02:34:20,700
lot of hackers man we got a lot this

3253
02:34:27,200 --> 02:34:23,489
whole tails thing and booting off of a

3254
02:34:29,059 --> 02:34:27,210
flash drive and things man I didn't know

3255
02:34:30,710 --> 02:34:29,069
anything about this and everybody here

3256
02:34:33,710 --> 02:34:30,720
was talking about different ways to do

3257
02:34:36,800 --> 02:34:33,720
it and I just feel like I'm a little

3258
02:34:38,240 --> 02:34:36,810
late to the party and this this is

3259
02:34:46,190 --> 02:34:38,250
something that's been going on for how

3260
02:34:48,679 --> 02:34:46,200
long I mean decades just now you know

3261
02:34:52,700 --> 02:34:48,689
I'm just now finding out about this it's

3262
02:34:54,979 --> 02:34:52,710
like the tales is only like 11 years old

3263
02:34:58,969 --> 02:34:54,989

but there were other systems before it

3264

02:35:03,440 --> 02:34:58,979

now going back yeah going back to the

3265

02:35:07,479 --> 02:35:03,450

dark web and and these criminal hackers

3266

02:35:12,740 --> 02:35:07,489

and and organizations that are there

3267

02:35:14,929 --> 02:35:12,750

they are assuming that they know how to

3268

02:35:18,760 --> 02:35:14,939

navigate the dark web and they know

3269

02:35:21,280 --> 02:35:18,770

what's going on but certainly

3270

02:35:26,389 --> 02:35:21,290

governments and state actors out there

3271

02:35:29,719 --> 02:35:26,399

understand this too and they are they

3272

02:35:32,330 --> 02:35:29,729

have storefronts and informs and things

3273

02:35:34,460 --> 02:35:32,340

that are out there to attract those

3274

02:35:39,800 --> 02:35:34,470

criminals to write you just don't know

3275

02:35:43,700 --> 02:35:39,810

what is safe I mean yeah but the bigger

3276

02:35:45,769 --> 02:35:43,710

issue there is that you have to deal

3277

02:35:47,360 --> 02:35:45,779

with especially on the dark web the

3278

02:35:49,309 --> 02:35:47,370

hosting right and you have to deal with

3279

02:35:52,490 --> 02:35:49,319

the money you know there's got to be

3280

02:35:54,019 --> 02:35:52,500

both and those are always the vectors

3281

02:35:56,360 --> 02:35:54,029

that they find you at they find out

3282

02:35:57,889 --> 02:35:56,370

where your servers are or they find

3283

02:35:59,060 --> 02:35:57,899

someone doing something a little crazy

3284

02:36:01,160 --> 02:35:59,070

with money and after my

3285

02:36:03,261 --> 02:36:01,170

and tracking and all that fun stuff they

3286

02:36:04,520 --> 02:36:03,271

they end up catching you messing up and

3287

02:36:06,860 --> 02:36:04,530

find out that you're the guy running

3288

02:36:10,870 --> 02:36:06,870

that website what the government has

3289

02:36:13,551 --> 02:36:10,880

done for the last like five six years is

3290

02:36:15,680 --> 02:36:13,561

keep the websites running even if

3291

02:36:17,270 --> 02:36:15,690

they're doing highly illegal stuff they

3292

02:36:18,890 --> 02:36:17,280

did this with a child pornography

3293

02:36:21,381 --> 02:36:18,900

website left it running left tons of

3294

02:36:23,301 --> 02:36:21,391

kids getting exploited so they could

3295

02:36:25,220 --> 02:36:23,311

catch every one they left there running

3296

02:36:28,520 --> 02:36:25,230

for months and it led to this giant

3297

02:36:30,980 --> 02:36:28,530

argument about was catching that many

3298

02:36:32,480 --> 02:36:30,990

people more important than the few

3299

02:36:35,810 --> 02:36:32,490

months of saving the kids you could have

3300

02:36:38,990 --> 02:36:35,820

done and it was a tough argument and

3301
02:36:40,370 --> 02:36:39,000
people fell on both sides but in the end

3302
02:36:43,011 --> 02:36:40,380
I mean what the government's plan of

3303
02:36:45,200 --> 02:36:43,021
action is is attack the sources we can

3304
02:36:46,910 --> 02:36:45,210
attack and finding the hosting is a

3305
02:36:48,890 --> 02:36:46,920
little easier than it should be for a

3306
02:36:50,961 --> 02:36:48,900
lot of these people cos most of them

3307
02:36:52,520 --> 02:36:50,971
going to this not being super security

3308
02:36:55,011 --> 02:36:52,530
conscious before they start something on

3309
02:36:56,541 --> 02:36:55,021
the dark web it's not as hard as it

3310
02:36:58,400 --> 02:36:56,551
sounds once you start looking into it

3311
02:37:00,470 --> 02:36:58,410
and so people get into it that aren't

3312
02:37:01,520 --> 02:37:00,480
prepared and then they'll attack the

3313
02:37:03,711 --> 02:37:01,530

money which is what they've always done

3314

02:37:06,230 --> 02:37:03,721

I mean look at Al Capone right they got

3315

02:37:07,280 --> 02:37:06,240

him through his taxes they go after the

3316

02:37:08,660 --> 02:37:07,290

money once they've done that and they've

3317

02:37:11,211 --> 02:37:08,670

got control of a site then they're going

3318

02:37:12,740 --> 02:37:11,221

to leave it running and even expanded

3319

02:37:14,421 --> 02:37:12,750

though add features just to make you

3320

02:37:17,631 --> 02:37:14,431

think that the old people are still

3321

02:37:19,160 --> 02:37:17,641

running it code on your machine because

3322

02:37:21,230 --> 02:37:19,170

you're visiting it happily in your

3323

02:37:23,060 --> 02:37:21,240

saying yes to any request it makes of

3324

02:37:25,580 --> 02:37:23,070

