

On June 4, 2013, the FTC hosted a workshop on mobile threats. Staff tweeted the day-long event from its @FTC account. The hashtag was #FTCmobile.

Tweets are posted in chronological order for ease of reading. They remain in their original order on the FTC's Twitter account for as long as the site allows.

Tomorrow is our workshop on #mobile security. Follow online & submit Qs to moderators: [go.usa.gov/bWmk](http://go.usa.gov/bWmk) #FTCmobile

Good morning! We hope you're joining us for today for our forum on mobile security: <http://go.usa.gov/bWmk> #FTCmobile

Here's the link for FTC's mobile security webcast: <http://bit.ly/VaRgWX> & agenda: <http://go.usa.gov/bZ5C> #FTCmobile

We're starting our forum on mobile security now. Webcast link: #FTCmobile

Still having issues? #FTCmobile

We are in midst of mobile revolution, says Ramirez. Consumers buy 2x as many mobile devices as PCs. #FTCmobile

Forum covers state of mobile security, emerging threats & measures industry, govt, consumers can take 2 protect devices. -Ramirez #FTCmobile

Ramirez: FTC's interest in mobile security is broad mandate of protecting co

Commission has put high priority on ensuring FTC & industry are alert to consumer protection issues in mobile. - Ramirez #FTCmobile

Ramirez pleased to have such excellent representation from businesses across the complex mobile ecosystem participating in forum. #FTCmobile

Ramirez: There is no room for complacency by industry, government or consumers to keep mobile environment safe & secure. #FTCmobile

Steve Bellovin (@TechFTC) provides an overview of mobile security. #FTCmobile

Photo of FTC Chairwoman Edith Ramirez speaking at #FTCmobile. We will get her remarks posted online soon. [pic.twitter.com/asNLG6CCEU](https://pic.twitter.com/asNLG6CCEU)

Bellovin is discussing chips, operating systems, hardware & user interfaces in the mobile environment. #FTCmobile [pic.twitter.com/QHW2NfOpPf](https://pic.twitter.com/QHW2NfOpPf)

Thanks, submitting your question to staff now. #FTCmobile

Thanks, Ben. Submitting your question for Steve now. #FTCmobile

FYI, we will post presentations to the forum webpage after the forum: [go.usa.gov/bBg4](https://go.usa.gov/bBg4)  
#FTCmobile

We are now on to Panel 1: Understanding Mobile Malware. #FTCmobile

Panelists L to R: Khan, NO Mobile; Maclachlan, AdaptiveMobile, Guido, Trail of Bits, & Traynor, Georgia Tech. #FTCmobile

Malware is very much on the rise - we've seen a huge increase in the mobile industry, says Khan. #FTCmobile

Khan: Top infected (mobile malware) countries include China, India, Russia, United States, & Saudi Arabia. #FTCmobile

Khan discussing first crossover attack between PC & mobile via a USB port. #FTCmobile

Kids aren't necessarily always trained on best way to use their mobile devices. Tremendous responsibility for parents. - Khan #FTCmobile

Khan says some most significant risks to consumers incl bill shock, phishing, rogue apps, & mobile redirects. #FTCmobile

Moderator asks panelists to define mobile threat. Maclachlan: Looking at where people are losing money. #FTCmobile

Re: Define mobile threats. Guido says jailbreaks are often exploited, give access to all data on phone. #FTCmobile

Panelists move on to discussing how malware gets on devices. #FTCmobile

Reminder: At any time if you have questions for panelists, tweet them using #FTCmobile & we'll submit them for you to moderator.

RT Watch the @FTC mobile security & #privacy workshop here [ow.ly/IH0Ci](http://ow.ly/IH0Ci)  
#FTCmobile

Thanks. Got your question via email & Twitter. Sent to staff! #FTCmobile

RT Great discussion on mobile malware at the @FTC public forum on mobile security. #FTCmobile

RT Photo: Panelists explain emergence of mobile malware at #FTCmobile forum.  
[pic.twitter.com/o7kRqgTk7E](http://pic.twitter.com/o7kRqgTk7E)

Mobile malware not a technical issue. It's social engineering, says Maclachlan. #FTCmobile

Guido says access tog, says mt014(o)aarilefee-3(lt's 2e)8 (p)-4(h)-7(a)(h)-4iBDC 0 -14.61Ws 2ehreat. nossion . n

Moderator: FTC Panel biz left to right: NC State U, Google, Mozilla, Microsoft, Blackberry, and Apple. #FTCmobile

Panel will explore how various mobile platforms have designed security into their systems to help respond to & mitigate threats. #FTCmobile

