



Episode 101: The Deep Web, Cyber Security, & The Surveillance State w/ Conrad Jaeger

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conspiraTees.net



1
00:00:35,350 --> 00:00:33,790
how's it going higher side shatters

2
00:00:37,959 --> 00:00:35,360
drinking a little drink smoking a little

3
00:00:40,000 --> 00:00:37,969
smoke from sunny San Diego I'm Greg Carl

4
00:00:42,220 --> 00:00:40,010
wood hot off the heels of our 100th

5
00:00:43,090 --> 00:00:42,230
episode one of my favorite projects I've

6
00:00:44,860 --> 00:00:43,100
ever worked on

7
00:00:47,110 --> 00:00:44,870
please keep showing that to your friends

8
00:00:49,479 --> 00:00:47,120
I'm so proud of that one and everything

9
00:00:51,220 --> 00:00:49,489
really I mean I am in a great place the

10
00:00:54,009 --> 00:00:51,230
listeners are phenomenal we are growing

11
00:00:55,479 --> 00:00:54,019
more every day I say the only reason THC

12
00:00:56,680 --> 00:00:55,489
doesn't have a million listeners is

13
00:00:58,299 --> 00:00:56,690

because a million people haven't heard

14

00:01:00,309 --> 00:00:58,309

of us yet but we are getting there

15

00:01:03,009 --> 00:01:00,319

thanks to you guys and thanks to the

16

00:01:04,180 --> 00:01:03,019

amazing guests today is definitely one

17

00:01:06,730 --> 00:01:04,190

of those shows with knowledge that

18

00:01:08,830 --> 00:01:06,740

anyone and everyone should have and can

19

00:01:10,240 --> 00:01:08,840

benefit from because we all hear these

20

00:01:12,460 --> 00:01:10,250

stories of websites selling our

21

00:01:14,140 --> 00:01:12,470

information software companies creating

22

00:01:16,210 --> 00:01:14,150

government backdoors into the products

23

00:01:18,010 --> 00:01:16,220

we use on a daily basis and we're seeing

24

00:01:20,230 --> 00:01:18,020

the beginnings of an era where a person

25

00:01:22,210 --> 00:01:20,240

like URI is dragged to the courts are

26

00:01:24,850 --> 00:01:22,220

worse for an unsavory tweet a

27

00:01:26,770 --> 00:01:24,860

controversial status or an early copy of

28

00:01:28,720 --> 00:01:26,780

the wolf of Wall Street none of us are

29

00:01:30,640 --> 00:01:28,730

happy about this but what can we do but

30

00:01:32,470 --> 00:01:30,650

shrug our shoulders and hope to just get

31

00:01:34,960 --> 00:01:32,480

by on being a small fish in a giant

32

00:01:36,820 --> 00:01:34,970

digital ocean but how dependable as that

33

00:01:39,640 --> 00:01:36,830

the shadowy elite and their worker bees

34

00:01:41,290 --> 00:01:39,650

are building better nets all the time so

35

00:01:42,880 --> 00:01:41,300

why just sit there vulnerable and

36

00:01:44,500 --> 00:01:42,890

waiting for the inevitable day when the

37

00:01:46,150 --> 00:01:44,510

chickens come home to roost when the

38

00:01:47,530 --> 00:01:46,160

tools exist to keep the government from

39

00:01:49,630 --> 00:01:47,540

no one you have any business with

40

00:01:51,370 --> 00:01:49,640

chickens at all now there's a reason

41

00:01:53,320 --> 00:01:51,380

you've only heard whispers of the Deep

42

00:01:55,720 --> 00:01:53,330

Web but there's an entire parallel

43

00:01:57,610 --> 00:01:55,730

internet out there beneath the polished

44

00:01:59,710 --> 00:01:57,620

public surface where we find Facebook

45

00:02:02,200 --> 00:01:59,720

and Twitter a darker place where even

46

00:02:03,760 --> 00:02:02,210

Google and Bing dare not tread a place

47

00:02:06,160 --> 00:02:03,770

where staying anonymous reigned supreme

48

00:02:07,930 --> 00:02:06,170

in an infinite network of black markets

49

00:02:09,460 --> 00:02:07,940

underground websites and the information

50

00:02:11,710 --> 00:02:09,470

they don't want you to know about and

51
00:02:14,140 --> 00:02:11,720
today we've got a man who's an expert in

52
00:02:15,849 --> 00:02:14,150
the deep web internet cybersecurity and

53
00:02:17,800 --> 00:02:15,859
counter-surveillance and the covering of

54
00:02:18,550 --> 00:02:17,810
ones digital tracks he goes by the name

55
00:02:20,350 --> 00:02:18,560
of con ray

56
00:02:23,080 --> 00:02:20,360
Jagr he's the author of a book called

57
00:02:24,610 --> 00:02:23,090
deep web secrecy and security which is

58
00:02:26,199 --> 00:02:24,620
really all I could find out about the

59
00:02:29,589 --> 00:02:26,209
guy and that's how you know he's good

60
00:02:31,690 --> 00:02:29,599
Conrad my man welcome to THC hey Greg

61
00:02:34,089 --> 00:02:31,700
thank you so much for having me yeah

62
00:02:35,530 --> 00:02:34,099
it's a real pleasure I think a lot of

63
00:02:38,320 --> 00:02:35,540

people have concerns with their online

64

00:02:40,900 --> 00:02:38,330

safety from some of those things I

65

00:02:42,790 --> 00:02:40,910

mentioned but they also don't want to

66

00:02:44,350 --> 00:02:42,800

seem paranoid but I guess let's start

67

00:02:46,990 --> 00:02:44,360

with identifying the problem what are

68

00:02:48,280 --> 00:02:47,000

some of the areas where people on the

69

00:02:49,780 --> 00:02:48,290

surface web they're just not being

70

00:02:52,090 --> 00:02:49,790

careful enough like what are some of the

71

00:02:54,190 --> 00:02:52,100

ramifications of that well quite frankly

72

00:02:55,720 --> 00:02:54,200

I think we should all be paranoid we

73

00:02:57,580 --> 00:02:55,730

should be very very scared indeed

74

00:02:59,259 --> 00:02:57,590

because I mean on one level we've had a

75

00:03:02,620 --> 00:02:59,269

lot of publicity about the National

76
00:03:04,449 --> 00:03:02,630
Security Agency and Britain's GCHQ you

77
00:03:06,550 --> 00:03:04,459
know monitoring all of our emails you

78
00:03:08,770 --> 00:03:06,560
know getting in some of our computers we

79
00:03:11,470 --> 00:03:08,780
actually should worry about cyber

80
00:03:13,660 --> 00:03:11,480
criminals because frankly everybody on

81
00:03:16,449 --> 00:03:13,670
the planet uses the Internet is frankly

82
00:03:17,949 --> 00:03:16,459
a target and there's a lot of things we

83
00:03:20,620 --> 00:03:17,959
can do I mean they're gonna come at us

84
00:03:22,870 --> 00:03:20,630
primarily through our email I within

85
00:03:24,640 --> 00:03:22,880
last 10 minutes or so I have various

86
00:03:27,390 --> 00:03:24,650
security products on my computer

87
00:03:31,150 --> 00:03:27,400
it just went Bing somebody sent me

88
00:03:33,370 --> 00:03:31,160

purportedly from my bank an email about

89

00:03:35,770 --> 00:03:33,380

updating my status with them and that

90

00:03:38,349 --> 00:03:35,780

was a complete fake and phony if I

91

00:03:40,420 --> 00:03:38,359

falling for that one that if easily

92

00:03:41,710 --> 00:03:40,430

planted spyware and slide my machine

93

00:03:44,590 --> 00:03:41,720

they would have found all my passwords

94

00:03:46,479 --> 00:03:44,600

and my bank details if I'd be so foolish

95

00:03:48,640 --> 00:03:46,489

as to leave them sort of in the clear

96

00:03:50,140 --> 00:03:48,650

inside the machine so on that level we

97

00:03:51,610 --> 00:03:50,150

should really worry about cyber

98

00:03:53,259 --> 00:03:51,620

criminals and then it just moves on

99

00:03:55,509 --> 00:03:53,269

there's so many people I have an

100

00:03:57,250 --> 00:03:55,519

interest in knowing what we're doing you

101
00:04:00,250 --> 00:03:57,260
know all the way from advertising

102
00:04:02,050 --> 00:04:00,260
agencies people that collect data for I

103
00:04:04,000 --> 00:04:02,060
know presidential campaigns you know

104
00:04:05,890 --> 00:04:04,010
voting rights and all the rest of it we

105
00:04:08,259 --> 00:04:05,900
need to concern ourselves in every

106
00:04:10,420 --> 00:04:08,269
single level and frankly everybody needs

107
00:04:11,849 --> 00:04:10,430
to wake up and really just tighten up

108
00:04:15,430 --> 00:04:11,859
the things they do on the internet

109
00:04:17,400 --> 00:04:15,440
mm-hmm yeah man I've read I read your

110
00:04:19,900 --> 00:04:17,410
book and I got several interesting

111
00:04:22,930 --> 00:04:19,910
little factoids from it I mean mainly

112
00:04:24,610 --> 00:04:22,940
it's that 1,600 people are added to the

113
00:04:26,800 --> 00:04:24,620

terrorist watch list daily which is

114

00:04:28,750 --> 00:04:26,810

concerning but even if you're not saying

115

00:04:30,760 --> 00:04:28,760

anything controversial online just by

116

00:04:32,140 --> 00:04:30,770

visiting Twitter there are 5,000

117

00:04:33,820 --> 00:04:32,150

companies that have paid

118

00:04:36,250 --> 00:04:33,830

good money to be able to latch on and

119

00:04:37,750 --> 00:04:36,260

track you and Facebook it's over 8,000

120

00:04:39,760 --> 00:04:37,760

companies that have access to you and

121

00:04:41,470 --> 00:04:39,770

those are just the big ones I mean it

122

00:04:43,120 --> 00:04:41,480

there's no signs that show that this

123

00:04:43,690 --> 00:04:43,130

kind of activity is gonna slow in the

124

00:04:46,260 --> 00:04:43,700

future

125

00:04:50,440 --> 00:04:46,270

no I frankly if anything it will grow

126

00:04:52,870 --> 00:04:50,450

you know I mean advertising aside you

127

00:04:55,120 --> 00:04:52,880

know people might wonder how websites

128

00:04:58,000 --> 00:04:55,130

like Twitter or whatever make money well

129

00:05:00,190 --> 00:04:58,010

they need money by sharing selling your

130

00:05:02,440 --> 00:05:00,200

information to all sorts of people and

131

00:05:03,970 --> 00:05:02,450

we should really worry about that on one

132

00:05:05,310 --> 00:05:03,980

level it is really boring and

133

00:05:07,630 --> 00:05:05,320

inconvenient you know to be

134

00:05:09,340 --> 00:05:07,640

micro-targeted with advertising but

135

00:05:12,250 --> 00:05:09,350

equally you know once they start knowing

136

00:05:14,290 --> 00:05:12,260

things about you I know it just gets out

137

00:05:16,150 --> 00:05:14,300

and about and who knows what people will

138

00:05:18,370 --> 00:05:16,160

do with that information plus we also

139

00:05:20,800 --> 00:05:18,380

know that the government piggy backs are

140

00:05:23,110 --> 00:05:20,810

on this kind of data particularly the

141

00:05:27,280 --> 00:05:23,120

data is collected by mobile phone apps

142

00:05:28,780 --> 00:05:27,290

smartphone apps yeah I know phones are

143

00:05:30,130 --> 00:05:28,790

going to be more and more concerning

144

00:05:32,680 --> 00:05:30,140

because they don't have a lot of

145

00:05:34,600 --> 00:05:32,690

security and yet they're being able to

146

00:05:36,190 --> 00:05:34,610

do more and more things so they're

147

00:05:39,040 --> 00:05:36,200

becoming these little mini computers

148

00:05:40,360 --> 00:05:39,050

without much of the security or at least

149

00:05:42,050 --> 00:05:40,370

it's just something that people aren't

150

00:05:44,360 --> 00:05:42,060

thinking about

151

00:05:46,760 --> 00:05:44,370

it's the fastest growing area for cyber

152

00:05:49,040 --> 00:05:46,770

criminals and also for intelligence

153

00:05:51,080 --> 00:05:49,050

agencies and law enforcement almost

154

00:05:54,070 --> 00:05:51,090

everybody now has got some kind of smart

155

00:05:57,020 --> 00:05:54,080

cell phone and very few people actually

156

00:05:58,730 --> 00:05:57,030

bother to install the most basic

157

00:06:01,730 --> 00:05:58,740

security measures I was at a conference

158

00:06:03,440 --> 00:06:01,740

last week and doing a class in

159

00:06:05,930 --> 00:06:03,450

cybersecurity and I asked people to put

160

00:06:08,720 --> 00:06:05,940

their hands up how many people had just

161

00:06:11,540 --> 00:06:08,730

basic anti spyware are on their phones

162

00:06:14,090 --> 00:06:11,550

or even in the computers so few people

163

00:06:16,130 --> 00:06:14,100

put their hands up it's alarming when

164

00:06:17,540 --> 00:06:16,140

you think that this stuff is free you

165

00:06:19,190 --> 00:06:17,550

don't have to pay for it and you're

166

00:06:21,500 --> 00:06:19,200

better off getting some of the free and

167

00:06:23,930 --> 00:06:21,510

he's spoiler um there's no good reason

168

00:06:26,330 --> 00:06:23,940

not to be doing this yeah

169

00:06:28,640 --> 00:06:26,340

there's not but in terms of cyber

170

00:06:31,910 --> 00:06:28,650

security what are some of the most

171

00:06:35,200 --> 00:06:31,920

important practices that the layman

172

00:06:38,120 --> 00:06:35,210

should be introducing into their online

173

00:06:41,000 --> 00:06:38,130

repertoire okay well one of the big

174

00:06:43,010 --> 00:06:41,010

things is is called a drive-by download

175

00:06:46,160 --> 00:06:43,020

you know there you are you're you know

176

00:06:48,140 --> 00:06:46,170

maybe on your phone and you know someone

177

00:06:50,030 --> 00:06:48,150