course because you think you're safer on

3325

02:37:29,570 --> 02:37:25,590

the dark web or you know whatever and

3326
02:37:35,570 --> 02:37:29,580
then yeah and and explain to me how this

3327
02:37:39,620 --> 02:37:35,580
works in that Amazon is probably the

3328
02:37:41,780 --> 02:37:39,630
largest provider of Internet services in

3329
02:37:46,700 --> 02:37:41,790
the world not only do they sell products

3330
02:37:48,730 --> 02:37:46,710
but information is is their bread and

3331
02:37:52,700 --> 02:37:48,740
butter that's what's keeping Amazon

3332
02:37:54,711 --> 02:37:52,710
running is their information services

3333
02:37:57,461 --> 02:37:54,721
and their server farms there are other

3334
02:38:01,370 --> 02:37:57,471
large ones around the world certainly

3335
02:38:04,850 --> 02:38:01,380
but the servers that are running the

3336
02:38:08,091 --> 02:38:04,860
dark web are some of those part of

3337
02:38:09,921 --> 02:38:08,101
Amazon's network or Google's network or

3338
02:38:11,349 --> 02:38:09,931

you know these are the lawyers really a

3339

02:38:13,029 --> 02:38:11,359

lot of times you know the

3340

02:38:14,889 --> 02:38:13,039

terms of services and other things

3341

02:38:17,409 --> 02:38:14,899

blocking that kind of traffic from

3342

02:38:19,119 --> 02:38:17,419

running on their servers a lot of times

3343

02:38:22,000 --> 02:38:19,129

there's the smaller hosting

3344

02:38:24,040 --> 02:38:22,010

infrastructures or other you know

3345

02:38:26,500 --> 02:38:24,050

external data centers which are kind of

3346

02:38:28,059 --> 02:38:26,510

almost a dying breed at this point you

3347

02:38:31,090 --> 02:38:28,069

know when you wanted to put up a server

3348

02:38:32,949 --> 02:38:31,100

in the early 90s you know your only

3349

02:38:34,899 --> 02:38:32,959

choice was something called colocation

3350

02:38:37,510 --> 02:38:34,909

where you'd go to one of the big data

3351
02:38:38,739 --> 02:38:37,520
centers that had everyone's servers even

3352
02:38:40,029 --> 02:38:38,749
in the beginning like you know Facebook

3353
02:38:41,769 --> 02:38:40,039
had servers sitting in one of these

3354
02:38:43,179 --> 02:38:41,779
right mm-hmm and you'd bring your

3355
02:38:44,739 --> 02:38:43,189
hardware and walk right in and they'd

3356
02:38:47,080 --> 02:38:44,749
say here's the rack you put it in and

3357
02:38:48,819 --> 02:38:47,090
you'd get a key to the front door and a

3358
02:38:50,409 --> 02:38:48,829
key to the rack that your servers on and

3359
02:38:52,960 --> 02:38:50,419
you could walk when when I had mine

3360
02:38:54,460 --> 02:38:52,970
there I used to walk by Comcast and RCN

3361
02:38:55,659 --> 02:38:54,470
servers that I could literally reach

3362
02:38:57,609 --> 02:38:55,669
over and touch all the buttons on if I

3363
02:38:59,349 --> 02:38:57,619

felt like right roam and everyone was

3364

02:39:00,760 --> 02:38:59,359

just co-located in these big facilities

3365

02:39:02,529 --> 02:39:00,770

because they had the power the internet

3366

02:39:06,399 --> 02:39:02,539

the air-conditioning and all the other

3367

02:39:08,109 --> 02:39:06,409

stuff you needed and and those types of

3368

02:39:09,939 --> 02:39:08,119

places are kind of a dying breed because

3369

02:39:13,389 --> 02:39:09,949

you have these giant companies like

3370

02:39:16,569 --> 02:39:13,399

Amazon with AWS and Microsoft with Azure

3371

02:39:18,069 --> 02:39:16,579

and IBM have a cloud now you know

3372

02:39:20,399 --> 02:39:18,079

everyone's got a cloud at Google with

3373

02:39:23,859 --> 02:39:20,409

their GCP their Google compute cloud and

3374

02:39:26,739 --> 02:39:23,869

and you can just you know rent time on

3375

02:39:28,540 --> 02:39:26,749

servers from them and so you no longer

3376

02:39:29,920 --> 02:39:28,550

have to go into data centers and manage

3377

02:39:31,960 --> 02:39:29,930

your own Hardware and deal with your own

3378

02:39:33,639 --> 02:39:31,970

hardware failure anymore and you know

3379

02:39:35,949 --> 02:39:33,649

depending on your use case it's it's

3380

02:39:38,409 --> 02:39:35,959

good or it's bad but because of their

3381

02:39:39,880 --> 02:39:38,419

actions there are far fewer places for

3382

02:39:43,359 --> 02:39:39,890

you to co-locate your own servers out

3383

02:39:45,760 --> 02:39:43,369

anymore and that means there's far less

3384

02:39:47,590 --> 02:39:45,770

places for people to put their dark web

3385

02:39:49,029 --> 02:39:47,600

stuff um but like when you're thinking

3386

02:39:51,010 --> 02:39:49,039

about just tor or anything like that

3387

02:39:53,590 --> 02:39:51,020

there are a surprising number of those

3388

02:39:55,630 --> 02:39:53,600

nodes at like universities because the

3389

02:39:57,250 --> 02:39:55,640

universities will have college students

3390

02:39:59,710 --> 02:39:57,260

in their various courses being

3391

02:40:02,790 --> 02:39:59,720

programming or cryptography related

3392

02:40:05,469 --> 02:40:02,800

classes you know all on the CS courses

3393

02:40:07,750 --> 02:40:05,479

that are working on torez part of kind

3394

02:40:09,429 --> 02:40:07,760

of you know be it their final project or

3395

02:40:13,269 --> 02:40:09,439

just part of something the school is

3396

