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LG ANDROID 5.x SUPPLEMENTAL PROCEDURES

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Developed by LG and DISA for the DoD

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1. SECURITY READINESS REVIEW

1.1 General

When conducting an LG Android 5.x Security Readiness Review (SRR), the Team Lead and the assigned Reviewer identify security deficiencies and provide data from which to predict the effectiveness of proposed or implemented security measures associated with the LG Android 5.x platform, its associated network infrastructure, and the individual devices comprising the system.

1.2 Mobile Policy Registration

Detailed policy guidance is available on the DISA Information Assurance Support Environment (IASSE) website located at: <http://iasse.disa.mil/stigs/mobility/Pages/policies.aspx>. Use the Mobility Policy STIG to review the General Wireless Policy asset and the CMD Policy STIG to review the Smartphone Handheld asset.

2. LG ANDROID IMPLEMENTATION CONSIDERATIONS

2.1 LG Android Device Disposal

For LG Android devices never exposed to classified data, follow this procedure prior to disposing of (or transferring to another user) a mobile device via site property disposal procedures:

*Follow device manufacturer's instructions for wiping all user data and installed applications from device memory.

2.2 Additional Information

2.2.1 LG Android Operating Environment

The LG Android 5.x platform contains only one operating environment; there are no separate "personal" and "work" environments on the device. Therefore, the device should be considered a work-only device and the use of personal apps on the device should be limited to those with low risk. Sites should determine appropriate personal use policies based on the LG Android 5.x operating environment.

2.2.2 Email Client and Browser Implementation Considerations

The native Android and Chrome browsers and email client are not FIPS 140-2 validated and therefore have been disabled via MDM policy (LGA5-20-003000 & LGA5-20-003100). DoD sites deploying the LG Android 5.x platform should select and install a FIPS 140-2 validated browser and email client. LG Electronics has a FIPS 140-2 validated browser available. Contact support-enterprise-mobility@lge.com for more information.

3. CORE AND PREINSTALLED APPLICATIONS¹

3.1 Disabled Applications

Table A-1 lists core and preinstalled applications that should be disabled. Risk in using these apps in the DoD environment is considered to be high. DoD Commands and Agencies should fully vet these apps, using the Application Software Protection Profile (APPSWPP), prior to approving their use.

3.2 Enabled Applications

Table A-2 lists core and preinstalled applications that are recommended for approval. DoD Commands and Agencies should consider vetting these apps using the Application Software Protection Profile (APPSWPP).

3.3 Auditing/Reviewing Device Applications

Applications are controlled by APIs: application whitelist (install/uninstall) and application blacklist (install/uninstall/launch). The application whitelist and blacklist are used to control installed, core, and preinstalled applications. Approved core and preinstalled applications are added to the whitelist so that updates can be installed. The Blacklist control is used to disable undesirable/unapproved core and preinstalled applications and to disable the capability for installing unapproved applications. Core and preinstalled applications listed on the application blacklist list are not removed from the device but cannot be launched by the user.

The following procedures are recommended for performing an audit/review of applications on LG Android devices:

1. Installed applications
 - Review the list of applications listed on the whitelist on the MDM Administration console.
 - Verify all apps on the list have been approved by the Approving Official (AO).
Note: Core and preinstalled applications included in Table A-2 are considered approved for DoD use unless expressly disapproved by the AO.
2. Core and preinstalled applications
 - View the blacklist of applications on the MDM console. Tap the "Apps" menu button on the LG device to view all installed apps. Verify that all apps on the blacklist cannot be launched.
 - Generate a list of applications installed on the LG device:
 - Tap the "Apps" menu button on the device to view all installed apps.
 - Remove any app on the whitelist from this list.

¹ A core app is defined as an app bundled by the operating system vendor, for example, Google. A preinstalled app is included on the device by a third-party integrator, including the device manufacturer or cellular service provider, for example, LG, Verizon Wireless, or AT&T.

Note: the whitelist may include approved installed, core, and preinstalled apps.

