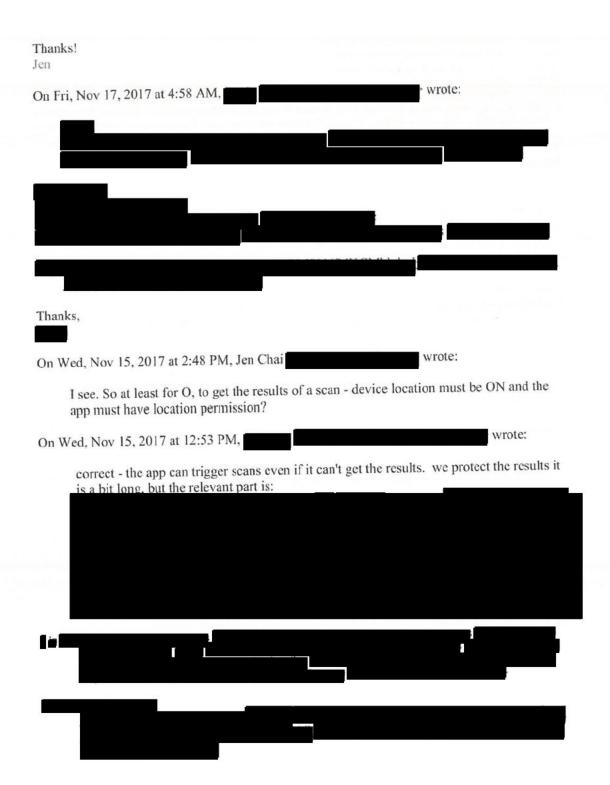


From: To: Sent: Fri, 17 Nov 2017 23:35:50 +0000 Subject: Re: Scanning Settings - Invitation to edit Cc: Yes, I have a feeling next week is going to be super productive :-). On Fri, Nov 17, 2017 at 3:21 PM Jen Chai as FYI Thanks Are you available on Monday at 12 noon to re-review this with our PWG/Legal? Thanks! Jen On Fri, Nov 17, 2017 at 12:15 PM, wrote: Hi Jen. Thanks, On Fri, Nov 17, 2017 at 9:15 AM, Jen Chai wrote: Thanks EXHIBIT NO P. Frederickson, CSR, CCR

GOOG-GLAZ-00031017

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On Wed, Nov 15, 2017 at 11:49 AM, Jen Chai wrote:
Thank you! Just to make sure I understand today, regardless of I (system or 3P) can Is that correct?
However, you mentioned that getting the results of that scan is based on app permissions - what permissions? app-level location permission?
Thanks! Jen
On Wed, Nov 15, 2017 at 11:34 AM,
just double checked -
Only system apps can request wifi scans? i believe scan requests will be honored - need to confirm
Only system apps can request wifi scans; however, location doesn't request any wifi scans no scans will be done - need to confirm
I also think
no problem!
On Wed, Nov 15, 2017 at 10:21 AM, Jen Chai wrote:
Thanks

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Just following up on these two states:

Location ON, Wifi Scanning ON, Wifi OFF: Only system apps can request wifi scans?

i believe scan requests will be honored - need to confirm

Location OFF, Wifi Scanning ON, Wifi OFF: Only system apps can request wifi scans; however, location doesn't request any wifi scans

no scans will be done - need to confirm

Can you confirm whether scanning is available to no one, only system apps, or 3P apps?

Thank you!

Jen

On Sun, Nov 5, 2017 at 9:42 PM,

wrote:

Let's see if I can fill in the blanks - but, admittedly, there is a bit of a mess that we are working to clear up.

On Thu, Nov 2, 2017 at 2:34 PM, Jen Chai

wrote:

I think it would help just to understand what happens today in the 2^3 options for location toggle, scanning toggle, and connectivity toggle:

(system apps and 3p apps are pretty much equivalent. there is a path for scan requests that location uses, but that is not available in general (requires the permission: android.Manifest.permission.LOCATION_HARDWARE)

Location ON, Wifi Scanning ON, Wifi ON: System apps and 3P apps can request wifi scans

yep

Location ON, Wifi Scanning ON, Wifi OFF: Only system apps can request wifi scans?