02:40:16,840 --> 02:40:13,279

actually a piece of so the dark web and

3397

02:40:19,010 --> 02:40:16,850

I remember reading the data on this

3398

02:40:22,910 --> 02:40:19,020

where you have

3399

02:40:25,309 --> 02:40:22,920

surface web and and I you know I would

3400

02:40:28,689 --> 02:40:25,319

read these data numbers but the things

3401
02:40:33,649 --> 02:40:28,699
that are underneath that are ginormous

3402
02:40:36,500 --> 02:40:33,659
numbers dwarfed what we actually know in

3403
02:40:40,729 --> 02:40:36,510
the amount of web pages that are out

3404
02:40:42,800 --> 02:40:40,739
there and websites of us normal users

3405
02:40:45,349 --> 02:40:42,810
and what is actually underneath that

3406
02:40:49,279 --> 02:40:45,359
it's a two different sets of numbers

3407
02:40:52,069 --> 02:40:49,289
where are all of these servers located

3408
02:40:56,029 --> 02:40:52,079
that are storing all of this data in the

3409
02:40:58,399 --> 02:40:56,039
dark web in those types of colocation

3410
02:41:01,399 --> 02:40:58,409
facilities normally dark web sites

3411
02:41:04,729 --> 02:41:01,409
aren't heavy trafficked so they don't

3412
02:41:07,880 --> 02:41:04,739
need a lot of hardware so you know large

3413
02:41:11,120 --> 02:41:07,890

dark web sites run on still individual

3414

02:41:13,670 --> 02:41:11,130

servers unlike you know a large you know

3415

02:41:14,990 --> 02:41:13,680

surface web site might need multiple

3416

02:41:16,609 --> 02:41:15,000

servers to be running might even need

3417

02:41:19,460 --> 02:41:16,619

multiple data centers to themselves to

3418

02:41:22,910 --> 02:41:19,470

be running most sites on the dark web

3419

02:41:25,160 --> 02:41:22,920

are small enough that one piece one

3420

02:41:27,080 --> 02:41:25,170

small piece of one server will work so

3421

02:41:31,399 --> 02:41:27,090

you can fit hundreds of these sites on a

3422

02:41:34,479 --> 02:41:31,409

server and so there are there are groups

3423

02:41:37,639 --> 02:41:34,489

there was one called freedom hosting and

3424

02:41:40,580 --> 02:41:37,649

freedom hosting was kind of what you

3425

02:41:42,019 --> 02:41:40,590

would expect out of the name anything

3426

02:41:43,519 --> 02:41:42,029

and everything goes I'm not looking at

3427

02:41:48,380 --> 02:41:43,529

your servers and don't tell me what's on

3428

02:41:51,139 --> 02:41:48,390

them was their policy and a group of

3429

02:41:53,120 --> 02:41:51,149

hackers actually got really angry at the

3430

02:41:54,979 --> 02:41:53,130

fact that you know because freedom

3431

02:41:57,260 --> 02:41:54,989

hosting had that as their way there were

3432

02:41:59,090 --> 02:41:57,270

everything from some terrorist websites

3433

02:42:00,740 --> 02:41:59,100

that were you know actually plotting you

3434

02:42:02,300 --> 02:42:00,750

know different attacks through sites

3435

02:42:05,000 --> 02:42:02,310

that were obviously hosted on freedom

3436

02:42:07,840 --> 02:42:05,010

hosting to some actual child pornography

3437

02:42:11,300 --> 02:42:07,850

sites got on to their their network and

3438

02:42:14,349 --> 02:42:11,310

they got hacked and everything deleted

3439

02:42:16,130 --> 02:42:14,359

by a group of hackers at one point but

3440

02:42:18,260 --> 02:42:16,140

accidentally the hackers didn't even

3441

02:42:21,500 --> 02:42:18,270

mean to do this it exposed enough

3442

02:42:23,569 --> 02:42:21,510

information about the hosting of it that

3443

02:42:26,380 --> 02:42:23,579

the feds actually went in and caught

3444

02:42:28,639 --> 02:42:26,390

that one freedom hosting two came up and

3445

02:42:32,240 --> 02:42:28,649

basically the exact same scenario again

3446

02:42:33,830 --> 02:42:32,250

so you know it is tough to be one of the

3447

02:42:35,599 --> 02:42:33,840

guys trying to maintain those types of

3448

02:42:37,160 --> 02:42:35,609

servers but if you wanted to put a

3449

02:42:38,889 --> 02:42:37,170

website up on the dark web you you can

3450

02:42:41,899 --> 02:42:38,899

host one at home I mean you set up a

3451

02:42:43,519 --> 02:42:41,909

tour belay at home and and then you know

3452

02:42:45,050 --> 02:42:43,529

you you can get an address that just

3453

02:42:49,250 --> 02:42:45,060

points right at your home computer and

3454

02:42:55,130 --> 02:42:49,260

run one at home now we've also heard a

3455

02:42:56,899 --> 02:42:55,140

lot about these different web farms and

3456

02:42:58,910 --> 02:42:56,909

server farms that are out in the middle

3457

02:43:00,950 --> 02:42:58,920

of the ocean right that are in these

3458

02:43:04,010 --> 02:43:00,960

remote locations Iceland and Greenland

3459

02:43:08,630 --> 02:43:04,020

and there's probably one in Antarctica

3460

02:43:10,519 --> 02:43:08,640

by now how much of this is real I mean

3461

02:43:12,019 --> 02:43:10,529

there are there aren't any in Antarctica

3462

02:43:13,910 --> 02:43:12,029

that I know of that aren't just actual

3463

02:43:17,559 --> 02:43:13,920

government research places but Iceland

3464

02:43:21,439 --> 02:43:17,569

has has a big set of data centers on it

3465

02:43:23,240 --> 02:43:21,449

because the energy and the air

3466

02:43:24,319 --> 02:43:23,250

conditioning both happened to be really

3467

02:43:27,979 --> 02:43:24,329