tweaks you and says oh look there's a

178

00:06:53,060 --> 00:06:50,040

really interesting story on this website

179

00:06:55,430 --> 00:06:53,070

here and you follow that link and maybe

180

00:07:00,410 --> 00:06:55,440

it's a spoof website and it's contained

181

00:07:02,420 --> 00:07:00,420

it contains a lot of you know in the way

182

00:07:04,070 --> 00:07:02,430

that you visit almost any web site they

183

00:07:06,170 --> 00:07:04,080

will put plant a cookie inside your

184

00:07:08,390 --> 00:07:06,180

computer yeah well it's the same

185

00:07:10,490 --> 00:07:08,400

techniques that people use to plant

186

00:07:12,680 --> 00:07:10,500

spyware in your computers so you know

187

00:07:14,660 --> 00:07:12,690

you'll be sent off to you know a phony

188

00:07:17,900 --> 00:07:14,670

website and before you know it your

189

00:07:20,600 --> 00:07:17,910

computer's infected equally they've got

190

00:07:22,910 --> 00:07:20,610

smarter than that and they can now input

191

00:07:25,490 --> 00:07:22,920

this the spyware technology inside

192

00:07:27,680 --> 00:07:25,500

legitimate websites so you might visit

193

00:07:30,080 --> 00:07:27,690

somewhere that's completely in an ok

194

00:07:32,930 --> 00:07:30,090

website but for an advertising another

195

00:07:35,090 --> 00:07:32,940

means they can then insert malware into

196

00:07:37,640 --> 00:07:35,100

your computer this is called up watering

197

00:07:39,530 --> 00:07:37,650

holder tag now how do we know about this

198

00:07:41,990 --> 00:07:39,540

how do we know this is even happening to

199

00:07:44,690 --> 00:07:42,000

us when we're visiting a web site but

200

00:07:46,190 --> 00:07:44,700

there's various programs simple little

201
00:07:47,930 --> 00:07:46,200
free apps that you can install in your

202
00:07:50,660 --> 00:07:47,940
browser and I highly recommend you use

203
00:07:52,760 --> 00:07:50,670
Firefox and you install these and it

204
00:07:55,220 --> 00:07:52,770
will alert you the instant somebody

205
00:07:55,820 --> 00:07:55,230
tries to plant anything in your computer

206
00:07:58,850 --> 00:07:55,830
and

207
00:08:01,370 --> 00:07:58,860
it costs nothing huh interesting

208
00:08:03,290 --> 00:08:01,380
so man how how important is something

209
00:08:04,760 --> 00:08:03,300
like making a strong password I hear all

210
00:08:07,310 --> 00:08:04,770
the time that passwords are weak from

211
00:08:09,230 --> 00:08:07,320
people who dabble in hacking but what

212
00:08:12,350 --> 00:08:09,240
techniques should people be putting into

213
00:08:15,050 --> 00:08:12,360

their passwords okay so what not to do

214

00:08:17,180 --> 00:08:15,060

what not to do is use any word you can

215

00:08:19,220 --> 00:08:17,190

find in the dictionary they use any

216

00:08:20,930 --> 00:08:19,230

dates memorable dates don't use your

217

00:08:22,880 --> 00:08:20,940

mother's maiden name because if

218

00:08:24,680 --> 00:08:22,890

someone's that interested in you and

219

00:08:26,480 --> 00:08:24,690

you've got a Facebook page they probably

220

00:08:28,370 --> 00:08:26,490

see your mother on there figure out her

221

00:08:29,720 --> 00:08:28,380

maiden name and incorporate that into

222

00:08:32,450 --> 00:08:29,730

the cracking techniques for your

223

00:08:34,760 --> 00:08:32,460

password what do you do okay this is

224

00:08:38,990 --> 00:08:34,770

really simple and I love to teach this

225

00:08:44,810 --> 00:08:39,000

to people um if you if you can remember

226

00:08:48,110 --> 00:08:44,820

say the opening line of a poem of a

227

00:08:49,550 --> 00:08:48,120

favorite book or a pop song if you can

228

00:08:51,080 --> 00:08:49,560

remember that you can remember a

229

00:08:53,540 --> 00:08:51,090

password I mean I'll give you an example

230

00:08:55,760 --> 00:08:53,550

okay and very simple ones lovely

231

00:08:58,490 --> 00:08:55,770

introduction to a book Jane Austen's

232

00:09:00,490 --> 00:08:58,500

Pride and Prejudice okay and it begins

233

00:09:02,930 --> 00:09:00,500

with it is a truth universally

234

00:09:05,450 --> 00:09:02,940

acknowledged that a single man in

235

00:09:06,200 --> 00:09:05,460

possession of a good fortune must be in

236

00:09:08,840 --> 00:09:06,210

want of a wife

237

00:09:11,480 --> 00:09:08,850

now anybody with half a brain could

238

00:09:14,330 --> 00:09:11,490

remember that you might wonder why what

239

00:09:16,400 --> 00:09:14,340

you do is you take the initial word from

240

00:09:19,310 --> 00:09:16,410

initial letter from every word in that

241

00:09:21,320 --> 00:09:19,320

opening paragraph and that is your

242

00:09:23,600 --> 00:09:21,330

password if you can remember that you've

243

00:09:26,150 --> 00:09:23,610

now got a string of meaningless letters

244

00:09:28,190 --> 00:09:26,160

and that when they try and crack your

245

00:09:30,740 --> 00:09:28,200

password using a thing called brute

246

00:09:33,800 --> 00:09:30,750

force when they run dictionaries up

247

00:09:35,150 --> 00:09:33,810

against your password that will not

248

00:09:38,090 --> 00:09:35,160

trigger anything because it's

249

00:09:39,650 --> 00:09:38,100

meaningless jumble of letters now if I

250

00:09:41,810 --> 00:09:39,660

can remember that which I easily can

251
00:09:43,550 --> 00:09:41,820
that's the basis of my password I'll put

252
00:09:46,670 --> 00:09:43,560
some up for a lowercase in it maybe put

253
00:09:48,920 --> 00:09:46,680
a number in it or two and maybe stick in

254
00:09:51,970 --> 00:09:48,930
a cup of smiley faces or something that

255
00:09:55,010 --> 00:09:51,980
then becomes an unbreakable password

256
00:09:56,750 --> 00:09:55,020
yeah man that actually is a pretty smart

257
00:10:00,980 --> 00:09:56,760
tip I like that I'm probably gonna start

258
00:10:03,560 --> 00:10:00,990
using that really and it's so important

259
00:10:07,880 --> 00:10:03,570
for you know for looking your your phone

260
00:10:09,140 --> 00:10:07,890
or your laptop particularly if you're

261
00:10:11,420 --> 00:10:09,150
using something like gee

262
00:10:13,760 --> 00:10:11,430
now hotmail any of these services

263
00:10:15,320 --> 00:10:13,770

wouldn't really recommend you do but you

264

00:10:18,560 --> 00:10:15,330

know lots of people do and they won't

265

00:10:20,480 --> 00:10:18,570

stop necessarily don't give a simple

266

00:10:22,580 --> 00:10:20,490

password something like that you can

267

00:10:24,620 --> 00:10:22,590

easily remember it and in a sense I find

268

00:10:26,960 --> 00:10:24,630

it kind of fun but I know how to do this

269

00:10:30,110 --> 00:10:26,970

and I can easily tap that into a

270

00:10:32,000 --> 00:10:30,120

keyboard and it amuses me and I know it

271

00:10:36,260 --> 00:10:32,010

will block most people including me in

272

00:10:37,700 --> 00:10:36,270

this say yeah man it is a weird world

273

00:10:39,620 --> 00:10:37,710

out there now I mean when I think about

274

00:10:41,960 --> 00:10:39,630

the way governments and the privileged

275

00:10:43,820 --> 00:10:41,970

corporations are using the what what you

276

00:10:46,250 --> 00:10:43,830

call the surface web the internet we all

277

00:10:47,810 --> 00:10:46,260

know it's kind of exactly what they do

278

00:10:49,550 --> 00:10:47,820

in the real world I mean our leaders

279

00:10:51,530 --> 00:10:49,560

give us entertainment and shiny new

280

00:10:53,540 --> 00:10:51,540

electronic toys and finely tuned

281

00:10:54,950 --> 00:10:53,550

air-conditioning in exchange for looking

282

00:10:57,200 --> 00:10:54,960

the other way when they invade a country

283

00:10:59,330 --> 00:10:57,210

or lock some people up in Guantanamo Bay

284

00:11:01,220 --> 00:10:59,340

I mean sure it's bad but we got a good

285

00:11:03,050 --> 00:11:01,230

thing going here so we let them do kind

286

00:11:04,460 --> 00:11:03,060

of whatever they want and the internet

287

00:11:07,040 --> 00:11:04,470

is kind of the same way we allow the

288

00:11:08,750 --> 00:11:07,050

abuses to go on because we love Netflix

289

00:11:11,000 --> 00:11:08,760

and we love Facebook and it we don't

290

00:11:12,620 --> 00:11:11,010

want that to get interrupted and also I

291

00:11:15,320 --> 00:11:12,630

don't think people take it seriously you

292

00:11:17,930 --> 00:11:15,330

know I mean the often-repeated line is I

293

00:11:19,790 --> 00:11:17,940

have nothing to hide therefore I have

294

00:11:21,110 --> 00:11:19,800

nothing to fear well it doesn't even

295

00:11:23,270 --> 00:11:21,120

matter whether you've got to hide

296

00:11:24,710 --> 00:11:23,280

anything or not we're looking at if you

297

00:11:26,960 --> 00:11:24,720

take law enforcement intelligence

298

00:11:29,630 --> 00:11:26,970

agencies you're dealing with people who

299

00:11:32,270 --> 00:11:29,640

are hyper suspicious you know they can

300

00:11:34,220 --> 00:11:32,280

misconstrue anything you know from very

301
00:11:36,140 --> 00:11:34,230
simple activities you know let's say you

302
00:11:37,610 --> 00:11:36,150
watch a film about terrorism I don't

303
00:11:39,680 --> 00:11:37,620
know something like that you think wow

304
00:11:41,000 --> 00:11:39,690
that's really interesting I like to look

305
00:11:42,980 --> 00:11:41,010
a little bit deeper into this subject

306
00:11:46,040 --> 00:11:42,990
you start looking into terrorism online

307
00:11:48,040 --> 00:11:46,050
and hey presto suddenly you've come to

308
00:11:50,360 --> 00:11:48,050
the intentional death of the authorities

309
00:11:52,580 --> 00:11:50,370
and before you know it you might find

310
00:11:54,770 --> 00:11:52,590
yourself on an airline no-fly list and

311
00:11:57,350 --> 00:11:54,780
suddenly all your contacts and friends

312
00:11:59,450 --> 00:11:57,360
are being followed - or conversely one

313
00:12:01,340 --> 00:11:59,460

of your friends made research something

314

00:12:03,470 --> 00:12:01,350

they might want to I don't know take up

315

00:12:05,240 --> 00:12:03,480

shooting and buy a rifle or something

316

00:12:06,860 --> 00:12:05,250

and buy some ammunition so spending a

317

00:12:09,290 --> 00:12:06,870

lot of time looking at different weapons

318

00:12:11,240 --> 00:12:09,300

online and then suddenly they become of

319

00:12:13,340 --> 00:12:11,250

interest and then because they're of

320

00:12:15,050 --> 00:12:13,350

interest they find their contacts book

321

00:12:16,460 --> 00:12:15,060

they look in that and then you're in

322

00:12:18,140 --> 00:12:16,470

their contacts book you may have done

323

00:12:20,810 --> 00:12:18,150

nothing but you're caught up in a web

324

00:12:22,340 --> 00:12:20,820

suddenly and then bang you know you're

325

00:12:23,390 --> 00:12:22,350

potentially in trouble and with their

326

00:12:24,440 --> 00:12:23,400

suspicious

327

00:12:26,690 --> 00:12:24,450

you don't know what they're gonna

328

00:12:28,430 --> 00:12:26,700

misconstrue from your life mm-hmm and

329

00:12:31,520 --> 00:12:28,440

I've also had guests that have talked

330

00:12:33,820 --> 00:12:31,530

about the fact that the FBI you know and

331

00:12:35,840 --> 00:12:33,830

their counterterrorism investigations

332

00:12:37,910 --> 00:12:35,850

they're only really concerned with

333

00:12:40,070 --> 00:12:37,920

prosecutions or with charges they're not

334

00:12:42,050 --> 00:12:40,080

really concerned with clearing your name

335

00:12:44,390 --> 00:12:42,060

and a lot of people are actually getting

336

00:12:45,830 --> 00:12:44,400

caught up in these nets that really have

337

00:12:48,530 --> 00:12:45,840

no place be in there I mean didn't we

338

00:12:50,570 --> 00:12:48,540

just see there was a guy kid a few years

339

00:12:52,730 --> 00:12:50,580

ago who is trying to make a creative way

340

00:12:54,110 --> 00:12:52,740

of saying he was gonna party hard when

341

00:12:56,330 --> 00:12:54,120

he came to America and he said he was

342

00:12:59,480 --> 00:12:56,340

gonna destroy America he ended up having

343

00:13:00,650 --> 00:12:59,490

his vacation ruined no absolutely

344

00:13:01,040 --> 00:13:00,660

there's a British guy you know he's

345

00:13:04,130 --> 00:13:01,050

using

346

00:13:06,080 --> 00:13:04,140

typical London slang you know instead of

347

00:13:08,930 --> 00:13:06,090

saying I'm gonna have a jolly good time

348

00:13:11,660 --> 00:13:08,940

he said this ladies I'm gonna destroy

349

00:13:13,400 --> 00:13:11,670

him destroy America yeah well yeah you

350

00:13:15,380 --> 00:13:13,410

know yes we got no the Department of

351

00:13:17,240 --> 00:13:15,390

Homeland Security we're ready and

352

00:13:19,490 --> 00:13:17,250

waiting for him when he hit Los Angeles

353