i believe scan requests will be honored - need to confirm

Location ON, Wifi Scanning OFF, Wifi ON: Since wifi is on, System apps and 3P apps can request wifi scans

yep

Location ON, Wifi Scanning OFF, Wifi OFF: No wifi scans by anyone

correct

Location OFF, Wifi Scanning ON, Wifi ON: System apps and 3P apps can request wifi scans, location doesn't request any wifi scans

correct - but only be wifi is on

Location OFF, Wifi Scanning ON, Wifi OFF: Only system apps can request wifi scans; however, location doesn't request any wifi scans

no scans will be done - need to confirm

Location OFF, Wifi Scanning OFF, Wifi ON: Since wifi is on, System apps and 3P apps can request wifi scans, location doesn't request any wifi scans

correct

Location OFF, Wifi Scanning OFF, Wifi OFF: No wifi scans by anyone correct

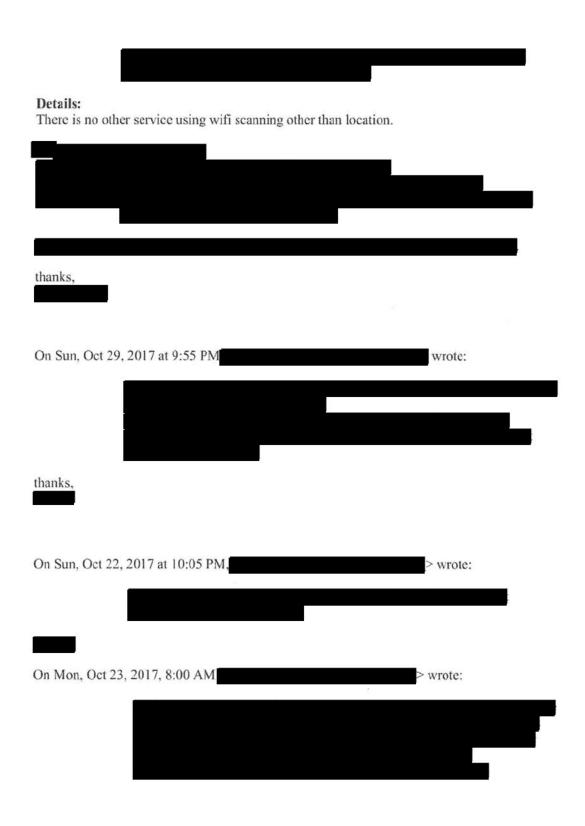


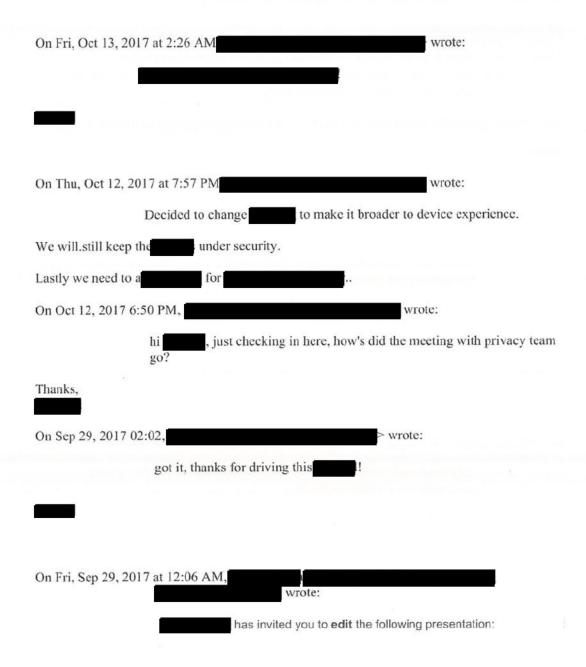
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Took a stab at what happens, but likely wrong...

Jen On Thu, Nov 2, 2017 at 6:18 AM, wrote: I agree, it would be good to confirm this. Thanks. On Wed, Nov 1, 2017 at 7:48 PM, wrote: What happens if the toggle is OFF but WiFi for connectivity/networking purposes is enabled? From the thread, I assume that 3rd-party wifi scanning would be disabled. That's understood but not explicitly stated below. On Wed, Nov 1, 2017 at 6:07 PM, Jen Chai wrote: - can you please confirm what is stating below? From our previous thread, my understanding of how it works today is if Device Location is OFF, but Wifi Scanning (under Location Settings) is ON, then although Location doesn't request any wifi scans, other system apps CAN get wifi scans (and possibly 3P apps that target SDK 22 and below). Thanks. Jen On Wed, Nov 1, 2017 at 5:57 PM, wrote: Hey folks, Following up from our yesterday's call - I discussed this issue with both

and here is tldr;





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Scanning Settings

Jen.

Here is deck for our chat around BT/WiFi Scans.

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