cheap there because you get the

3468

02:43:29,960 --> 02:43:27,989

geothermal providing power and then you

3469

02:43:31,880 --> 02:43:29,970

know honestly open the windows for the

3470

02:43:34,519 --> 02:43:31,890

cooling when you're when you've got it

3471

02:43:36,700 --> 02:43:34,529

far enough north so there's a there's a

3472

02:43:39,590 --> 02:43:36,710

few good-sized data centers in Iceland

3473

02:43:41,719 --> 02:43:39,600

the the other kind of offshore ones like

3474

02:43:44,210 --> 02:43:41,729

when you're talking like the more Joke

3475

02:43:46,370 --> 02:43:44,220

ones like a seal and there and others

3476
02:43:48,290 --> 02:43:46,380
they've never been profitable enough to

3477
02:43:50,529 --> 02:43:48,300
stay up and running long enough to

3478
02:43:56,240 --> 02:43:50,539
really make any kind of an impact and

3479
02:44:00,319 --> 02:43:56,250
the access with something remote like a

3480
02:44:03,319 --> 02:44:00,329
data center in Iceland how easy is it

3481
02:44:05,510 --> 02:44:03,329
for how much do they protect that

3482
02:44:07,729 --> 02:44:05,520
information you know if the United

3483
02:44:09,880 --> 02:44:07,739
States wanted access to that server farm

3484
02:44:12,620 --> 02:44:09,890
does Iceland give it up

3485
02:44:14,330 --> 02:44:12,630
you know Iceland is actually really

3486
02:44:16,990 --> 02:44:14,340
strong on their on their security

3487
02:44:20,090 --> 02:44:17,000
measures and on their privacy measures

3488
02:44:21,920 --> 02:44:20,100

so it's really interesting because our

3489

02:44:24,800 --> 02:44:21,930

government has actually violated what

3490

02:44:30,109 --> 02:44:24,810

they consider their sovereignty twice in

3491

02:44:34,040 --> 02:44:30,119

the last what 15 years by us having

3492

02:44:38,300 --> 02:44:34,050

actual federal US agents go and conduct

3493

02:44:39,979 --> 02:44:38,310

business in Iceland in Reykjavik and do

3494

02:44:41,210 --> 02:44:39,989

it without informing the local

3495

02:44:42,291 --> 02:44:41,220

government that they were doing it and

3496

02:44:44,031 --> 02:44:42,301

in coming home

3497

02:44:47,180 --> 02:44:44,041

and Iceland only finding out about it

3498

02:44:49,701 --> 02:44:47,190

through the news so I think I think

3499

02:44:51,981 --> 02:44:49,711

relations there aren't that good and you

3500

02:44:54,381 --> 02:44:51,991

also have to remember that like the

3501

02:44:57,531 --> 02:44:54,391

pirate party itself holds a lot of

3502

02:44:59,180 --> 02:44:57,541

offices in government there there's a

3503

02:45:02,541 --> 02:44:59,190

lot of powerful people there who are all

3504

02:45:06,051 --> 02:45:02,551

about privacy and security right and so

3505

02:45:11,591 --> 02:45:06,061

when we look at something like the group

3506

02:45:15,011 --> 02:45:11,601

that is using you know our evil and that

3507

02:45:19,821 --> 02:45:15,021

collective of individuals that is their

3508

02:45:22,281 --> 02:45:19,831

isn't it easy to pinpoint exactly where

3509

02:45:25,461 --> 02:45:22,291

this is occurring and where that server

3510

02:45:28,220 --> 02:45:25,471

is and who was doing the keystrokes into

3511

02:45:31,911 --> 02:45:28,230

that server that server could be in your

3512

02:45:33,201 --> 02:45:31,921

bedroom sir yeah no that's my point I'm

3513

02:45:35,991 --> 02:45:33,211

just saying like that's literally how

3514

02:45:37,401 --> 02:45:36,001

little they know let's say there is a

3515

02:45:38,720 --> 02:45:37,411

server in Iceland who's to say that

3516

02:45:41,810 --> 02:45:38,730

that's the actual end point

3517

02:45:44,481 --> 02:45:41,820

that could just be you know the thing

3518

02:45:46,191 --> 02:45:44,491

running the VPN that is actually you

3519

02:45:48,140 --> 02:45:46,201

know being connected to by another

3520

02:45:51,140 --> 02:45:48,150

server in Romania that's being connected

3521

02:45:53,441 --> 02:45:51,150

to buy one in Iran and that one happens

3522

02:45:58,131 --> 02:45:53,451

to be where all the real data is and

3523

02:46:00,021 --> 02:45:58,141

when our FBI asks any authority in Iran

3524

02:46:02,180 --> 02:46:00,031

for data or logs or anything computer

3525

02:46:04,751 --> 02:46:02,190

related they usually just get flipped

3526

02:46:08,211 --> 02:46:04,761

off once funding enough they actually uh

3527

02:46:10,131 --> 02:46:08,221

televised themselves lighting a FBI

3528

02:46:11,211 --> 02:46:10,141

request on fire they actually took like

3529

02:46:13,341 --> 02:46:11,221

the piece of mail they got and littered

3530

02:46:17,961 --> 02:46:13,351

on fire just to show how much they care

3531

02:46:19,371 --> 02:46:17,971

about our requests for help yeah so if

3532

02:46:21,531 --> 02:46:19,381

you could ever find hosting in our end

3533

02:46:23,991 --> 02:46:21,541

it's a pretty safe bet that you're in

3534

02:46:25,551 --> 02:46:24,001

good shape now if you do something that

3535

02:46:27,261 --> 02:46:25,561

is against their local laws and

3536

02:46:31,041 --> 02:46:27,271

whoever's nice enough to give you that

3537

02:46:32,301 --> 02:46:31,051

hosting gets caught you hurt someone but

3538

02:46:34,850 --> 02:46:32,311

you haven't hurt yourself you aren't

3539

02:46:38,231 --> 02:46:34,860

