Hello I'm Roger. Safety in today's Thursday, June 20 in your listing to the information security news podcast brought to you by Northwestern University information technology will start today with the Java and the oracles put out a new version of Java and it's got a lot of fixes and at the light that there's more than 40 fixes in this update and it says here that 37 of these are vulnerabilities that can be remotely exploited without any authentication so you think gather that this is pretty series should definitely want to make sure that you are keeping job up to date you want do this anyway hopefully Java has already updated itself but it's a good time to check in a few list this podcast right now near your computer go and check to make sure that you got the latest version of job on your computer just go to the Java website and there is a utility to can run that's right there that'll tell you if you're running the latest version is not a help you downloaded as well say why do that the other thing about this that is interesting is Mac the Apple folks for the Mac for the older versions of their operating systems should know the tends six and stuff like that they are not supporting updates and whether the two updates anymore but every now and then the folks over at Apple do an update for these older versions of the operating system and this happens to be one of those times where that's the case so even if you're running an old version of the IOS and if you are really anchored ship to the updated states just do it update your IOS UI keep that thing relatively current but if you're running an old version now this happens to be an update that should get know what I would like to say though is that I find this whole thing very confusing were Apple releases update sometimes they say they're not going to put out updates but you know than they do him in their update policy is just what it needs to be consistent to meet people need to be able to know and rely on updates will be available of it won't be available when you get occasionally put out an update here and update their I think that in some ways and while I appreciate it's useful to have in some ways it just prolongs people to view annual long were there where they are instead of actually getting a later version of the operatives trying to solve that problem so of I really wish Apple would be consistent about this this one of the few things were normally I'm the Campbell does a great job but it comes to updating their equipment in the that his one-time room not so sure that that's the case but nonetheless you know it's not entirely apples problem here Miller space at Oracle and Java certainly been a problem for a lot of different people and my guess is it's going to continue to do so nonetheless you know there's issues here get violets talk about the the NSA again and the other the prism program now we talk to lots of the slot last week, talk about a little bit more this week but then, try not to talk about this anymore this is really at this point of think it's you know we Notes: none and I'm not sure that there's any new and exciting information out there and I don't believe the sky is falling at this point there's the NSA director is met with the Senate to talk about this issue so that's good it's it's interesting though how and how these folks talk you know the you know very selective in their words and is not necessarily simple yes or no answers to questions right you know are you spying on Americans you know seems like you could answer that question yes you know or know and then maybe explain you know yes we do as long as there's a court order this takes place whenever right away that you you could you could explain with some but they only sort of couch things loop and I think that's what Leah Elkind lends itself to that more confusion and I don't know that that's that's a good thing especially around the stuff there's so much stuff going on it still in know it's been no not quite two weeks But still crazy busy this story is get lots of stuff that there is
a stairs of book called the secret war and this is an article lives in wired magazine and it talks about you know for meet Marilyn and the NSA and you noticed it's really fascinating read in all and again wired is one of these magazines that you know if you're feared kindly geeky like I am them actually am might be vanilla more than kind to geeky I love wired because it's cut great detail at C-note the stuff that I'm really interested in so wired put out a story here and it set us really really fascinating to read about how Fort Meade goes and how the NSA in a kind of works in and it's anyway appealing to a the show notes you taken the take a look at that of sure that you'll enjoy the story here that the Snowdon he's the guy who took the documents from the NSA took them out on a thumb drive now you know that our that's all fine and good to not personally as soon as I heard this that was my first guess was a took about a thumb drive or copied into his MP3 player or you know something like that he didn't just you know bring these things up and walk out right took a lot of something to me this is selected.story but why think is important here is that he was able to get access to so many different documents and nobody don't reset anything look I understand you know you're in you working in the business and you have a certain level of privilege and it means that you can see a fair number of things right but that doesn't mean that somebody shouldn't be monitoring what you're doing and when you're connecting to budget different documents that on a trip something admits that it is the and the essay how is it that they could allow this person to copy all of these documents and not have some little bell go off somewhere that says hey take a look at this here I mean that's just unacceptable for the NSA when I can see how you know maybe other organizations don't do this but when security is your middle name then you really need to play to pay attention to this stuff so pretty disappointed that he was just able to plug a thumb drive ran in and walk out with everything that he did that's that's bad-the last store that dimension along these lines is that it talks about it in crypt in your e-mail you basically it's a it's a great to visit Ars Technica story another good good the Journal of how much annoyance we tolerate to keep the NSA away and they talk about encrypting your e-mail here and decrypting e-mail you know this is maybe not just useful for keeping NSA away and to be honest with you I'm not sure will keep the NSA away you know it depending on what your groups and key strength is and what you choose a password and things of that nature you know I don't even think it's worth considering in on those grounds but it's useful because everybody has information that they want to be in a keep people from prying and I mean what Phuc Italy so much information these days is on your phone and if that information is encrypted your phone becomes a who cares and that's the same way works here with your e-mail in off if somebody accidentally stumbles onto something that we're e-mail is and your e-mails encrypted becomes who cares you know for most people for the average person in crypt thing just weak encryption is probably enough to keep prying eyes away now may not be enough to meet government regulations and it's certainly not enough to keep the NSA away but encryption to be a very powerful and very useful tool and this article has a very good tutorial on how you can start doing encryption on your e-mail so that's pretty good now with talk before about ransom where an essentially this is what happens is you get piece of malware on your computer the malware takes it in sometimes encryptor drive sometimes it that it encrypt certain documents or changes the way things behave usually what does that puts a big splash screen up below with an FBI logo or something like this it says you know you been found guilty of you know this Daniela thanks and you have to
pay a fine fine of usually a few hundred dollars and you paid a fine you click on the link and your machine starts working again well that's that's obviously an issue and here's a guide on how you can remove this stuff so if you do under police modes we've got this ransom were installed in your machine go to this guide up put in the show notes and hopefully this'll help you picture machine to running good again in the last thing I want is a photostory five looming threats to keep security experts up at night now I may or may not be a security expert but the sublease things do keep me up at night you know I do think about a lot that mean in some of these things that one of the things that talk about his banking Trojans hit all but a few went back and listened as about 200 these podcasts not one of you but went back and listened out that you have them I must mention something about banking financial information on your cell phones all this stuff and I absolutely agree banking Trojans in another thread here advanced mobile malware serious issues that mean I think this is going to be pretty big stuff on the other hand one of the things that they talk about his aircraft tacking and you know maybe I don't know enough about it but it's not that concerned I am I am not worried about somebody taking over an aircraft or breaking something on the aircraft such that the pilots are unable to control it you nor the other taken off course by a all these things seem a bit far-fetched to me I don't know that I wasn't convinced by what I read in this article anywhere that aircraft tacking is anything that I need to seriously worry about but who knows anyway I find it fascinating reading a lot of love reading stuff like this here you probably know that I've given enough of these things that a shout out anyway thanks for listening if you have any comments or suggestions please feel free to send them to our – saving the northwestern.edu and as always you find additional security information as Wilson notes that contain the links for today's podcast at her website www.IT.northwestern.edu/security