00:13:23,240 --> 00:13:19,500

Airport you know and the thing is they

354

00:13:26,600 --> 00:13:23,250

knew everything about him except what he

355

00:13:29,120 --> 00:13:26,610

was actually talking about yeah isn't

356

00:13:32,150 --> 00:13:29,130

that ironic but man it's bad out there

357

00:13:33,950 --> 00:13:32,160

no question so let's kind of dive into

358

00:13:36,650 --> 00:13:33,960

this thing called the Deep Web I mean

359

00:13:38,150 --> 00:13:36,660

that's really what is sexy and

360

00:13:39,380 --> 00:13:38,160

mysterious about this thing I think

361

00:13:41,330 --> 00:13:39,390

that's what people want to know about

362

00:13:46,490 --> 00:13:41,340

how would you describe the Deep Web to

363

00:13:48,050 --> 00:13:46,500

the uninitiated okay well on the face of

364

00:13:50,630 --> 00:13:48,060

it the Deep Web itself is actually

365

00:13:53,030 --> 00:13:50,640

rather double because what it is it's

366

00:13:55,370 --> 00:13:53,040

all the areas of the internet that are

367

00:13:58,280 --> 00:13:55,380

not indexed by the search engines like

368

00:14:00,380 --> 00:13:58,290

Google if you think Google Yahoo Alta

369

00:14:02,480 --> 00:14:00,390

Vista their job is to throw up the most

370

00:14:04,130 --> 00:14:02,490

popular results for people if you look

371

00:14:06,410 --> 00:14:04,140

at the top you know the top questions

372

00:14:08,930 --> 00:14:06,420

asked of Google and any given week it's

373

00:14:11,060 --> 00:14:08,940

and they're celebrities and sporting

374

00:14:14,570 --> 00:14:11,070

events all the rest of it people don't

375

00:14:16,580 --> 00:14:14,580

want deep technical details so Google

376

00:14:19,400 --> 00:14:16,590

only skim the surface hence the term

377

00:14:21,770 --> 00:14:19,410

surface web I guess things beneath the

378

00:14:23,930 --> 00:14:21,780

surface I know it might be really

379

00:14:25,970 --> 00:14:23,940

technical staff I learned that could be

380

00:14:28,940 --> 00:14:25,980

all sorts of things they don't get

381

00:14:31,820 --> 00:14:28,950

caught up within the searches so in a

382

00:14:35,450 --> 00:14:31,830

nutshell if Google aren't looking at it

383

00:14:36,889 --> 00:14:35,460

it's Deep Web an example would be Google

384

00:14:39,470 --> 00:14:36,899

would tell you of the exist

385

00:14:41,809 --> 00:14:39,480

of a database or an archive somewhere

386

00:14:44,629 --> 00:14:41,819

but it doesn't look inside that database

387

00:14:48,350 --> 00:14:44,639

or archive so what's inside that is deep

388

00:14:49,970 --> 00:14:48,360

wet however the thing about the Deep Web

389

00:14:51,739 --> 00:14:49,980

it's huge

390

00:14:53,540 --> 00:14:51,749

people really don't know how big it is

391

00:14:56,929 --> 00:14:53,550

maybe it's five thousand times larger

392

00:15:00,199 --> 00:14:56,939

than the regular surface web but within

393

00:15:02,720 --> 00:15:00,209

this Deep Web or an unknown number of

394

00:15:05,090 --> 00:15:02,730

hidden networks and this is the app this

395

00:15:08,780 --> 00:15:05,100

is the area that is strange you know

396

00:15:11,359 --> 00:15:08,790

it's dangerous in some areas you know if

397

00:15:13,910 --> 00:15:11,369

you can easily run into arms dealers

398

00:15:15,980 --> 00:15:13,920

drug dealers slave traders Peter fast

399

00:15:19,100 --> 00:15:15,990

all manner of unpleasant people down

400

00:15:22,009 --> 00:15:19,110

there equally there are people like

401
00:15:25,249 --> 00:15:22,019
journalists that will use deep web tools

402
00:15:27,319 --> 00:15:25,259
on hidden networks to communicate with

403
00:15:30,439 --> 00:15:27,329
whistleblowers and dissidents aid

404
00:15:32,059 --> 00:15:30,449
agencies in repressive regimes who want

405
00:15:33,499 --> 00:15:32,069
to communicate with the amongst

406
00:15:35,150 --> 00:15:33,509
themselves and with their you know

407
00:15:37,249 --> 00:15:35,160
they're based back in Washington and all

408
00:15:38,749 --> 00:15:37,259
where have you would use these tools

409
00:15:41,480 --> 00:15:38,759
that they cannot that cannot be

410
00:15:44,210 --> 00:15:41,490
intercepted now so the really cool part

411
00:15:46,970 --> 00:15:44,220
of the Deep Web which frankly is just a

412
00:15:49,610 --> 00:15:46,980
massive information that most people are

413
00:15:52,579 --> 00:15:49,620

not interested in the interesting part

414

00:15:54,559 --> 00:15:52,589

or the hidden networks and one way you

415

00:15:57,169 --> 00:15:54,569

can look into this you know if if you

416

00:16:00,410 --> 00:15:57,179

fully we'll see in the movie Raiders of

417

00:16:02,929 --> 00:16:00,420

the Lost Ark well it in the final scene

418

00:16:05,660 --> 00:16:02,939

of Raiders Lost Ark they hide the Ark of

419

00:16:07,519 --> 00:16:05,670

the Covenant it's like a crate and then

420

00:16:10,100 --> 00:16:07,529

behind the crate inside an enormous

421

00:16:12,769 --> 00:16:10,110

warehouse full of identical crates yeah

422

00:16:14,689 --> 00:16:12,779

you see it's a matter of scale but if

423

00:16:16,869 --> 00:16:14,699

you expand that think of the Deep Web is

424

00:16:19,460 --> 00:16:16,879

of it warehouse for the crate but I

425

00:16:21,889 --> 00:16:19,470

magnitude of I don't know what billions

426
00:16:24,799 --> 00:16:21,899
times larger than that down in the

427
00:16:27,319 --> 00:16:24,809
Uncharted depths of the of the internet

428
00:16:29,829 --> 00:16:27,329
this is where people hide and they can

429
00:16:32,360 --> 00:16:29,839
hide extremely effectively and do so

430
00:16:34,249 --> 00:16:32,370
yeah man it's so interesting it's kind

431
00:16:35,840 --> 00:16:34,259
of like Google keeps you on Main Street

432
00:16:38,090 --> 00:16:35,850
but if you want to go down the alleys

433
00:16:40,309 --> 00:16:38,100
then you need to get on the deeper

434
00:16:42,379 --> 00:16:40,319
whatever yeah but I mean all sorts of

435
00:16:44,299 --> 00:16:42,389
things things that you might not you

436
00:16:46,699 --> 00:16:44,309
know might not be popular things to

437
00:16:49,189 --> 00:16:46,709
discuss I don't know anything

438
00:16:51,010 --> 00:16:49,199

there are bulletin boards that are chat

439

00:16:52,930 --> 00:16:51,020

rooms there are all sorts of things

440

00:16:54,970 --> 00:16:52,940

and down all these hidden networks one

441

00:16:56,380 --> 00:16:54,980

of which is the torque Network next

442

00:16:58,750 --> 00:16:56,390

we'll talk about that in a moment and

443

00:17:01,329 --> 00:16:58,760

you can discuss anything and do it with

444

00:17:03,160 --> 00:17:01,339

complete anonymity in a way that you

445

00:17:08,020 --> 00:17:03,170

cannot describe and discuss things with

446

00:17:09,340 --> 00:17:08,030

anonymity on the surface web mm-hmm yeah

447

00:17:10,780 --> 00:17:09,350

I mean another thing I learned out of

448

00:17:13,179 --> 00:17:10,790

your book that was pretty fascinating

449

00:17:15,579 --> 00:17:13,189

was that they're considered to be two

450

00:17:17,740 --> 00:17:15,589

billion people using the surface web but

451
00:17:20,590 --> 00:17:17,750
less than half a million are on the Deep

452
00:17:22,510 --> 00:17:20,600
Web which sounds so crazy like 5,000

453
00:17:25,540 --> 00:17:22,520
times more data but fewer people than

454
00:17:27,100 --> 00:17:25,550
live in Denver Colorado absolutely very

455
00:17:29,560 --> 00:17:27,110
few people are using it but I think more

456
00:17:32,290 --> 00:17:29,570
and more people are waking up to the

457
00:17:33,850 --> 00:17:32,300
possibilities of using using a hidden

458
00:17:36,400 --> 00:17:33,860
network like the tour

459
00:17:38,710 --> 00:17:36,410
it's called tour The Onion Router that's

460
00:17:41,770 --> 00:17:38,720
what it stands for onion because it's a

461
00:17:43,930 --> 00:17:41,780
multi-layered encryption process I don't

462
00:17:46,630 --> 00:17:43,940
really get to tech to technical boring

463
00:17:48,970 --> 00:17:46,640

here but you know The Onion Router was

464

00:17:51,520 --> 00:17:48,980

actually set up with funds by the US

465

00:17:53,590 --> 00:17:51,530

Navy at the start of millennium as a

466

00:17:57,130 --> 00:17:53,600

secure means of communication amongst

467

00:17:58,900 --> 00:17:57,140

themselves now the US government also

468

00:18:01,450 --> 00:17:58,910

have been putting money into this

469

00:18:03,160 --> 00:18:01,460

because they realize it helps human

470

00:18:05,049 --> 00:18:03,170

rights activist free speech advocates

471

00:18:07,860 --> 00:18:05,059

around the world and there's a kind of

472

00:18:09,730 --> 00:18:07,870

irony here I'm sure it's been you know

473

00:18:12,070 --> 00:18:09,740

register with most of you most people

474

00:18:13,660 --> 00:18:12,080

listening now but you know you can use

475

00:18:16,390 --> 00:18:13,670

these facilities and they're happy for

476

00:18:21,130 --> 00:18:16,400

people to use them and they will fund it

477

00:18:22,960 --> 00:18:21,140

now partly funded and as a result as a

478

00:18:24,490 --> 00:18:22,970

journalist aid workers free speech

479

00:18:27,280 --> 00:18:24,500

people are using this all over the place

480

00:18:30,850 --> 00:18:27,290

however because it's so sharp it's so

481

00:18:32,680 --> 00:18:30,860

clever so hard to be tracked on the Tor

482

00:18:34,810 --> 00:18:32,690

network that you will find money

483

00:18:36,700 --> 00:18:34,820

launderers and you know arms dealers and

484

00:18:39,250 --> 00:18:36,710

drugs dealers and all the rest of it I

485

00:18:42,280 --> 00:18:39,260

think most self-respecting serious

486

00:18:45,610 --> 00:18:42,290

criminals don't communicate using

487

00:18:49,090 --> 00:18:45,620

Facebook or Twitter or their email they

488

00:18:51,190 --> 00:18:49,100

use Deep Web tools right and like for

489

00:18:52,390 --> 00:18:51,200

people who are trying to think of things

490

00:18:54,400 --> 00:18:52,400

they might have heard of that's where

491

00:18:55,570 --> 00:18:54,410

the WikiLeaks full archive is I think

492

00:18:57,370 --> 00:18:55,580

that's also where of course I'm sure

493

00:19:00,220 --> 00:18:57,380

people have heard of Silk Road both of

494

00:19:02,950 --> 00:19:00,230

these websites are archives are are

495

00:19:04,930 --> 00:19:02,960

located deep within the dark web right

496

00:19:07,150 --> 00:19:04,940

yeah I mean the

497

00:19:09,580 --> 00:19:07,160

Silk Road which has been brought down

498

00:19:11,530 --> 00:19:09,590

and it's now come back again under a

499

00:19:13,840 --> 00:19:11,540

slightly different form and that's still

500

00:19:16,570 --> 00:19:13,850

running a lot of the wiki leaks me too

501
00:19:19,540 --> 00:19:16,580
you will find on the so called surface

502
00:19:21,220 --> 00:19:19,550
web however you will find things on the

503
00:19:23,050 --> 00:19:21,230
Deep Web and it won't take you very long

504
00:19:25,090 --> 00:19:23,060
to find you know to find these places

505
00:19:27,040 --> 00:19:25,100
you're fine dieter and you're fine

506
00:19:30,130 --> 00:19:27,050
sensitive documents before WikiLeaks

507
00:19:32,560 --> 00:19:30,140
even gets their hands on them you know

508
00:19:34,840 --> 00:19:32,570
in the book I give various sort of like

509
00:19:36,670 --> 00:19:34,850
starting points entry entry points into

510
00:19:40,300 --> 00:19:36,680
the you know the the onion

511
00:19:42,940 --> 00:19:40,310
you know Network and one thing is called

512
00:19:45,280 --> 00:19:42,950
the hidden wiki and it just lists all

513
00:19:48,430 --> 00:19:45,290

sorts of places where people will dump

514

00:19:50,500 --> 00:19:48,440

tons of information just occurs you know

515

00:19:51,910 --> 00:19:50,510

whistleblowers they can't don't trust

516

00:19:53,410 --> 00:19:51,920

giving it to the press they certainly

517

00:19:55,750 --> 00:19:53,420

don't trust going to whistleblower

518

00:19:58,120 --> 00:19:55,760

organizations and they will upload an

519

00:20:00,400 --> 00:19:58,130

amazing amount of documents certainly

520

00:20:02,800 --> 00:20:00,410

from a journalist it's likely interested

521

00:20:04,150 --> 00:20:02,810

in life generally you can pass through

522

00:20:06,190 --> 00:20:04,160

some of this stuff and have your mind

523

00:20:08,740 --> 00:20:06,200

blown right yeah that's kind of what's

524

00:20:10,480 --> 00:20:08,750

most interesting to me but let's tell

525

00:20:12,550 --> 00:20:10,490

people kind of how this works

526

00:20:15,880 --> 00:20:12,560

traditional internet you know you you

527

00:20:18,640 --> 00:20:15,890

log on you have an IP address it's kind

528

00:20:22,150 --> 00:20:18,650

of tied to your computer so you're