getting in trouble court now what how

3540

02:46:42,560 --> 02:46:38,241

strong a horrible person how strong is

3541

02:46:46,241 --> 02:46:42,570

the encryption not only with onion

3542

02:46:49,701 --> 02:46:46,251

technology and tour but VPNs and

3543

02:46:52,100 --> 02:46:49,711

Internet traffic in general how strong

3544

02:46:53,051 --> 02:46:52,110

is that encryption can it all be cracked

3545

02:46:55,991 --> 02:46:53,061

and

3546

02:46:58,180 --> 02:46:56,001

is that information in use by the NSA

3547

02:47:01,081 --> 02:46:58,190

and the way that Snowden has presented

3548

02:47:04,631 --> 02:47:04,121

you know the encryption is getting a lot

3549

02:47:06,310 --> 02:47:04,641

better

3550

02:47:08,440 --> 02:47:06,320

you know tors encryption the onion

3551
02:47:10,570 --> 02:47:08,450
encryption itself hasn't been broken

3552
02:47:13,781 --> 02:47:10,580
there's been some mathematical attacks

3553
02:47:15,310 --> 02:47:13,791
that have gotten through like if you're

3554
02:47:16,961 --> 02:47:15,320
looking at it in that kind of onion way

3555
02:47:18,640 --> 02:47:16,971
like imagine there's seven layers to

3556
02:47:20,411 --> 02:47:18,650
this there have been some mathematical

3557
02:47:22,261 --> 02:47:20,421
attacks that theoretically break through

3558
02:47:25,390 --> 02:47:22,271
a few of the layers but not all of them

3559
02:47:27,220 --> 02:47:25,400
as the supercomputers we have get more

3560
02:47:30,581 --> 02:47:27,230
and more powerful and as quantum

3561
02:47:32,411 --> 02:47:30,591
computing you know gets ever closer you

3562
02:47:33,970 --> 02:47:32,421
know it's it's going to get easier to

3563
02:47:36,881 --> 02:47:33,980

break some of this older text so we've

3564

02:47:39,820 --> 02:47:36,891

got a stay up in a head of it you know

3565

02:47:42,041 --> 02:47:39,830

we've got we've got a lot of people to

3566

02:47:43,661 --> 02:47:42,051

thank for bringing SSL to the wider web

3567

02:47:45,671 --> 02:47:43,671

in a way that it was free and that it

3568

02:47:48,791 --> 02:47:45,681

was easy and accessible you know there

3569

02:47:51,841 --> 02:47:48,801

was a day only you know a few years ago

3570

02:47:57,190 --> 02:47:51,851

where the amount of websites on SSL

3571

02:48:00,491 --> 02:47:57,200

doubled literally in one day and you're

3572

02:48:03,761 --> 02:48:00,501

texting now who are you texting - you're

3573

02:48:05,980 --> 02:48:03,771

tweeting I was not tweeting I was

3574

02:48:08,831 --> 02:48:05,990

texting a friend who just asked me if I

3575

02:48:12,041 --> 02:48:08,841

actually had room for in her own words a

3576

02:48:15,310 --> 02:48:12,051

dirty hippie to spend the night Oh

3577

02:48:17,770 --> 02:48:15,320

to which I said I do not we are under

3578

02:48:20,020 --> 02:48:17,780

lockdown and I don't need some random

3579

02:48:25,150 --> 02:48:20,030

stranger from some other state who's in

3580

02:48:27,011 --> 02:48:25,160

town and can't find a hotel because I've

3581

02:48:29,921 --> 02:48:27,021

been watching you tweet throughout the

3582

02:48:36,661 --> 02:48:29,931

show tonight and sure that I don't type

3583

02:48:41,680 --> 02:48:36,671

so loudly like please go away the the

3584

02:48:42,551 --> 02:48:41,690

this is this is where if if you are up

3585

02:48:45,911 --> 02:48:42,561

to no good

3586

02:48:49,121 --> 02:48:45,921

like these are evil guys no matter how

3587

02:48:53,350 --> 02:48:49,131

complex your system is is anybody safe

3588

02:48:57,031 --> 02:48:53,360

is everybody safe on the dark web when

3589

02:49:00,640 --> 02:48:57,041

you have so many variables like Bitcoin

3590

02:49:03,020 --> 02:49:00,650

emails the tags that are left behind in

3591

02:49:08,600 --> 02:49:03,030

the malware itself a

3592

02:49:11,980 --> 02:49:08,610

is anybody safe of you know that can

3593

02:49:19,131 --> 02:49:15,290

that is literally up to the person doing

3594

02:49:21,080 --> 02:49:19,141

the act itself if you're doing something

3595

02:49:24,190 --> 02:49:21,090

on the dark web that you don't want to

3596

02:49:29,900 --> 02:49:24,200

get caught for you getting caught is

3597

02:49:33,140 --> 02:49:29,910

99.9% on you the human always makes

3598

02:49:35,810 --> 02:49:33,150

their the encryption is there if you use

3599

02:49:39,020 --> 02:49:35,820

it right and that takes you know some

3600

02:49:41,930 --> 02:49:39,030

studying the tools are there if you use

3601
02:49:43,640 --> 02:49:41,940
them right you know I told you that one

3602
02:49:46,220 --> 02:49:43,650
story once about how they literally

3603
02:49:48,830 --> 02:49:46,230
tracked a guy who bought pieces to the

3604
02:49:50,211 --> 02:49:48,840
computer he was using in another state

3605
02:49:52,370 --> 02:49:50,221
while wearing a hoodie

3606
02:49:55,100 --> 02:49:52,380
with someone else's credit card at a

3607
02:49:57,280 --> 02:49:55,110
Best Buy but that best buy video footage

3608
02:49:59,930 --> 02:49:57,290
is how they tracked back to the hacker

3609
02:50:02,780 --> 02:49:59,940
you know again he made a mistake there

3610
02:50:04,940 --> 02:50:02,790
which literally he looked up at the

3611
02:50:08,180 --> 02:50:04,950
camera and his face was perfectly clear

3612
02:50:09,770 --> 02:50:08,190