William Enck, NC State University, is presenting mobile platform security background now. #FTCmobile

Enck: Like PC malware, smartphone malware is designed with incentive in mind. Usually boils down to making \$\$\$\$. #FTCmobile

██████████ Archived webcast will be available here: [ftc.gov/videos](http://ftc.gov/videos). Check the tab for FTC events then webcasts. #FTCmobile

██████████ We will post slides to our workshop page, usually within 24 hours: [go.usa.gov/bBq4](http://go.usa.gov/bBq4) #FTCmobile

Google's Adrian Ludwig discussing Android's platform, APIs, & what Google is doing for developers to help make apps more secure. #FTCmobile

Michael Coates says Mozilla is trying to present users with information in a way they understand. #FTCmobile

Adrian Stone: As threat curve changes, Blackberry reevaluates to create a seamless experience for the user. #FTCmobile

██████████████████████ We've got both of your questions. Sending to moderator now. Thank you! #FTCmobile

██████████ Thanks for the question. We've noted it for the moderator. #FTCmobile

██████████ Thanks for the question! #FTCmobile

██████████ Got it. Submitting to moderator. Thank you! #FTCmobile

Bug bounty programs encourage software security research & reward those who help make safer security environments. #FTCmobile

Jane Horvath discusses how Apple actively monitors its app store for malicious developers. #FTCmobile

PHOTO: Panelists discussing security features of mobile phones, role of app stores & developers & more. #FTCmobile [pic.twitter.com/7cZVm7HvYj](http://pic.twitter.com/7cZVm7HvYj)

Thanks for the question! We've submitted it to moderator.

#FTCmobile

Microsoft's Geir Olsen says their number one goal is end user safety. #FTCmobile

Panelists discussing Blackberry & Microsoft moving to single app store like Apple's. #FTCmobile

Panel 2 just wrapped and it is time for lunch! We'll be back with the FTC's forum on mobile security at 1:30pm ET. #FTCmobile

We're starting #FTCmobile again in few minutes. Tune in to webcast: [bit.ly/VaRgWX](http://bit.ly/VaRgWX) Agenda here: [go.usa.gov/bZ5C](http://go.usa.gov/bZ5C)

Now up: Markus Jakobsson from Fatskunk. He is presenting Threats on Mobile Devices. #FTCmobile

Jakobsson discussing rootkits, trojans, and jailbreaks. #FTCmobile

Jakobsson: Rootkits done for money/espionage. Jailbreaks for data / control / unacceptable use. Trojans for snooping. #FTCmobile

ICYMI: Chairwoman Edith Ramirez's opening remarks at mobile security forum now posted: [go.usa.gov/bBF3](http://go.usa.gov/bBF3) #FTCmobile

PHOTO: Jakobsson during his presentation at atman Edit roV #FTCmobigontat2 -4(CID 2CID 2Cler.com/(it)-4(: y N153.38 356.BDKT Mobile Devices. #FTile



On many phones, a properly-equipped thief can crack a 4-digit passcode in 20 minutes. - Fox #FTCmobile

Correction: Jakobsson: Why are good passwords hard to recall? Good passwords are weird! #FTCmobile

Smartphones & tablets are replacing laptops & PCs as people's primary information access device. - Kayvan Alikhani, Passban #FTCmobile

Alikhani: Problem w/using same password across multiple apps is user password (even if complex) only as secure as weakest app. #FTCmobile

Yubico's Terry Shofner discussing authentication challenges at mobile security forum. #FTCmobile

Panelists discussing locking phone and/or biometrics that lock individual apps within the device. #FTCmobile

Jakobsson: I hope passwords go away & are replaced with biometrics. #FTCmobile

1.4 million United States Android users encountered bad apps in 2012. - Derek Halliday, Lookout #FTCmobile

Halliday: 1 in 10 people in the United States have been victims of cellphone theft. #FTCmobile

PHOTO: Panelists discussing solutions to help consumers protect themselves from mobile threats. #FTCmobile [pic.twitter.com/WdB1tcQHda](http://pic.twitter.com/WdB1tcQHda)

Mikko Hypponen explaining malware distribution across computer platforms versus smartphone platforms. #FTCmobile

BCP Acting Director Charles Harwood wraps up FTC's forum on mobile security. Thanks staff for work put into organizing forum. #FTCmobile

Harwood: United States mobile market clearly taking good steps to protect mobile users, but we have -4(t)5(-3(e)8( )4(ave )5(-4(t)-2(rgan)-y t)3(ims )6(g-3(iIT EMC p(r )j)9c)3(s.)3(-3(#F10(o)-L4 210.53 Tr

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