529

00:20:24,040 --> 00:20:22,160

fairly traceable you leave a big

530

00:20:26,920 --> 00:20:24,050

footprint on the surface web so you

531

00:20:28,390 --> 00:20:26,930

mentioned for The Onion Router like what

532

00:20:29,980 --> 00:20:28,400

tell people what that is is that that's

533

00:20:33,550 --> 00:20:29,990

like a client right you have you

534

00:20:36,160 --> 00:20:33,560

download that and then what happens okay

535

00:20:40,270 --> 00:20:36,170

so what you simply do is you download

536

00:20:42,220 --> 00:20:40,280

the Tor Firefox browser free of charge

537

00:20:43,450 --> 00:20:42,230

I do recommend in the book that you you

538

00:20:45,370 --> 00:20:43,460

know play around with the settings just

539

00:20:48,160 --> 00:20:45,380

a little bit nothing complicated take

540

00:20:50,910 --> 00:20:48,170

about a minute and then suddenly you

541

00:20:53,200 --> 00:20:50,920

launch this browser and you can be 100%

542

00:20:55,660 --> 00:20:53,210

anonymous on the Internet your internet

543

00:20:57,610 --> 00:20:55,670

service provider what perhaps know that

544

00:20:58,380 --> 00:20:57,620

you've entered the Tor network but what

545

00:21:00,670 --> 00:20:58,390

you've done

546

00:21:02,880 --> 00:21:00,680

subsequently will you do subsequently if

547

00:21:05,230 --> 00:21:02,890

they can't see cuz you're down

548

00:21:07,240 --> 00:21:05,240

effectively a hidden tunnel a secret

549

00:21:08,950 --> 00:21:07,250

tunnel and then you know you may be

550

00:21:11,500 --> 00:21:08,960

sitting there in Seattle or somewhere

551
00:21:13,210 --> 00:21:11,510
accessing the Internet but do anyone

552
00:21:15,340 --> 00:21:13,220
watching you when you pop up somewhere

553
00:21:17,320 --> 00:21:15,350
else - I'll say Google the question it

554
00:21:18,400 --> 00:21:17,330
may look like you're in Helsinki Finland

555
00:21:20,620 --> 00:21:18,410
they've got no console

556
00:21:22,900 --> 00:21:20,630
of who you are or way well you're quite

557
00:21:24,910 --> 00:21:22,910
anonymous and also using this browser

558
00:21:27,520 --> 00:21:24,920
allows you to branch off deeper down

559
00:21:29,350 --> 00:21:27,530
into the Tor network itself this

560
00:21:30,970 --> 00:21:29,360
particular hidden network where you can

561
00:21:33,010 --> 00:21:30,980
visit all manner of weird bulletin

562
00:21:35,200 --> 00:21:33,020
boards you can visit you know the the

563
00:21:37,890 --> 00:21:35,210

latest incarnation of the Silk Road and

564

00:21:40,180 --> 00:21:37,900

so on and so forth right and so what's

565

00:21:42,340 --> 00:21:40,190

off-putting for a lot of people is that

566

00:21:43,990 --> 00:21:42,350

there is no general search engine

567

00:21:45,850 --> 00:21:44,000

because nothing is indexed or monitored

568

00:21:47,710 --> 00:21:45,860

down there so you've got to kind of know

569

00:21:51,400 --> 00:21:47,720

an exact website and you can't just put

570

00:21:52,750 --> 00:21:51,410

in like tickets.com well it's not onion

571

00:21:54,340 --> 00:21:52,760

everything's dyed onion but you can't

572

00:21:56,140 --> 00:21:54,350

just put in like tickets dot onion or

573

00:21:58,540 --> 00:21:56,150

cool art dot onion and hope to get lucky

574

00:22:00,250 --> 00:21:58,550

because all the web addresses are just

575

00:22:02,890 --> 00:22:00,260

kind of random letters and numbers right

576

00:22:04,930 --> 00:22:02,900

it's in teeth I oh no you can't do that

577

00:22:06,730 --> 00:22:04,940

what you need to do and again keep in a

578

00:22:08,590 --> 00:22:06,740

mention in the book but in the book I do

579

00:22:11,620 --> 00:22:08,600

give various entry points there's the

580

00:22:13,390 --> 00:22:11,630

hidden wiki which lists all sorts of

581

00:22:15,640 --> 00:22:13,400

things is fairest I wrecked trees that

582

00:22:17,770 --> 00:22:15,650

people have put together these are user

583

00:22:19,270 --> 00:22:17,780

edited directories so if somebody finds

584

00:22:21,820 --> 00:22:19,280

something interesting on it say they

585

00:22:22,720 --> 00:22:21,830

starter in a chat chat group on on a

586

00:22:24,970 --> 00:22:22,730

particular subject

587

00:22:27,550 --> 00:22:24,980

they were then this that in one of these

588

00:22:31,390 --> 00:22:27,560

directories so the thing to do is launch

589

00:22:33,940 --> 00:22:31,400

a Firefox browser cut and paste in safe

590

00:22:35,620 --> 00:22:33,950

from the book of some other source the

591

00:22:38,020 --> 00:22:35,630

address for the hidden wiki and hey

592

00:22:39,700 --> 00:22:38,030

presto you've got an entry point and it

593

00:22:41,980 --> 00:22:39,710

will give you so many different places

594

00:22:44,140 --> 00:22:41,990

to go off in Explorer and I thought you

595

00:22:46,150 --> 00:22:44,150

know the first date you know any of us

596

00:22:48,190 --> 00:22:46,160

listening here weakness it found the

597

00:22:51,070 --> 00:22:48,200

internet you know you imagine you know

598

00:22:53,740 --> 00:22:51,080

it was an amazing thing of the separated

599

00:22:54,850 --> 00:22:53,750

yeah you start looking at something and

600

00:22:56,290 --> 00:22:54,860

before you know it you're looking at

601
00:22:58,810 --> 00:22:56,300
something in tiny different and you're

602
00:23:03,340 --> 00:22:58,820
going on this amazing journey it's like

603
00:23:05,410 --> 00:23:03,350
that but stranger much much swing that

604
00:23:07,450 --> 00:23:05,420
sounds so crazy can you give us some

605
00:23:08,980 --> 00:23:07,460
examples of the stuff you found down

606
00:23:10,780 --> 00:23:08,990
there that might kind of surprise people

607
00:23:14,050 --> 00:23:10,790
that that they'd even have access to

608
00:23:15,910 --> 00:23:14,060
from their home computer well um yeah I

609
00:23:20,110 --> 00:23:15,920
mean just I mean simple things I mean

610
00:23:23,260 --> 00:23:20,120
you can buy any kinds of identity you

611
00:23:26,610 --> 00:23:23,270
could buy US passports Canadian

612
00:23:31,529 --> 00:23:26,620
passports you can you can have people

613
00:23:33,869 --> 00:23:31,539

send you documents let's say you want to

614

00:23:35,609 --> 00:23:33,879

take out a new credit card this is all

615

00:23:37,320 --> 00:23:35,619

the bad stuff by the way they will send

616

00:23:39,629 --> 00:23:37,330

you documents that say your you know you

617

00:23:41,489 --> 00:23:39,639

you're paying for various utilities in a

618

00:23:43,739 --> 00:23:41,499

particular address which you're not and

619

00:23:45,869 --> 00:23:43,749

the stuff looks so genuine it will

620

00:23:48,029 --> 00:23:45,879

convince pretty much most banks to allow

621

00:23:51,779 --> 00:23:48,039

them to give you a credit card Wow

622

00:23:53,789 --> 00:23:51,789

equally equally you can buy you can buy

623

00:23:56,849 --> 00:23:53,799

people's credit card details that people

624

00:23:59,279 --> 00:23:56,859

have stolen and go off and buy things if

625

00:24:01,889 --> 00:23:59,289

you if you have that of that Bend you

626
00:24:04,200 --> 00:24:01,899
can buy firearms a lot cheaper then you

627
00:24:07,019 --> 00:24:04,210
can actually buy in the stores which I

628
00:24:10,619 --> 00:24:07,029
found pretty shocking there's drugs

629
00:24:12,180 --> 00:24:10,629
there's weird sex stuff and you know

630
00:24:14,999 --> 00:24:12,190
then there's activism all manner of

631
00:24:18,269 --> 00:24:15,009
activism just dismissed ik discussions

632
00:24:20,070 --> 00:24:18,279
going on about all men amongst mm-hmm

633
00:24:21,839 --> 00:24:20,080
man you know when I was getting ready

634
00:24:24,119 --> 00:24:21,849
for this show I watched a few video

635
00:24:26,159 --> 00:24:24,129
walkthroughs on YouTube and they showed

636
00:24:28,799 --> 00:24:26,169
some pretty gnarly websites man there

637
00:24:30,690 --> 00:24:28,809
was a one called quick kill where you

638
00:24:33,119 --> 00:24:30,700

can hire from a network of anonymous

639

00:24:35,639 --> 00:24:33,129

assassins they charge 20 grand for any

640

00:24:37,469 --> 00:24:35,649

normal civilian that what you need half

641

00:24:40,169 --> 00:24:37,479

up front half when the job is complete

642

00:24:41,729 --> 00:24:40,179

and if you want to kill a cop or a

643

00:24:43,440 --> 00:24:41,739

journalist well that'll cost you a

644

00:24:44,999 --> 00:24:43,450

hundred grand and that was one of the

645

00:24:47,310 --> 00:24:45,009

crazier things I saw and it's kind of

646

00:24:49,259 --> 00:24:47,320

funny because there's a lot of mystique

647

00:24:50,729 --> 00:24:49,269

and conspiracy around deaths like

648

00:24:52,560 --> 00:24:50,739

michael hastings or some of these

649

00:24:54,210 --> 00:24:52,570

high-level bankers and people like me

650

00:24:55,919 --> 00:24:54,220

always want to get to an answer but

651
00:24:57,570 --> 00:24:55,929
there it is you know monsanto wants to

652
00:25:00,089 --> 00:24:57,580
kill a few journalists that are a PR

653
00:25:02,099 --> 00:25:00,099
problem well half a million bucks which

654
00:25:04,289 --> 00:25:02,109
is like nothing to them i assume

655
00:25:06,419 --> 00:25:04,299
companies like monsanto might even have

656
00:25:08,039 --> 00:25:06,429
a quick hill punch card it's so crazy

657
00:25:09,479 --> 00:25:08,049
i'm gonna tell you there's so many

658
00:25:10,859 --> 00:25:09,489
people advertising it there must be

659
00:25:12,749 --> 00:25:10,869
something in there you know you can't

660
00:25:14,669 --> 00:25:12,759
take out an advertisement or have a

661
00:25:17,609 --> 00:25:14,679
listing in the in together of white

662
00:25:19,799 --> 00:25:17,619
pages but my god these people do list

663
00:25:22,349 --> 00:25:19,809

their services and you know you

664

00:25:24,269 --> 00:25:22,359

communicate with them using an encrypted

665

00:25:26,669 --> 00:25:24,279

thing generally that people use a thing

666

00:25:28,349 --> 00:25:26,679

called PGP which is pretty good privacy

667

00:25:30,599 --> 00:25:28,359

and it's a means of completely

668

00:25:33,629 --> 00:25:30,609

encrypting your communications backwards

669

00:25:35,580 --> 00:25:33,639

and forwards anybody who was able to

670

00:25:36,899 --> 00:25:35,590

intercept just couldn't read what you

671

00:25:39,210 --> 00:25:36,909

were what you weren't you know writing

672

00:25:42,359 --> 00:25:39,220

or receiving so that works very very

673

00:25:45,450 --> 00:25:42,369

well they would use the untraceable

674

00:25:47,850 --> 00:25:45,460

deep web currency the Bitcoin

675

00:25:49,500 --> 00:25:47,860

and pay for things that way and there's

676
00:25:51,180 --> 00:25:49,510
no comeback there's no trade there's no

677
00:25:52,740 --> 00:25:51,190
way of tracing you know I'm not sitting

678
00:25:55,320 --> 00:25:52,750
here recommending anybody pop off a

679
00:25:57,810 --> 00:25:55,330
judge or a journalist or whoever but you

680
00:26:00,240 --> 00:25:57,820
know in terms if boy is this interesting

681
00:26:02,279 --> 00:26:00,250
to look at my god is fascinating I mean

682
00:26:04,110 --> 00:26:02,289
really and you can destroy all sorts of

683
00:26:05,850 --> 00:26:04,120
people's lives and for example it's

684
00:26:08,370 --> 00:26:05,860
supposing you know you're you thought

685
00:26:11,490 --> 00:26:08,380
your partner was cheating and you go

686
00:26:13,889 --> 00:26:11,500
contact the Russian underground and for

687
00:26:16,350 --> 00:26:13,899
a modest amount of money they will

688
00:26:18,630 --> 00:26:16,360

hoodwink your partner into accepting I

689

00:26:20,940 --> 00:26:18,640

don't know an update for the his or her

690

00:26:23,130 --> 00:26:20,950

cell phone and their get inside the

691

00:26:24,810 --> 00:26:23,140

phone and then they you can turn on the

692

00:26:26,100 --> 00:26:24,820

webcam or watch them see where they are

693

00:26:28,830 --> 00:26:26,110

up to you can follow them around

694

00:26:30,750 --> 00:26:28,840

wherever they go using the GPS facility

695

00:26:33,090 --> 00:26:30,760

on the phone and they do it on the cheap

696

00:26:35,039 --> 00:26:33,100

because they also want access to you

697

00:26:36,750 --> 00:26:35,049

know that person's bank account details

698

00:26:39,990 --> 00:26:36,760

and no doubt will go in and suck all the

699

00:26:41,549 --> 00:26:40,000

information up themselves to okay if you

700

00:26:42,930 --> 00:26:41,559

want to bring down a website let's say

701
00:26:45,750 --> 00:26:42,940
you have a beef against a particular

702
00:26:48,779 --> 00:26:45,760
company for example you can pay for a

703
00:26:50,820 --> 00:26:48,789
dedicated denial of services tank using

704
00:26:54,000 --> 00:26:50,830
the Russian underground and it's only a