on it you know and then he didn't use

3613
02:50:12,171 --> 02:50:09,780

some special software that would have

3614

02:50:15,770 --> 02:50:12,181

made that vector non-existent you know

3615

02:50:17,120 --> 02:50:15,780

you you have to do some work to maintain

3616

02:50:19,280 --> 02:50:17,130

your own you can't expect that just

3617

02:50:21,381 --> 02:50:19,290

because I'm on a supposedly encrypted

3618

02:50:22,730 --> 02:50:21,391

system on the dark web where the people

3619

02:50:24,650 --> 02:50:22,740

on the other end definitely don't want

3620

02:50:26,720 --> 02:50:24,660

me making mistakes they want to remain

3621

02:50:28,850 --> 02:50:26,730

safe too you can't just assume that

3622

02:50:30,680 --> 02:50:28,860

because of those things I'm safe you've

3623

02:50:33,591 --> 02:50:30,690

got to take a lot of extra steps on your

3624

02:50:35,390 --> 02:50:33,601

own and depending on just you know what

3625

02:50:37,850 --> 02:50:35,400

you're doing and how distanced from your

3626
02:50:41,060 --> 02:50:37,860
real identity it has to be I mean those

3627
02:50:43,910 --> 02:50:41,070
steps aren't just on the computer for me

3628
02:50:45,860 --> 02:50:43,920
that means I literally drive pretty far

3629
02:50:48,410 --> 02:50:45,870
away from my house to a place where a

3630
02:50:51,830 --> 02:50:48,420
computer sitting that has never been at

3631
02:50:53,841 --> 02:50:51,840
my house that is rebuilt every year out

3632
02:50:57,560 --> 02:50:53,851
of spare parts from machines that I find

3633
02:50:59,091 --> 02:50:57,570
for cash that never have my name it has

3634
02:51:02,060 --> 02:50:59,101
never had my name typed into the

3635
02:51:04,160 --> 02:51:02,070
keyboard like that thing is so not me

3636
02:51:06,501 --> 02:51:04,170
and then I randomize things like the MAC

3637
02:51:08,540 --> 02:51:06,511
address and everything else and I have a

3638
02:51:10,730 --> 02:51:08,550

tool that will break you know simple

3639

02:51:12,440 --> 02:51:10,740

Wi-Fi passwords and I go around until I

3640

02:51:13,910 --> 02:51:12,450

find one that it can break and then I

3641

02:51:16,270 --> 02:51:13,920

use that for the thing I need to do at

3642

02:51:17,920 --> 02:51:16,280

that point and I of course boot off of

3643

02:51:20,350 --> 02:51:17,930

cubes at that point because I need a

3644

02:51:22,630 --> 02:51:20,360

really secure system so like the level

3645

02:51:25,270 --> 02:51:22,640

of security you provide for yourself is

3646

02:51:29,560 --> 02:51:25,280

how easily you're going to get caught so

3647

02:51:33,100 --> 02:51:29,570

you are saying that if you don't make a

3648

02:51:37,180 --> 02:51:33,110

human error you can get away with it

3649

02:51:39,370 --> 02:51:37,190

the technology is there so it would be

3650

02:51:41,980 --> 02:51:39,380

impossible to get caught if you don't

3651
02:51:43,000 --> 02:51:41,990
make a mistake there are ways to do it

3652
02:51:44,980 --> 02:51:43,010
where you're not going to get caught

3653
02:51:46,570 --> 02:51:44,990
again I still don't think those initial

3654
02:51:48,520 --> 02:51:46,580
people who literally took 2 billion

3655
02:51:49,690 --> 02:51:48,530
dollars are going to get caught

3656
02:51:51,880 --> 02:51:49,700
did the ones who made the initial

3657
02:51:53,560 --> 02:51:51,890
codebase that now has been repurposed

3658
02:51:54,790 --> 02:51:53,570
for our evil I don't think they're gonna

3659
02:51:56,980 --> 02:51:54,800
get caught I think they got away with it

3660
02:51:58,780 --> 02:51:56,990
and are retired and having fun on an

3661
02:52:01,600 --> 02:51:58,790
island wow that's incredible

3662
02:52:05,410 --> 02:52:01,610
that's absolutely incredible in the

3663
02:52:08,080 --> 02:52:05,420

future of and I discuss AI a lot and

3664

02:52:09,880 --> 02:52:08,090

it's not AI it's not artificial

3665

02:52:12,040 --> 02:52:09,890

intelligence that freaks me out because

3666

02:52:15,070 --> 02:52:12,050

we're gonna get to that point it's some

3667

02:52:17,440 --> 02:52:15,080

day and that thing is inevitable but it

3668

02:52:20,400 --> 02:52:17,450

is the other side of it the basic

3669

02:52:25,060 --> 02:52:20,410

machine learning and the quest for

3670

02:52:27,940 --> 02:52:25,070

artificial general intelligence the you

3671

02:52:31,180 --> 02:52:27,950

know of a few steps below you know pure

3672

02:52:33,130 --> 02:52:31,190

AI and singularity it's it's the quest

3673

02:52:35,380 --> 02:52:33,140

that is going on right now with multiple

3674

02:52:39,130 --> 02:52:35,390

companies around the world when we look

3675

02:52:42,640 --> 02:52:39,140

at AGI and the machine learning that is

3676
02:52:46,630 --> 02:52:42,650
happening right now right AGI is still a

3677
02:52:49,680 --> 02:52:46,640
few years off pure AGI but the other

3678
02:52:53,080 --> 02:52:49,690
elements of this are certainly in place

3679
02:52:55,900 --> 02:52:53,090
do you fear that do you do you think

3680
02:52:59,620 --> 02:52:55,910
that there is enough control in place or

3681
02:53:03,280 --> 02:52:59,630
is all of this just fear porn and

3682
02:53:05,860 --> 02:53:03,290
there's nothing to worry about I think

3683
02:53:11,080 --> 02:53:05,870
the right controls can be put in place I

3684
02:53:14,650 --> 02:53:11,090
think you know we live in a capitalist

3685
02:53:19,660 --> 02:53:14,660
society that is a little driven by the

3686
02:53:21,520 --> 02:53:19,670
wrong forces it's sometimes so the right

3687
02:53:23,290 --> 02:53:21,530
motivation has to be there for them to

3688
02:53:25,660 --> 02:53:23,300

actually put in that work in that effort

3689

02:53:27,460 --> 02:53:25,670

there are some groups working on that

3690

02:53:29,660 --> 02:53:27,470

effort there is uh you know the

3691

02:53:31,370 --> 02:53:29,670

artificial intelligence group

3692

02:53:34,429 --> 02:53:31,380

that's kind of a bunch of company

3693

02:53:36,620 --> 02:53:34,439

founders and and college professors who

3694

02:53:40,969 --> 02:53:36,630

have come together to set up some basic

3695

02:53:43,190 --> 02:53:40,979

structural ideas of how we define the

3696

02:53:45,110 --> 02:53:43,200

the places that AI is allowed to play

3697

02:53:48,050 --> 02:53:45,120

and what access it gets to certain types

3698

02:53:49,910 --> 02:53:48,060

of data and you know whether true AG I

3699

02:53:51,230 --> 02:53:49,920

would ever be given full access to the

3700

02:53:53,150 --> 02:53:51,240

Internet where it could do whatever it

3701
02:53:55,340 --> 02:53:53,160
won and you know there there are people

3702
02:53:58,969 --> 02:53:55,350
trying to build sand boxes for the AGI

3703
02:54:01,580 --> 02:53:58,979
to be locked into whether that works or

3704
02:54:04,429 --> 02:54:01,590
not you know we just don't know but I'm

3705
02:54:07,940 --> 02:54:04,439
very much science minded very much you

3706
02:54:10,010 --> 02:54:07,950
know into the research and it's kind of

3707
02:54:12,590 --> 02:54:10,020
like the singularity you know the idea

3708
02:54:14,420 --> 02:54:12,600
that at some point that AGI those

3709
02:54:16,700 --> 02:54:14,430
computers and and then you know with

3710
02:54:18,410 --> 02:54:16,710
quantum coming up we're getting to that

3711
02:54:20,570 --> 02:54:18,420
point where the computer is smart enough

3712
02:54:23,660 --> 02:54:20,580
to build a computer on its own that's

3713
02:54:25,490 --> 02:54:23,670

smarter than it is and it'll design it

3714

02:54:27,349 --> 02:54:25,500

and hand us the plans and you know by

3715

02:54:30,020 --> 02:54:27,359

the 50th iteration of that which should

3716

02:54:31,700 --> 02:54:30,030

be only the next morning like rights now

3717

02:54:33,679 --> 02:54:31,710

building itself without us having to

3718

02:54:35,929 --> 02:54:33,689

build anymore and a few days in you know

3719

02:54:37,280 --> 02:54:35,939

what it's the best possible physical

3720

02:54:39,200 --> 02:54:37,290

thing our universe could actually allow

3721

02:54:41,150 --> 02:54:39,210

for because it keeps getting that much

3722

02:54:43,280 --> 02:54:41,160

more smarter than itself and what does

3723

02:54:45,800 --> 02:54:43,290

it do and there's the argument of well

3724

02:54:48,740 --> 02:54:45,810

who would plug that machine in to begin

3725

02:54:51,230 --> 02:54:48,750

with I would let's go I want to see what

3726

02:54:53,960 --> 02:54:51,240

it does well and see and this is this is

3727

02:54:57,080 --> 02:54:53,970

the trippy part about this where and I'm

3728

02:54:59,830 --> 02:54:57,090

I'm speaking now to the average person

3729

02:55:03,889 --> 02:54:59,840

you need to listen to what I am saying

3730

02:55:06,770 --> 02:55:03,899

once that line is crossed with AGI and

3731

02:55:10,130 --> 02:55:06,780

you need to really think about this if

3732

02:55:12,800 --> 02:55:10,140

you're in a conversation with somebody

3733

02:55:17,270 --> 02:55:12,810

and you're having a normal back and

3734

02:55:21,650 --> 02:55:17,280

forth but you have the ability to think

3735

02:55:26,809 --> 02:55:21,660

at the level of an AGI computer you are

3736

02:55:30,380 --> 02:55:26,819

able to think about your answer in that

3737

02:55:34,070 --> 02:55:30,390

conversation with the calculations of a

3738

02:55:37,470 --> 02:55:34,080

year you can think about your answer for

3739

02:55:40,291 --> 02:55:37,480

a year you can contemplate

3740

02:55:44,541 --> 02:55:40,301

you're brilliant response and have a

3741

02:55:50,041 --> 02:55:44,551

year to respond to it but that year of

3742

02:55:52,711 --> 02:55:50,051

thinking happens in a nanosecond they'd

3743

02:55:57,810 --> 02:55:52,721

wrap your head around that think about

3744

02:56:01,761 --> 02:55:57,820

that concept that is what AGI is that is

3745

02:56:04,980 --> 02:56:01,771

is is nothing to be messed with our

3746

02:56:08,131 --> 02:56:04,990

concept of thinking and conversation and

3747

02:56:12,060 --> 02:56:08,141

and testing and results and theories and

3748

02:56:15,270 --> 02:56:12,070

things this is in a real-time human

3749

02:56:17,970 --> 02:56:15,280

brain when you then apply that like you

3750

02:56:20,100 --> 02:56:17,980

just said greg where a computer can go

3751
02:56:22,591 --> 02:56:20,110
and rewrite its own code and develop a

3752
02:56:26,551 --> 02:56:22,601
better version of itself in a couple of

3753
02:56:29,161 --> 02:56:26,561
minutes by the next morning you got a

3754
02:56:33,421 --> 02:56:29,171
room full of things that you have no

3755
02:56:38,161 --> 02:56:33,431