705
00:26:59,909 --> 00:26:54,010
hundred dollars a day which I'm losing

706
00:27:01,529 --> 00:26:59,919
value yeah man that is value so like

707
00:27:03,720 --> 00:27:01,539
what if the president were to flip this

708
00:27:05,279 --> 00:27:03,730
almighty Internet kill switch we hear

709
00:27:06,659 --> 00:27:05,289
about would that affect the deep web too

710
00:27:09,389 --> 00:27:06,669
I mean you have to have an Internet

711
00:27:11,730 --> 00:27:09,399
service provider right you you need some

712
00:27:13,680 --> 00:27:11,740
means of accessing the Internet but you

713
00:27:15,990 --> 00:27:13,690

know I recommend people who are you know

714

00:27:18,630 --> 00:27:16,000

journalists and and and and and you know

715

00:27:21,149 --> 00:27:18,640

secret bloggers and people like this who

716

00:27:24,090 --> 00:27:21,159

needs real anonymity to keep themselves

717

00:27:27,450 --> 00:27:24,100

safe I recommend you get a USB thumb

718

00:27:29,399 --> 00:27:27,460

drive and you install the Tor Firefox

719

00:27:31,769 --> 00:27:29,409

browser on that and a few other simple

720

00:27:34,080 --> 00:27:31,779

programs all free and that you can just

721

00:27:36,810 --> 00:27:34,090

go anywhere slot that into any machine

722

00:27:38,490 --> 00:27:36,820

PC or Mac and you're going to leave no

723

00:27:40,710 --> 00:27:38,500

trace at all you don't even need your

724

00:27:42,990 --> 00:27:40,720

own internet service provider you can go

725

00:27:44,490 --> 00:27:43,000

to a cyber cafe or a public library or

726

00:27:45,960 --> 00:27:44,500

you're going to slip into someone's

727

00:27:48,419 --> 00:27:45,970

someone's computer when they're not even

728

00:27:49,919 --> 00:27:48,429

looking if you were that devious and you

729

00:27:51,779 --> 00:27:49,929

can do anything like and there's no

730

00:27:54,419 --> 00:27:51,789

comeback this virtually nowhere they can

731

00:27:55,649 --> 00:27:54,429

find you right I mean that was kind of

732

00:27:58,019 --> 00:27:55,659

one of my questions like for somebody

733

00:27:59,220 --> 00:27:58,029

who just was curious and wanted to

734

00:28:01,200 --> 00:27:59,230

download tor

735

00:28:04,289 --> 00:28:01,210

hop on there maybe they adjust the

736

00:28:07,020 --> 00:28:04,299

settings to your suggested preferences

737

00:28:09,030 --> 00:28:07,030

are they automatically safe I mean are

738

00:28:10,530 --> 00:28:09,040

they still kind of in danger like could

739

00:28:13,049 --> 00:28:10,540

they get in trouble just for accessing

740

00:28:14,789 --> 00:28:13,059

the Deep Web yeah in the in the states I

741

00:28:17,549 --> 00:28:14,799

think they keep an eye out for people

742

00:28:19,980 --> 00:28:17,559

who are accessing tool okay I assume

743

00:28:22,230 --> 00:28:19,990

they're up to no good there's a very

744

00:28:24,780 --> 00:28:22,240

simple way around that you can use a

745

00:28:27,330 --> 00:28:24,790

virtual private network some are free

746

00:28:28,289 --> 00:28:27,340

some you might want to pay for and as

747

00:28:31,169 --> 00:28:28,299

soon as you connect to the internet

748

00:28:33,539 --> 00:28:31,179

you're using their service now your

749

00:28:35,940 --> 00:28:33,549

internet service provider can tell that

750

00:28:38,190 --> 00:28:35,950

you're using this service but once

751

00:28:39,840 --> 00:28:38,200

you're inside their service they can't

752

00:28:42,030 --> 00:28:39,850

see what you're doing so from that point

753

00:28:44,250 --> 00:28:42,040

onwards then you access the Tor network

754

00:28:46,530 --> 00:28:44,260

and they haven't got a clue that you're

755

00:28:49,320 --> 00:28:46,540

on tour Never Say Never I wouldn't say

756

00:28:52,770 --> 00:28:49,330

anything is 100% secure or safe and

757

00:28:54,510 --> 00:28:52,780

never trust any one thing 100% I always

758

00:28:56,220 --> 00:28:54,520

recommend people use two or three

759

00:28:57,900 --> 00:28:56,230

different things at the time mix and

760

00:29:00,810 --> 00:28:57,910

match different tools and techniques and

761

00:29:03,180 --> 00:29:00,820

technologies by doing that you are

762

00:29:04,890 --> 00:29:03,190

making it exceptionally difficult for

763

00:29:05,370 --> 00:29:04,900

anyone who's interested in knowing what

764

00:29:07,230 --> 00:29:05,380

you're doing

765

00:29:09,659 --> 00:29:07,240

making exceptionally difficult for them

766

00:29:13,110 --> 00:29:09,669

to find out mm-hmm yeah I mean I've

767

00:29:15,090 --> 00:29:13,120

heard of VPN that works for people who

768

00:29:17,039 --> 00:29:15,100

use like BitTorrent or The Pirate Bay to

769

00:29:18,810 --> 00:29:17,049

download music and movies which you know

770

00:29:20,640 --> 00:29:18,820

I have no problem with my show is free

771

00:29:22,770 --> 00:29:20,650

why shouldn't every show be free foot I

772

00:29:24,299 --> 00:29:22,780

mean it is fairly risky people worry

773

00:29:26,549 --> 00:29:24,309

about getting a letter from their

774

00:29:28,590 --> 00:29:26,559

internet service provider or the Motion

775

00:29:30,960 --> 00:29:28,600

Picture Association of America I mean

776

00:29:33,720 --> 00:29:30,970

are there safer ways of pirating on the

777

00:29:35,520 --> 00:29:33,730

Deep Web oh yeah for sure I mean yeah

778

00:29:37,200 --> 00:29:35,530

again come back to the questions what is

779

00:29:38,760 --> 00:29:37,210

the deal where these basically and

780

00:29:42,020 --> 00:29:38,770

things that are not being indexed by

781

00:29:45,240 --> 00:29:42,030

Google let's say well there's the Usenet

782

00:29:48,570 --> 00:29:45,250

newsgroups I said okay Usenet newsgroups

783

00:29:53,340 --> 00:29:48,580

now this predates the worldwide web by

784

00:29:55,650 --> 00:29:53,350

about 10 years and if you imagine

785

00:29:58,320 --> 00:29:55,660

ginormous bulletin board on every

786

00:30:01,380 --> 00:29:58,330

conceivable subject if you want to have

787

00:30:03,510 --> 00:30:01,390

porcupines as pets or you're looking for

788

00:30:06,780 --> 00:30:03,520

jobs in aviation or you're a fan of

789

00:30:08,820 --> 00:30:06,790

Jackie Chan or any damn thing there is a

790

00:30:11,220 --> 00:30:08,830

posting there's a board down there

791

00:30:12,440 --> 00:30:11,230

devoted to that one subject now if you

792

00:30:14,450 --> 00:30:12,450

wanted to down

793

00:30:17,360 --> 00:30:14,460

the latest blockbuster movies in blu-ray

794

00:30:19,400 --> 00:30:17,370

and not being monitored have no one know

795

00:30:21,590 --> 00:30:19,410

you're doing it you just go to the

796

00:30:23,510 --> 00:30:21,600

relevant the relevant bulletin board

797

00:30:26,990 --> 00:30:23,520

down there and people are uploading

798

00:30:29,030 --> 00:30:27,000

films and you can just download them and

799

00:30:32,210 --> 00:30:29,040

it goes to everything books music world

800

00:30:34,900 --> 00:30:32,220

music anything you can think of someone

801
00:30:38,390 --> 00:30:34,910
who's kindly uploaded there to share I

802
00:30:39,800 --> 00:30:38,400
mean that's pretty awesome it's and you

803
00:30:41,390 --> 00:30:39,810
know for people who might not have seen

804
00:30:42,860 --> 00:30:41,400
it I mean they're they're not big on

805
00:30:46,220 --> 00:30:42,870
aesthetics down there it's not very

806
00:30:49,220 --> 00:30:46,230
graphics heavy is it no it's not at all

807
00:30:51,080 --> 00:30:49,230
it's very sort of you know primitive as

808
00:30:54,080 --> 00:30:51,090
it were but there's some wonderful you

809
00:30:56,360 --> 00:30:54,090
know a newsgroup readers now so you put

810
00:30:58,670 --> 00:30:56,370
your cursor over I don't know let's say

811
00:31:00,740 --> 00:30:58,680
you're interested in particular types of

812
00:31:02,630 --> 00:31:00,750
dogs or something you put your cursor

813
00:31:04,580 --> 00:31:02,640

over a posting a particular type of dog

814

00:31:06,860 --> 00:31:04,590

you don't know what it is a little

815

00:31:08,480 --> 00:31:06,870

thumbnail image of that dog will come up

816

00:31:10,010 --> 00:31:08,490

so you know it's there you can see

817

00:31:12,140 --> 00:31:10,020

things you just learn to operate

818

00:31:13,160 --> 00:31:12,150

slightly differently and also to you

819

00:31:14,270 --> 00:31:13,170

know if you think you're not gonna be

820

00:31:16,640 --> 00:31:14,280

interested in something you just

821

00:31:19,070 --> 00:31:16,650

download the first part of it what's the

822

00:31:21,230 --> 00:31:19,080

first ten minutes see that it's fine and

823

00:31:22,700 --> 00:31:21,240

then download the rest of it and you

824

00:31:24,470 --> 00:31:22,710

join them all together with a particular

825

00:31:27,350 --> 00:31:24,480

program that game I listed in the book

826

00:31:28,640 --> 00:31:27,360

and easy to find out anyone who looks

827

00:31:31,820 --> 00:31:28,650

into this will learn this stuff within

828

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

10-15 minutes it is really really basic

829

00:31:37,190 --> 00:31:34,020

but also it doesn't slow things down

830

00:31:38,840 --> 00:31:37,200

yeah and you can download a movie in

831

00:31:40,940 --> 00:31:38,850

like 10 minutes or something you've got

832

00:31:42,320 --> 00:31:40,950

a reasonable connection why don't you

833

00:31:45,710 --> 00:31:42,330

take you two hours to watch it you

834

00:31:47,420 --> 00:31:45,720

download it in 10 minutes and you know

835

00:31:49,400 --> 00:31:47,430

in just discovering things you know I

836

00:31:51,770 --> 00:31:49,410

have an interest in world music you know

837

00:31:53,720 --> 00:31:51,780

music for Mali or where where have you

838

00:31:55,460 --> 00:31:53,730

either and just generally I don't find

839

00:31:59,480 --> 00:31:55,470

this stuff you know just on the regular

840

00:32:02,120 --> 00:31:59,490

internet but I can visit the world world

841

00:32:04,460 --> 00:32:02,130

music in an element of the news groups

842

00:32:06,860 --> 00:32:04,470

and those people who say oh like you're

843

00:32:08,300 --> 00:32:06,870

interested in this I recommend that and

844

00:32:09,830 --> 00:32:08,310

before you know it you've made lots of

845

00:32:11,360 --> 00:32:09,840

friends that you introduced they've

846

00:32:13,730 --> 00:32:11,370

introduced you to music you're

847

00:32:15,020 --> 00:32:13,740

introducing them to music very much like

848

00:32:16,730 --> 00:32:15,030

the regular internet it just works

849

00:32:19,760 --> 00:32:16,740

slightly differently and it's just a

850

00:32:21,440 --> 00:32:19,770

marvelous way of sharing files nice yeah

851
00:32:23,960 --> 00:32:21,450
I mean it sounds great of course there

852
00:32:26,000 --> 00:32:23,970
are a lot of really dark and evil things

853
00:32:28,130 --> 00:32:26,010
down there but

854
00:32:30,830 --> 00:32:28,140
what do you what do you think if someone

855
00:32:32,150 --> 00:32:30,840
needed if someone needed an organ but

856
00:32:33,680 --> 00:32:32,160
was having a hard time getting on a

857
00:32:36,770 --> 00:32:33,690
donors list you think they could find

858
00:32:40,640 --> 00:32:36,780
help on the Deep Web yeah sure they

859
00:32:42,470 --> 00:32:40,650
could on tool oh my and then I hate to

860
00:32:46,940 --> 00:32:42,480
even guess at this but they probably get

861
00:32:49,460 --> 00:32:46,950
one to order oh man I mean that actually

862
00:32:52,550 --> 00:32:49,470
brings up another interesting dark

863
00:32:55,220 --> 00:32:52,560

corner of the Deep Web that was on one

864

00:32:56,990 --> 00:32:55,230

of these walkthrough videos I saw other

865

00:32:59,360 --> 00:32:57,000

than the various forums where people are

866

00:33:01,070 --> 00:32:59,370

asking scary things like how to make

867

00:33:03,140 --> 00:33:01,080

chloroform and looking for kidnapping

868

00:33:05,270 --> 00:33:03,150

techniques which is a little uncouth

869

00:33:08,420 --> 00:33:05,280

they also pulled up a site for an

870

00:33:10,700 --> 00:33:08,430

organization that has four warehouses at

871

00:33:13,880 --> 00:33:10,710

an undisclosed location available for

872

00:33:16,010 --> 00:33:13,890

unregulated human study you can hate you

873

00:33:17,570 --> 00:33:16,020

can pay to have like dark experiments

874

00:33:18,800 --> 00:33:17,580

done on real people which you don't know

875

00:33:21,340 --> 00:33:18,810

where they get them but they'll run

876

00:33:25,640 --> 00:33:21,350

tests and publicly post the lab results

877

00:33:27,410 --> 00:33:25,650

yeah honey do be suspicious in nature so

878

00:33:29,060 --> 00:33:27,420

I wonder if sometimes people are having

879

00:33:30,800 --> 00:33:29,070

you know putting my leg or having a bit

880

00:33:33,380 --> 00:33:30,810

of a joke there I'm not entirely sure

881

00:33:35,450 --> 00:33:33,390

that these things happen but I guess if

882

00:33:36,980 --> 00:33:35,460

you can think of it someone someone is

883

00:33:39,500 --> 00:33:36,990

doing it and if there's money to be made

884

00:33:42,590 --> 00:33:39,510

they're certainly doing it yeah I mean

885

00:33:44,930 --> 00:33:42,600

it's wild but obviously Pandora's box is

886

00:33:48,110 --> 00:33:44,940

open to any extreme I guess to get into

887

00:33:49,820 --> 00:33:48,120

some of the more positives like I try to

888

00:33:51,530 --> 00:33:49,830

find ways for the little guy to get

889

00:33:53,840 --> 00:33:51,540

ahead in this backwards world and of

890

00:33:55,040 --> 00:33:53,850

course everyone knows now that people

891

00:33:56,930 --> 00:33:55,050

who were early adopters and

892

00:33:58,550 --> 00:33:56,940

entrepreneurs on the surface web were

893

00:34:00,230 --> 00:33:58,560

able to make millions and billions of

894

00:34:02,840 --> 00:34:00,240

dollars by getting there first but is

895

00:34:04,520 --> 00:34:02,850

there any opportunity in that same sense

896

00:34:06,670 --> 00:34:04,530

with getting into the Deep Web or is it

897

00:34:09,350 --> 00:34:06,680

just like a different kind of animal I

898

00:34:11,180 --> 00:34:09,360

don't know I mean this again we're down

899

00:34:13,310 --> 00:34:11,190

to human nature here you know someone

900

00:34:16,070 --> 00:34:13,320

will always find a way and a means of

901
00:34:18,290 --> 00:34:16,080
making money out of the stranger than

902
00:34:20,960 --> 00:34:18,300
the unusual and for sure there are you

903
00:34:23,240 --> 00:34:20,970
know the blatantly obvious ones are the

904
00:34:25,100 --> 00:34:23,250
illegal ones you know but there must be

905
00:34:27,260 --> 00:34:25,110
all manner of services that people can

906
00:34:30,320 --> 00:34:27,270
provide you know slightly gray areas or

907
00:34:31,909 --> 00:34:30,330
what have you and was Bitcoin I mean who

908
00:34:33,590 --> 00:34:31,919
knows how valuable it will become but

909
00:34:35,750 --> 00:34:33,600
that was a golden ticket for a lot of

910
00:34:37,639 --> 00:34:35,760
people who were using it two years ago

911
00:34:39,310 --> 00:34:37,649
oh it's do this I mean when it first

912
00:34:42,880 --> 00:34:39,320
came out a few years back

913
00:34:45,520 --> 00:34:42,890

a Bitcoin was you know it cost you 20

914

00:34:47,110 --> 00:34:45,530

cents I think you look more recently

915

00:34:49,390 --> 00:34:47,120

than me how much is it now enough for

916

00:34:53,110 --> 00:34:49,400

one from Bitcoin right now it's hovering

917

00:34:55,990 --> 00:34:53,120

around \$600 usually they're shocking if

918

00:34:58,630 --> 00:34:56,000

you had just bought \$100 back then you

919

00:35:00,190 --> 00:34:58,640

would be so wealthy now yeah you know

920

00:35:01,840 --> 00:35:00,200

and you know who knows where bitcoins

921

00:35:04,180 --> 00:35:01,850

gonna go I think there's an enormous

922

00:35:05,950 --> 00:35:04,190

future you shouldn't just be seen as any

923

00:35:07,450 --> 00:35:05,960

some kind of investment you know I

924

00:35:09,280 --> 00:35:07,460

didn't get in on the ground floor I

925

00:35:11,980 --> 00:35:09,290

maybe got in on the mezzanine as it were

926
00:35:13,630 --> 00:35:11,990
and what my my minor investment is now

927
00:35:16,180 --> 00:35:13,640
worth quite a bit but I'm not seeing it

928
00:35:18,940 --> 00:35:16,190
in terms of as a financial investment

929
00:35:20,230 --> 00:35:18,950
I'm looking at ways in thinking of ways

930
00:35:23,710 --> 00:35:20,240
that's going to be used in the future

931
00:35:26,500 --> 00:35:23,720
you know we all get bombarded with junk

932
00:35:29,980 --> 00:35:26,510
email for example now someone's coming

933
00:35:32,920 --> 00:35:29,990
up with a notion whereby to receive you

934
00:35:36,370 --> 00:35:32,930
know to somebody sends me an email right

935
00:35:38,950 --> 00:35:36,380
they have to pay me a microscopic a

936
00:35:41,260 --> 00:35:38,960
portion of a Bitcoin bitcoins are

937
00:35:43,570 --> 00:35:41,270
infinitely divisible which means you

938
00:35:47,560 --> 00:35:43,580

know can have zero point zero zero zero

939

00:35:49,450 --> 00:35:47,570

zero zero zero 1 of a Bitcoin now it's

940

00:35:50,650 --> 00:35:49,460

kind of cost nobody yeah anyone who

941

00:35:53,050 --> 00:35:50,660

wants to send me an email it's got a

942

00:35:55,240 --> 00:35:53,060

custom nothing however if you're sending

943

00:35:57,760 --> 00:35:55,250

out a million spam emails a day it's

944

00:36:00,430 --> 00:35:57,770

gonna add up so you could in theory in

945

00:36:04,570 --> 00:36:00,440

tiny defeat spam email by using the

946

00:36:07,390 --> 00:36:04,580

Bitcoin right yeah it it's it's very

947

00:36:09,460 --> 00:36:07,400

versatile and it's it's so efficient I

948

00:36:11,620 --> 00:36:09,470

mean but people should realize and we

949

00:36:13,390 --> 00:36:11,630

know that central banking and control

950

00:36:15,070 --> 00:36:13,400

over a people's currency is really the

951
00:36:16,900 --> 00:36:15,080
trump card of the elite you know that's

952
00:36:18,910 --> 00:36:16,910
the that's how they keep us under their

953
00:36:21,130 --> 00:36:18,920
thumb they control the mechanism in

954
00:36:23,260 --> 00:36:21,140
which we do all business but Bitcoin

955
00:36:26,320 --> 00:36:23,270
operates outside of that and that alone

956
00:36:27,820 --> 00:36:26,330
is tremendous value what it isn't it

957
00:36:30,070 --> 00:36:27,830
doesn't cause us anything you know if

958
00:36:31,420 --> 00:36:30,080
you use your Visa card or PayPal or

959
00:36:34,000 --> 00:36:31,430
whatever it's going to constitute to do

960
00:36:37,750 --> 00:36:34,010
that using a Bitcoin won't cost you a

961
00:36:39,730 --> 00:36:37,760
single cent and also it's immediate you

962
00:36:42,070 --> 00:36:39,740
know as fast as an email can be sent and

963
00:36:43,570 --> 00:36:42,080

received it's that fast it's an

964

00:36:44,920 --> 00:36:43,580

excellent way of paying for things and

965

00:36:47,140 --> 00:36:44,930

sooner or later people haven't come up

966

00:36:49,720 --> 00:36:47,150

with the right apps to use in your smart

967

00:36:51,670 --> 00:36:49,730

cellphone that will allow you to you

968

00:36:52,370 --> 00:36:51,680

know make immediate purchases you'll be

969

00:36:53,930 --> 00:36:52,380

walking pile

970

00:36:55,880 --> 00:36:53,940

the billboard for something you like the

971

00:36:57,230 --> 00:36:55,890

look of this concert coming up you point

972

00:36:59,240 --> 00:36:57,240

you can you point your phone at it

973

00:37:01,819 --> 00:36:59,250

you've made your payment with bitcoins

974

00:37:04,970 --> 00:37:01,829

Bank hey presto numbers that to you know

975

00:37:06,740 --> 00:37:04,980

take a percentage off for you if you're

976

00:37:08,420 --> 00:37:06,750

trying to buy things online how many

977

00:37:11,059 --> 00:37:08,430

times does it go wrong it goes wrong a

978

00:37:13,249 --> 00:37:11,069

lot if we were using Bitcoin and people

979

00:37:16,249 --> 00:37:13,259

devise and they will do defines good

980

00:37:19,069 --> 00:37:16,259

payment systems I just see it's a

981

00:37:22,309 --> 00:37:19,079

marvelous way ahead instantaneous no

982

00:37:24,740 --> 00:37:22,319

middleman and also and you know there's

983

00:37:27,980 --> 00:37:24,750

an awful lot of people for example you

984

00:37:30,769 --> 00:37:27,990

know government agencies monitor all

985

00:37:32,480 --> 00:37:30,779

financial transactions you know maybe

986

00:37:34,039 --> 00:37:32,490

you just don't want them to know what

987

00:37:35,569 --> 00:37:34,049

you're spending your money on you know

988

00:37:37,849 --> 00:37:35,579

you doesn't have to be something dodgy

989

00:37:41,599 --> 00:37:37,859

something illegal you just want to keep

990

00:37:43,339 --> 00:37:41,609

the things to yourself all right yeah

991

00:37:44,809 --> 00:37:43,349

man it's it's interesting stuff of

992

00:37:46,789 --> 00:37:44,819

course a lot of people have fears

993

00:37:48,529 --> 00:37:46,799

because when you do keep that power

994

00:37:50,720 --> 00:37:48,539

yourself you do have a lot of

995

00:37:52,700 --> 00:37:50,730

responsibility not to lose it we

996

00:37:53,990 --> 00:37:52,710

consider banks to be generally secure

997

00:37:55,339 --> 00:37:54,000

because they'll hold our funds and we

998

00:37:58,549 --> 00:37:55,349

don't have to really do much about it

999

00:38:01,700 --> 00:37:58,559

but you know we've all seen runs on the

1000

00:38:04,670 --> 00:38:01,710

bank and times when they think they just

1001
00:38:06,769 --> 00:38:04,680
don't have the money so it's good 99% of

1002
00:38:08,900 --> 00:38:06,779
the time but you know for my money I'd

1003
00:38:10,910 --> 00:38:08,910
rather just control control it myself

1004
00:38:14,059 --> 00:38:10,920
you know I trust myself more than n

1005
00:38:16,539 --> 00:38:14,069
trust anyone else no I don't trust

1006
00:38:19,039 --> 00:38:16,549
anyone least of all these double bankers

1007
00:38:20,509 --> 00:38:19,049
no I think it's a great great way of

1008
00:38:22,609 --> 00:38:20,519
doing that you know and you have a

1009
00:38:25,309 --> 00:38:22,619
secure wallet online but you you will

1010
00:38:27,499 --> 00:38:25,319
print out your your code your unique you

1011
00:38:29,779 --> 00:38:27,509
know identifier for the amount of

1012
00:38:31,400 --> 00:38:29,789
bitcoins you've got your bit wallet you

1013
00:38:33,710 --> 00:38:31,410

can store that in a physical safe

1014

00:38:35,690 --> 00:38:33,720

somewhere so if your computer went down

1015

00:38:37,759 --> 00:38:35,700

or anything like that you know you've

1016

00:38:38,839 --> 00:38:37,769

always got access to it and if you're

1017

00:38:40,880 --> 00:38:38,849

going to put these things on your

1018

00:38:45,049 --> 00:38:40,890

computer don't put it in a folder called

1019

00:38:47,599 --> 00:38:45,059

Bitcoin give it a really fundamental

1020

00:38:49,279 --> 00:38:47,609

boring name that no one's ever going to

1021

00:38:51,890 --> 00:38:49,289

look at you know give it the name of an

1022

00:38:52,970 --> 00:38:51,900

appalling sounding recipe anything and

1023

00:38:54,890 --> 00:38:52,980

people weren't necessarily looking

1024

00:38:56,809 --> 00:38:54,900

inside that and then you can encrypt

1025

00:38:59,059 --> 00:38:56,819

anything anyway within your computer

1026

00:39:01,970 --> 00:38:59,069

very very simple it's lots of free

1027

00:39:03,410 --> 00:39:01,980

programs the simple encryption so you

1028

00:39:05,750 --> 00:39:03,420

can keep these things very very safe

1029

00:39:08,570 --> 00:39:05,760

yeah definitely better

1030

00:39:12,260 --> 00:39:08,580

I'm sorry so in terms of the deep web

1031

00:39:14,990 --> 00:39:12,270

and the access to it is tore like the

1032

00:39:18,500 --> 00:39:15,000

main thing are there other equivalents

1033

00:39:20,780 --> 00:39:18,510

to tour the this things this free net

1034

00:39:22,370 --> 00:39:20,790

for example I haven't spent a lot of

1035

00:39:25,670 --> 00:39:22,380

time exploring that but it works in a

1036

00:39:27,830 --> 00:39:25,680

very similar principle there's something

1037

00:39:29,420 --> 00:39:27,840

just basic person-to-person in a file

1038

00:39:33,080 --> 00:39:29,430

sharing facilities I mean that

1039

00:39:35,300 --> 00:39:33,090

technically is deep web the whole nature

1040

00:39:38,330 --> 00:39:35,310

I guess of hidden networks is that they

1041

00:39:41,300 --> 00:39:38,340

are hidden and you know maybe you need

1042

00:39:44,000 --> 00:39:41,310

an invitation to use them certainly in

1043

00:39:46,340 --> 00:39:44,010

countries like Digital secret societies

1044

00:39:47,780 --> 00:39:46,350

well yeah or you know you're an activist

1045

00:39:49,430 --> 00:39:47,790

in Iran and you just don't want the

1046

00:39:52,010 --> 00:39:49,440

state to know what you're up to you know

1047

00:39:53,680 --> 00:39:52,020

people are using hidden networks purely

1048

00:39:56,660 --> 00:39:53,690

for the input in the Persian language

1049

00:39:58,340 --> 00:39:56,670

mm-hmm and Arthur I've heard that it's

1050

00:40:00,470 --> 00:39:58,350

like social networks too that are like

1051
00:40:02,390 --> 00:40:00,480
clones of typical websites like an

1052
00:40:05,810 --> 00:40:02,400
anonymous version of Facebook things

1053
00:40:08,840 --> 00:40:05,820
like that oh absolutely yeah there's

1054
00:40:10,880 --> 00:40:08,850