concept of that is what AGI represents

3756
02:56:40,470 --> 02:56:38,171
isn't it yeah I mean we will definitely

3757
02:56:42,890 --> 02:56:40,480
I don't think we're able to predict what

3758
02:56:46,860 --> 02:56:42,900
happens when AGI appears no matter what

3759
02:56:48,680 --> 02:56:46,870
we really wrap around it so I go with my

3760
02:56:51,451 --> 02:56:48,690
wife's idea on this one and she says

3761
02:56:53,881 --> 02:56:51,461
anything that's even slightly robotic at

3762
02:56:56,161 --> 02:56:53,891
this point let alone towards AI be

3763
02:56:57,720 --> 02:56:56,171

really nice and hugging um just treat it

3764

02:56:59,940 --> 02:56:57,730

nicely so when they remember in the

3765

02:57:02,581 --> 02:56:59,950

future you were one of the nice ones the

3766

02:57:05,220 --> 02:57:02,591

that you changed the oil

3767

02:57:07,591 --> 02:57:05,230

you were respectful and you never let

3768

02:57:09,570 --> 02:57:07,601

the battery drain make sure they

3769

02:57:12,150 --> 02:57:09,580

remember that you treated their ancestor

3770

02:57:14,461 --> 02:57:12,160

as well absolutely Greg House you are

3771

02:57:16,020 --> 02:57:14,471

the absolute best my men what's what's

3772

02:57:19,261 --> 02:57:16,030

the launch date on the new website

3773

02:57:21,631 --> 02:57:19,271

what's the good news probably about the

3774

02:57:23,551 --> 02:57:21,641

end of August right now do you have the

3775

02:57:26,461 --> 02:57:23,561

count earlier than that but no later

3776

02:57:28,680 --> 02:57:26,471

than that okay there you go and the

3777

02:57:30,631 --> 02:57:28,690

podcast is that gonna wait until the

3778

02:57:32,400 --> 02:57:30,641

website is launched it's gonna come

3779

02:57:34,801 --> 02:57:32,410

along with it yeah yeah there you go

3780

02:57:36,631 --> 02:57:34,811

Greg keep us posted I look forward to

3781

02:57:38,881 --> 02:57:36,641

our next conversation here on fade to

3782

02:57:41,310 --> 02:57:38,891

black but I always learned something and

3783

02:57:43,261 --> 02:57:41,320

tonight was absolutely amazing thank you

3784

02:57:44,190 --> 02:57:43,271

so much my friend absolutely always

3785

02:57:46,081 --> 02:57:44,200

happy to be here man

3786

02:57:49,190 --> 02:57:46,091

go and cause some trouble I'll talk to

3787

02:57:52,730 --> 02:57:49,200

you soon Greg house

3788

02:57:55,430 --> 02:57:52,740

and Greg's website and the links for it

3789

02:57:58,310 --> 02:57:55,440

or over at Jimmy Church radio calm there

3790

02:58:00,770 --> 02:57:58,320

is a counter that is there announcing

3791

02:58:02,841 --> 02:58:00,780

when everything is about to kick off

3792

02:58:04,730 --> 02:58:02,851

but what a great conversation tonight

3793

02:58:06,740 --> 02:58:04,740

thank you so much Greg I want to remind

3794

02:58:09,051 --> 02:58:06,750

everybody that this week we did a little

3795

02:58:11,000 --> 02:58:09,061

bit of programming changes Thursday

3796

02:58:12,560 --> 02:58:11,010

night is not theta night we're not going

3797

02:58:14,720 --> 02:58:12,570

to have open lines Thursday night we

3798

02:58:17,660 --> 02:58:14,730

have Linda Moulton Howe here tomorrow

3799

02:58:19,490 --> 02:58:17,670

night Gobekli Tepe our favorite subject

3800

02:58:21,500 --> 02:58:19,500

always here on fade to black

3801
02:58:22,790 --> 02:58:21,510
tomorrow night is our end who will say

3802
02:58:25,940 --> 02:58:22,800
fade to black

3803
02:58:28,190 --> 02:58:25,950
Gobekli Tepe special event with Robert

3804
02:58:30,680 --> 02:58:28,200
Emms Jacques you're not going to want to

3805
02:58:32,870 --> 02:58:30,690
miss that and there you go with that I

3806
02:58:34,610 --> 02:58:32,880
am going to get out of here I got to

3807
02:58:36,591 --> 02:58:34,620
thank Greg house for another great

3808
02:58:38,301 --> 02:58:36,601
conversation tonight tomorrow night

3809
02:58:41,000 --> 02:58:38,311
Robert Emms shocked and of course

3810
02:58:42,921 --> 02:58:41,010
Thursday night Linda Moulton Howe fade

3811
02:58:45,500 --> 02:58:42,931
to blacks executive producer is Rita

3812
02:58:49,190 --> 02:58:45,510
Kumari on show is produced by Hilton Jay

3813
02:58:51,410 --> 02:58:49,200

Paul Renee Dennis and Kevin and

3814

02:58:54,551 --> 02:58:51,420

announces our Steve Harvey Jean Bitola

3815

02:58:57,620 --> 02:58:54,561

Marty colbaugh webmaster is drew the key

3816

02:59:00,740 --> 02:58:57,630

music does Aldrich intro space boys

3817

02:59:03,860 --> 02:59:00,750

space boy music calm fade to black is

3818

02:59:07,580 --> 02:59:03,870

produced by kjsurya and syndication as

3819

02:59:09,680 --> 02:59:07,590

katie are a the planet spock a stone in

3820

02:59:11,150 --> 02:59:09,690

copyright a 2020 by fade to black in the

3821

02:59:13,160 --> 02:59:11,160

game changer network it cannot be

3822

02:59:15,140 --> 02:59:13,170

rebroadcast downloaded copied or used

3823

02:59:16,761 --> 02:59:15,150

anywhere in the known universe without

3824

02:59:18,320 --> 02:59:16,771

written permission from fade to black in

3825

02:59:20,990 --> 02:59:18,330

the game

3826

02:59:24,410 --> 02:59:21,000

army Oh Jimmy Church until tomorrow

3827

02:59:26,080 --> 02:59:24,420

night with water shock I want everybody

3828

02:59:39,890 --> 02:59:26,090

to be safe