complete Twitter clones this Facebook

1055
00:40:12,800 --> 00:40:10,890
clones and the same reason the same way

1056
00:40:15,710 --> 00:40:12,810
that you might use Facebook to I don't

1057
00:40:17,450 --> 00:40:15,720
share files with people share images you

1058
00:40:19,880 --> 00:40:17,460
know you it doesn't always have to

1059
00:40:21,530 --> 00:40:19,890
explain who you are and I think many

1060
00:40:23,360 --> 00:40:21,540
people have finished they could put far

1061
00:40:25,970 --> 00:40:23,370
too much information up on Facebook or

1062
00:40:28,040 --> 00:40:25,980
what-have-you but you can use the

1063
00:40:30,310 --> 00:40:28,050

facilities for sharing the group

1064

00:40:33,020 --> 00:40:30,320

chatting for doing all sorts of things

1065

00:40:34,880 --> 00:40:33,030

and and you know this is where the Deep

1066

00:40:37,040 --> 00:40:34,890

Web comes into a zone and then the Tor

1067

00:40:39,710 --> 00:40:37,050

network particularly you know we can

1068

00:40:41,930 --> 00:40:39,720

have totally secure chats using just you

1069

00:40:43,310 --> 00:40:41,940

know just the basic chat programs that

1070

00:40:46,370 --> 00:40:43,320

you would use ordinarily on your regular

1071

00:40:48,440 --> 00:40:46,380

internet there's the web versions you

1072

00:40:50,690 --> 00:40:48,450

know you can send SMS text messages that

1073

00:40:53,420 --> 00:40:50,700

simply cannot be intercepted or read

1074

00:40:54,950 --> 00:40:53,430

unless email systems down there that you

1075

00:40:57,740 --> 00:40:54,960

can use that connect with a regular

1076

00:41:00,080 --> 00:40:57,750

Internet and they just can't intercept

1077

00:41:01,640 --> 00:41:00,090

them you know say you're using Gmail and

1078

00:41:03,860 --> 00:41:01,650

the government is interested well how

1079

00:41:06,260 --> 00:41:03,870

many times did you do Google get asked

1080

00:41:09,460 --> 00:41:06,270

by the various government departments to

1081

00:41:11,780 --> 00:41:09,470

hand over information you can use

1082

00:41:13,880 --> 00:41:11,790

companies that are based in Switzerland

1083

00:41:16,340 --> 00:41:13,890

and Iceland but they're operating down

1084

00:41:18,260 --> 00:41:16,350

on the Tor network you know they're not

1085

00:41:19,460 --> 00:41:18,270

going to take into consideration you

1086

00:41:22,089 --> 00:41:19,470

know court orders for

1087

00:41:24,890 --> 00:41:22,099

the United States or Canada or Britain

1088

00:41:27,410 --> 00:41:24,900

so that gives you particularly safe and

1089

00:41:29,359 --> 00:41:27,420

also if you're if this in employing the

1090

00:41:31,220 --> 00:41:29,369

form of encryption end-to-end encryption

1091

00:41:33,430 --> 00:41:31,230

they're not being intercepted in in

1092

00:41:36,050 --> 00:41:33,440

cyberspace because you know got

1093

00:41:37,820 --> 00:41:36,060

organizations like the NSA for example

1094

00:41:40,880 --> 00:41:37,830

that they're scouring the internet

1095

00:41:42,410 --> 00:41:40,890

looking for keywords right and these

1096

00:41:44,720 --> 00:41:42,420

keywords will not come up because

1097

00:41:46,130 --> 00:41:44,730

they're scrambled yeah I mean that's

1098

00:41:47,390 --> 00:41:46,140

kind of what I was thinking about like

1099

00:41:49,430 --> 00:41:47,400

that's what really interests me the most

1100

00:41:51,500 --> 00:41:49,440

is the idea of combing through leaked

1101
00:41:53,180 --> 00:41:51,510
documents and sensitive material that

1102
00:41:55,099 --> 00:41:53,190
the government probably has web bot

1103
00:41:57,200 --> 00:41:55,109
searching for and taking down anytime

1104
00:41:59,330 --> 00:41:57,210
they appear on the surface web but they

1105
00:42:01,790 --> 00:41:59,340
might just be laying down there waiting

1106
00:42:04,160 --> 00:42:01,800
to be exposed yeah and if you wanted to

1107
00:42:07,190 --> 00:42:04,170
actually put up at your own website that

1108
00:42:09,440 --> 00:42:07,200
can't be taken down there's no better

1109
00:42:11,420 --> 00:42:09,450
place to do it than at all and there's

1110
00:42:13,400 --> 00:42:11,430
very very simple ways of doing it so you

1111
00:42:15,650 --> 00:42:13,410
know this file stores down there so you

1112
00:42:17,300 --> 00:42:15,660
can store any amount of data you know

1113
00:42:18,770 --> 00:42:17,310

anything you want you can store down

1114

00:42:20,240 --> 00:42:18,780

there you've gotta lock it in a box you

1115

00:42:22,010 --> 00:42:20,250

can have it that anybody can read it

1116

00:42:24,230 --> 00:42:22,020

well if you can use something like

1117

00:42:28,820 --> 00:42:24,240

Photoshop you can actually design a page

1118

00:42:30,560 --> 00:42:28,830

and load it up there as a as a as a JPEG

1119

00:42:32,720 --> 00:42:30,570

image and there's your website thing

1120

00:42:34,130 --> 00:42:32,730

you've done there in ten minutes you

1121

00:42:35,900 --> 00:42:34,140

know it's not interactive but you maybe

1122

00:42:37,970 --> 00:42:35,910

don't need it to be if you want that

1123

00:42:40,730 --> 00:42:37,980

this file hosting service is down there

1124

00:42:42,859 --> 00:42:40,740

too yeah and a lot of people are talking

1125

00:42:44,510 --> 00:42:42,869

now in terms of the surface web but

1126
00:42:47,270 --> 00:42:44,520
they're really concerned about is this

1127
00:42:48,970 --> 00:42:47,280
net neutrality stuff and I assume that

1128
00:42:50,990 --> 00:42:48,980
would have no effect on the Deep Web

1129
00:42:52,099 --> 00:42:51,000
absolutely in those at all you know

1130
00:42:55,130 --> 00:42:52,109
here's the thing

1131
00:42:57,230 --> 00:42:55,140
you know that you know with net

1132
00:42:59,420 --> 00:42:57,240
neutrality what we're going to be seeing

1133
00:43:01,089 --> 00:42:59,430
is you know people that Internet service

1134
00:43:03,920 --> 00:43:01,099
providers are going to be giving you

1135
00:43:05,870 --> 00:43:03,930
immediate access to services that they

1136
00:43:06,950 --> 00:43:05,880
have a financial interest in and that is

1137
00:43:08,839 --> 00:43:06,960
that they don't have a financial

1138
00:43:10,579 --> 00:43:08,849

interest in they're gonna throttle back

1139

00:43:12,740 --> 00:43:10,589

or actually block totally themselves

1140

00:43:14,750 --> 00:43:12,750

right now which means we're going to be

1141

00:43:17,720 --> 00:43:14,760

looking at a kind of corralled Internet

1142

00:43:19,700 --> 00:43:17,730

you know a very limited internet but by

1143

00:43:22,460 --> 00:43:19,710

using just using a virtual private

1144

00:43:24,320 --> 00:43:22,470

network you're bypassing automatically

1145

00:43:27,109 --> 00:43:24,330

using somebody else's servers in another

1146

00:43:29,089 --> 00:43:27,119

country so that stuff does not get

1147

00:43:32,750 --> 00:43:29,099

blocked does not get bottles back and

1148

00:43:33,170 --> 00:43:32,760

the same we're using for you cannot

1149

00:43:34,670 --> 00:43:33,180

limit

1150

00:43:36,950 --> 00:43:34,680

says and I think more and more people

1151
00:43:38,630 --> 00:43:36,960
are waking up to this you know and more

1152
00:43:40,880 --> 00:43:38,640
more often than not commercial

1153
00:43:43,309 --> 00:43:40,890
organizations are looking to make us to

1154
00:43:45,829 --> 00:43:43,319
pay for services until now who have been

1155
00:43:48,140 --> 00:43:45,839
free and I think this is the joy of the

1156
00:43:49,970 --> 00:43:48,150
Internet the ability to share things and

1157
00:43:51,589 --> 00:43:49,980
all the rest of it and if those things

1158
00:43:53,120 --> 00:43:51,599
are being closed off you're gonna be

1159
00:43:54,920 --> 00:43:53,130
forcing people underground you're going

1160
00:43:56,839 --> 00:43:54,930
to make people use tor and virtual

1161
00:43:58,280 --> 00:43:56,849
private networks and in the end P we're

1162
00:44:01,069 --> 00:43:58,290
going to find it's much better for them

1163
00:44:03,200 --> 00:44:01,079

yeah I mean I find it fascinating I mean

1164

00:44:04,700 --> 00:44:03,210

even just it doesn't take that much to

1165

00:44:06,410 --> 00:44:04,710

learn about it I mean I thought it was

1166

00:44:08,510 --> 00:44:06,420

kind of a daunting task just like I

1167

00:44:10,700 --> 00:44:08,520

thought Bitcoin was a daunting task to

1168

00:44:13,730 --> 00:44:10,710

like two years ago and now I'm kicking

1169

00:44:15,950 --> 00:44:13,740

myself but I've already found all these

1170

00:44:17,990 --> 00:44:15,960

little cool tips and tricks and things

1171

00:44:19,490 --> 00:44:18,000

in your book I mean even with our

1172

00:44:21,319 --> 00:44:19,500

communication you've sent me a few

1173

00:44:24,410 --> 00:44:21,329

messages that have self-destructed man

1174

00:44:26,420 --> 00:44:24,420

that's cool yeah absolutely and I find

1175

00:44:27,859 --> 00:44:26,430

these things really funny and they're

1176
00:44:29,420 --> 00:44:27,869
supposing I don't know let's say you're

1177
00:44:31,280 --> 00:44:29,430
having a protest about something

1178
00:44:33,020 --> 00:44:31,290
anything could be anything maybe you

1179
00:44:34,849 --> 00:44:33,030
know someone's driving a a toll road

1180
00:44:36,290 --> 00:44:34,859
through the through your village or

1181
00:44:39,020 --> 00:44:36,300
something and every time you complain

1182
00:44:40,970 --> 00:44:39,030
you know the police or private security

1183
00:44:43,130 --> 00:44:40,980
guards are there to break up any kind of

1184
00:44:45,620 --> 00:44:43,140
protest or demonstration what you can

1185
00:44:47,839 --> 00:44:45,630
use these marvelous little tools right

1186
00:44:50,839 --> 00:44:47,849
to send information to people one of my

1187
00:44:52,819 --> 00:44:50,849
favorites is I think old spam mimic now

1188
00:44:55,640 --> 00:44:52,829

you know everyone gets all this junk

1189

00:44:57,980 --> 00:44:55,650

email and it's all hello sir you know we

1190

00:44:59,930 --> 00:44:57,990

offer you financial incentive programs

1191

00:45:02,120 --> 00:44:59,940

you know you recommend to us and it's

1192

00:45:04,280 --> 00:45:02,130

all kind of broken rubbish English well

1193

00:45:06,079 --> 00:45:04,290

that stuff is not being picked up by the

1194

00:45:07,940 --> 00:45:06,089

NSA because it just you know it's just

1195

00:45:10,520 --> 00:45:07,950

there's so much of it well you can

1196

00:45:12,710 --> 00:45:10,530

actually compose a message that actually

1197

00:45:14,690 --> 00:45:12,720

looks like this junk email when you

1198

00:45:16,730 --> 00:45:14,700

receive this junk email you put it back

1199

00:45:19,160 --> 00:45:16,740

through a little device that online and

1200

00:45:21,140 --> 00:45:19,170

it will decode it and it would say you

1201
00:45:23,569 --> 00:45:21,150
know meet at four o'clock on the village

1202
00:45:25,549 --> 00:45:23,579
green or whatever and put to any outside

1203
00:45:27,349 --> 00:45:25,559
that it's complete junk and they won't

1204
00:45:29,450 --> 00:45:27,359
even be looking at it and you think

1205
00:45:31,099 --> 00:45:29,460
these talks are remarkable we could all

1206
00:45:33,339 --> 00:45:31,109
use these for different things I think

1207
00:45:36,079 --> 00:45:33,349
it's they're great and they're free and

1208
00:45:38,589 --> 00:45:36,089
we already know there's plenty of

1209
00:45:41,240 --> 00:45:38,599
evidence to suggest it on websites like

1210
00:45:42,890 --> 00:45:41,250
Facebook and Twitter and even reddit

1211
00:45:45,349 --> 00:45:42,900
which is considered to be fairly open

1212
00:45:47,150 --> 00:45:45,359
people are censoring posts moderators

1213
00:45:49,580 --> 00:45:47,160

are pulling content

1214

00:45:51,680 --> 00:45:49,590

you know on alcohols the subjects but

1215

00:45:53,780 --> 00:45:51,690

when people talk about fracking or GMOs

1216

00:45:56,570 --> 00:45:53,790

or just general rebellion and corruption

1217

00:45:59,570 --> 00:45:56,580

exposing a lot of those things get

1218

00:46:01,490 --> 00:45:59,580

pulled and you know it's it's going that

1219

00:46:03,980 --> 00:46:01,500

direction so the more time you spend on

1220

00:46:05,840 --> 00:46:03,990

those networks you're going to have to

1221

00:46:08,240 --> 00:46:05,850

realize that the things you see have

1222

00:46:09,380 --> 00:46:08,250

passed through the middleman and yeah I

1223

00:46:10,520 --> 00:46:09,390

want to get rid of that middleman you

1224

00:46:12,320 --> 00:46:10,530

got to do something different

1225

00:46:16,400 --> 00:46:12,330

absolutely and more and more we're gonna

1226
00:46:18,410 --> 00:46:16,410
see examples where you know these these

1227
00:46:21,200 --> 00:46:18,420
services like reddit or whatever will be

1228
00:46:22,430 --> 00:46:21,210
seen as publishers and people will be

1229
00:46:23,960 --> 00:46:22,440
able to say in the same way that a

1230
00:46:26,960 --> 00:46:23,970
newspaper publishes something that's

1231
00:46:28,610 --> 00:46:26,970
libelous that the newspaper the other

1232
00:46:30,560 --> 00:46:28,620
people that can be taken to court and

1233
00:46:32,710 --> 00:46:30,570
sued so I think people are going to use

1234
00:46:36,070 --> 00:46:32,720
that route to start blocking you know

1235
00:46:38,810 --> 00:46:36,080
debates about fracking what-have-you

1236
00:46:40,820 --> 00:46:38,820
that will happen more and more and I

1237
00:46:42,680 --> 00:46:40,830
think because of that people will bypass

1238
00:46:44,420 --> 00:46:42,690

those services and then we use bullets

1239

00:46:46,970 --> 00:46:44,430

imports down and the deep web down on

1240

00:46:49,880 --> 00:46:46,980

the Tor network when no one is doing any

1241

00:46:51,620 --> 00:46:49,890

monitoring yeah it's cool man I mean

1242

00:46:53,780 --> 00:46:51,630

being well-versed in this stuff are

1243

00:46:55,760 --> 00:46:53,790

there any tips you have for the typical

1244

00:46:57,320 --> 00:46:55,770

Internet users on the surface web or any

1245

00:46:59,480 --> 00:46:57,330

little things you'd like to see people

1246

00:47:01,880 --> 00:46:59,490

doing that would offer them potential

1247

00:47:03,770 --> 00:47:01,890

safety that we haven't mentioned well

1248

00:47:05,450 --> 00:47:03,780

yeah I mean this this there's some very

1249

00:47:08,210 --> 00:47:05,460

very basic things I mean first and

1250

00:47:10,700 --> 00:47:08,220

foremost I will change the way we browse

1251

00:47:12,920 --> 00:47:10,710

you know I would you know dump say

1252

00:47:16,040 --> 00:47:12,930

Microsoft Explorer for example you don't

1253

00:47:19,910 --> 00:47:16,050

think it's safe I would use you know the

1254

00:47:22,970 --> 00:47:19,920

the Firefox Mozilla Firefox browser it's

1255

00:47:25,040 --> 00:47:22,980

free it's great it's really fast there's

1256

00:47:27,320 --> 00:47:25,050

a whole bunch of add-ons free add-ons

1257

00:47:28,790 --> 00:47:27,330

that boost your security so when you

1258

00:47:30,830 --> 00:47:28,800

visit a site that's trying to plant a

1259

00:47:32,930 --> 00:47:30,840

cookie in you in your computer it will

1260

00:47:34,550 --> 00:47:32,940

tell you if someone's got a bead on you

1261

00:47:36,620 --> 00:47:34,560

trying to follow you around it will tell

1262

00:47:39,410 --> 00:47:36,630

you if you're visiting a web site that's

1263

00:47:43,040 --> 00:47:39,420

perhaps got malicious content it will

1264

00:47:45,320 --> 00:47:43,050

warn you before you get there so for

1265

00:47:47,390 --> 00:47:45,330

starters I would use Mozilla Firefox in

1266

00:47:48,920 --> 00:47:47,400

the book I give you a list of all the

1267

00:47:51,770 --> 00:47:48,930

free things you can download

1268

00:47:53,750 --> 00:47:51,780

and add on to Mozilla Firefox that will

1269

00:47:56,300 --> 00:47:53,760

make your browsing really really safe in

1270

00:47:58,940 --> 00:47:56,310

terms of your email I think we need to

1271

00:48:00,760 --> 00:47:58,950

wake up a little bit and you know when

1272

00:48:03,770 --> 00:48:00,770

somebody sends you an email

1273

00:48:06,500 --> 00:48:03,780

and I don't know give you an example a

1274

00:48:09,500 --> 00:48:06,510

little while ago I had an email from my

1275

00:48:11,720 --> 00:48:09,510

friend Phil seemingly from his his gmail

1276

00:48:14,270 --> 00:48:11,730

account and they said hey Connor

1277

00:48:16,670 --> 00:48:14,280

found this amazing picture of you now

1278

00:48:18,320 --> 00:48:16,680

first off Phil's not the kind of guy who

1279

00:48:21,740 --> 00:48:18,330

would have lots of amazing pictures of

1280

00:48:24,140 --> 00:48:21,750

me and secondly he's a news cameraman as

1281

00:48:25,700 --> 00:48:24,150

far as I know he's in Syria so I'm sure

1282

00:48:27,950 --> 00:48:25,710

he had better things to do than look at

1283

00:48:30,920 --> 00:48:27,960

anybody's photos now what had happened

1284

00:48:34,100 --> 00:48:30,930

was a hacker had just got into his gmail

1285

00:48:36,500 --> 00:48:34,110

account had got into his gmail contacts

1286

00:48:38,570 --> 00:48:36,510

list and they were pretending to be Phil

1287

00:48:40,730 --> 00:48:38,580

and they were sending out all this this

1288

00:48:42,470 --> 00:48:40,740

is what looked like photographs and you

1289

00:48:44,870 --> 00:48:42,480

opened them and suddenly you have

1290

00:48:47,060 --> 00:48:44,880

activated the most amazing spyware that

1291

00:48:48,620 --> 00:48:47,070

has got inside your system so we have to

1292

00:48:52,340 --> 00:48:48,630

think very long and hard about what

1293

00:48:55,280 --> 00:48:52,350

we're receiving you know if you are in

1294

00:48:58,040 --> 00:48:55,290

any way suspicious you should already

1295

00:49:00,080 --> 00:48:58,050

have free anti spyware and there's no

1296

00:49:02,000 --> 00:49:00,090

reason why you shouldn't and I'll give

1297

00:49:05,330 --> 00:49:02,010

you a list of really good ones and then

1298

00:49:07,790 --> 00:49:05,340

all you do is use those to examine the

1299

00:49:09,620 --> 00:49:07,800

attachment and it will tell you if

1300

00:49:11,150 --> 00:49:09,630

there's anything malicious in there so

1301

00:49:13,640 --> 00:49:11,160

we should just need to be more

1302

00:49:15,800 --> 00:49:13,650

suspicious you know earlier today I was

1303

00:49:17,390 --> 00:49:15,810

saying I got something for Tinley for my

1304

00:49:19,520 --> 00:49:17,400

bank and it wasn't for my bank it was

1305

00:49:22,400 --> 00:49:19,530

complete rubbish and again if I've

1306

00:49:25,340 --> 00:49:22,410

accepted that or it accepted an update

1307

00:49:27,200 --> 00:49:25,350

on waste on my smartphone all these ways

1308

00:49:30,110 --> 00:49:27,210

these ways people get into your system

1309

00:49:32,480 --> 00:49:30,120

so for example don't automatically

1310

00:49:34,940 --> 00:49:32,490

accept an update you should update

1311

00:49:37,190 --> 00:49:34,950

manually yourself in your own good time

1312

00:49:39,080 --> 00:49:37,200

and do it regularly but don't don't

1313

00:49:40,610 --> 00:49:39,090

automatically assume that you know

1314

00:49:44,000 --> 00:49:40,620

things are what they purport to be

1315

00:49:46,670 --> 00:49:44,010

because cybercrime for example is the

1316

00:49:48,740 --> 00:49:46,680

biggest area of crime on the planet I

1317

00:49:50,540 --> 00:49:48,750

mean Clinic but I wake up to that if

1318

00:49:52,760 --> 00:49:50,550

nothing else you know and then beyond

1319

00:49:55,070 --> 00:49:52,770

that you've got the law enforcement and

1320

00:49:58,910 --> 00:49:55,080

national security agency with the

1321

00:50:01,430 --> 00:49:58,920

miserably suspicious minds yeah great

1322

00:50:03,350 --> 00:50:01,440

points wow man this has been a great

1323

00:50:05,000 --> 00:50:03,360

show I really love this talk that pretty

1324

00:50:06,500 --> 00:50:05,010

much does it for us thanks for doing it

1325

00:50:08,180 --> 00:50:06,510

I know a lot of people aren't talking

1326
00:50:09,830 --> 00:50:08,190
about this yet so it's a real pleasure I

1327
00:50:11,900 --> 00:50:09,840
mean if anybody wants to dive deeper

1328
00:50:13,940 --> 00:50:11,910
Conrad's deep web Kindle book has

1329
00:50:15,200 --> 00:50:13,950
clickable links to a lot of

1330
00:50:16,970 --> 00:50:15,210
rate programs and anonymous

1331
00:50:18,950 --> 00:50:16,980
communication tools and a ton of more

1332
00:50:21,680 --> 00:50:18,960
info would you like to give them any

1333
00:50:23,829 --> 00:50:21,690
other information before we go well yeah

1334
00:50:27,250 --> 00:50:23,839
I just want to say you know I am NOT a

1335
00:50:29,780 --> 00:50:27,260
technically minded person you know if

1336
00:50:31,430 --> 00:50:29,790
just this basic things like trying to

1337
00:50:32,810 --> 00:50:31,440
make the VCR work no and I have one

1338
00:50:35,599 --> 00:50:32,820

anymore I couldn't make those things

1339

00:50:38,180 --> 00:50:35,609

work I have kept this book so super

1340

00:50:40,160 --> 00:50:38,190

simple we've tested we've tested various

1341

00:50:42,260 --> 00:50:40,170

products on various people free products

1342

00:50:44,210 --> 00:50:42,270

you know technical tools whatever on

1343

00:50:46,760 --> 00:50:44,220

various friends and other people and

1344

00:50:48,740 --> 00:50:46,770

anything that people found too confusing

1345

00:50:51,079 --> 00:50:48,750

to set up we have this dump from the

1346

00:50:53,990 --> 00:50:51,089

book so everything is super

1347

00:50:56,120 --> 00:50:54,000

straightforward 99% of it is free you

1348

00:50:58,099 --> 00:50:56,130

can choose to pay for some of the stuff

1349

00:51:00,980 --> 00:50:58,109

because we recommend it because we know

1350

00:51:04,099 --> 00:51:00,990

it to be really good but generally

1351
00:51:07,040 --> 00:51:04,109
speaking you know it is very simple

1352
00:51:09,440 --> 00:51:07,050
anybody if you can send an email if you

1353
00:51:11,599 --> 00:51:09,450
can access Facebook you can take on

1354
00:51:13,849 --> 00:51:11,609
board any of these toasts and tips and

1355
00:51:15,829 --> 00:51:13,859
technologies and make them work for you

1356
00:51:17,630 --> 00:51:15,839
and operate in such a way that you've

1357
00:51:19,760 --> 00:51:17,640
basically given yourself back the

1358
00:51:20,920 --> 00:51:19,770
freedom that the internet promised us in

1359
00:51:24,200 --> 00:51:20,930
the first place

1360
00:51:25,790 --> 00:51:24,210
great point man is there any way people

1361
00:51:28,400 --> 00:51:25,800
can keep up with your writing maybe

1362
00:51:31,940 --> 00:51:28,410
future writings well one thing I do

1363
00:51:33,349 --> 00:51:31,950

recommend if you do buy the book we all

1364

00:51:35,240 --> 00:51:33,359

take regularly because you know

1365

00:51:37,940 --> 00:51:35,250

techniques change this is a constantly

1366

00:51:40,430 --> 00:51:37,950

changing game of cat and mouse if you

1367

00:51:42,349 --> 00:51:40,440

buy the book register and we will send

1368

00:51:45,140 --> 00:51:42,359

you free updates whenever we bring them

1369

00:51:47,930 --> 00:51:45,150

out do have a blog but we're not keeping

1370

00:51:49,970 --> 00:51:47,940

it up to sort of I know it's regular as

1371

00:51:52,180 --> 00:51:49,980

I used to because so many other

1372

00:51:55,190 --> 00:51:52,190

activities going on at the moment now

1373

00:51:56,960 --> 00:51:55,200

but no I just register for the book and

1374

00:51:59,030 --> 00:51:56,970

we keep you updated with all sorts of

1375

00:52:01,250 --> 00:51:59,040

information as we learn it and quite

1376

00:52:04,099 --> 00:52:01,260

friendly a vast amount of my time is

1377

00:52:06,140 --> 00:52:04,109

spent exploring new products and reading

1378

00:52:09,290 --> 00:52:06,150

endless security blogs from various

1379

00:52:11,210 --> 00:52:09,300

people who we know to be good so

1380

00:52:13,099 --> 00:52:11,220

basically a shoes distillation of

1381

00:52:16,059 --> 00:52:13,109

everything that's going on put into this

1382

00:52:17,630 --> 00:52:16,069

one book deep web secrecy and security

1383

00:52:19,880 --> 00:52:17,640

right on man

1384

00:52:22,370 --> 00:52:19,890

well that does it then very empowering

1385

00:52:25,099 --> 00:52:22,380

very interesting information thanks

1386

00:52:27,319 --> 00:52:25,109

again take care of yourself Conrad Greg

1387

00:52:28,100 --> 00:52:27,329

thank you so much for having me and stay

1388

00:52:31,940 --> 00:52:28,110

safe

1389

00:52:34,940 --> 00:52:31,950

I'll try all right people Konrad Jaeger

1390

00:52:38,120 --> 00:52:34,950

tons of information a very important THC

1391

00:52:41,330 --> 00:52:38,130

I would say and maybe even more so in

1392

00:52:42,890 --> 00:52:41,340

the coming 10 20 years so thanks

1393

00:52:45,650 --> 00:52:42,900

everyone please donate to the money bomb

1394

00:52:47,690 --> 00:52:45,660

to keep the good THC x rollin please

1395

00:52:49,640 --> 00:52:47,700

share the show and help it grow find me

1396

00:52:51,590 --> 00:52:49,650

on Facebook or Twitter and add now I

1397

00:52:53,330 --> 00:52:51,600

have a little app that allows listeners

1398

00:52:55,070 --> 00:52:53,340

to leave a voice message right on the

1399

00:52:56,690 --> 00:52:55,080

website it would be great to hear some

1400

00:52:59,000 --> 00:52:56,700

weird stories or theories from the

1401

00:53:01,700 --> 00:52:59,010

people so think about that until next