- Verify all apps remaining on the list of installed applications on the device have been approved by the AO.

APPENDIX A: APPLICATION LISTS

Table: A-1: Applications Recommended for Disapproval

Application Package Name	Application Name	G3	G4
com.amazon.fv	Amazon app suite	X	X
com.amazon.kindle	Amazon kindle	X	X
com.amazon.mp3	Amazon MP3	X	X
com.amazon.mShop.android	Amazon	X	X
com.amazon.venezia	Appstore	X	X
com.audible.application	Audible	X	
com.google.android.apps.cloudprint	Cloud Print	X	X
com.vcast.mediamanager	Cloud	X	X
com.google.android.apps.docs	Drive	X	X
com.verizon.familybase.companion	FamilyBase Companion	X	
com.google.android.gm	Gmail	X	X
com.google.android.apps.books	Google Play Books	X	X
com.google.android.play.games	Google Play Games	X	X
com.google.android.videos	Google Play Movies & TV	X	X
com.google.android.music	Google Play Music	X	X
com.google.android.apps.magazines	Google Play Newsstand	X	X
com.google.android.apps.plus	Google+	X	X
com.google.android.talk	Hangouts	X	X
com.imdb.mobile	IMDb	X	X
com.lge.bnr	LG Backup	X	X
com.google.android.feedback	Market Feedback Agent	X	X
com.verizon.messaging.vzmsgs	Message+	X	X
com.vzw.hss.widgets.infozone.large	My InfoZone	X	X
com.vzw.hss.myverizon	My Verizon Mobile	X	X
com.gotv.nflgamecenter.us.lite	NFL Mobile	X	X
com.slacker.radio	Slacker	X	X
com.isis.mclient.verizon.activity	Softcard	X	
com.asurion.android.verizon.vms	Support & Protection (VZ Protect)	X	X
com.lge.lgdmsclient	System updates	X	X
com.telecomsys.directedsms.android.SCG	Verizon Location Agent	X	X
com.motricity.verizon.ssdownloadable	Verizon Login	X	X
com.lge.videotool	Video Trim	X	X
com.vznavigator.Generic	Voice Navigator	X	X
com.google.android.youtube	VZ YouTube	X	X
com.isis.mclient.atnt.activity	Softcard	X	
com.telenav.app.android.cingular	AT&T Navigator	X	X
com.wildtangent.android	Games	X	X
com.yahoo.mobile.client.android.yahoo.att	AT&T Live	X	X
net.aetherpal.device	AT&T Remote Support	X	X

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com.matchboxmobile.wisp	AT&T Hot Spots	X	X
com.att.android.attsmartwifi	AT&T Smart Wi-Fi	X	X
com.lge.aab	AT&T Address Book	X	X
com.lge.lgworld	SmartWorld	X	X
com.twitter.android	Twitter	X	X
com.asurion.android.mobilerecovery.att	AT&T Mobile Location	X	X
com.facebook.katana	Facebook	X	X
com.ubercab	Uber	X	X
com.callpod.android_apps.keeper	Keeper	X	X
com.wavemarket.waplauncher	AT&T FamilyMap	X	X
com.att.android.digitallocker	AT&T Locker	X	X
com.att.myWireless	myAT&T	X	X
com.lookout	Lookout	X	X
com.mobitv.client.tv	Mobile TV	X	X
com.android.chrome	Chrome	X	X
com.lge.email	Email	X	X
com.android.browser	Browser	X	X
com.yahoo.mobil.client.android.mail.att	AT&T Mail	X	X
com.google.android.apps.walletnfcrel	Wallet		X
com.google.android.apps.docs.editors.docs	Sheets		X
com.google.android.apps.docs.editors.sheets	Sheets		X
com.google.android.apps.docs.editors.slides	Slides		X
com.lge.appbox.client	App Updates		X
com.lge.myplace	My places		X

Table: A-2: Applications Recommended for Approval

Application Package Name	Application Name	G3	G4
com.android.settingsaccessibility	Accessibility	X	X
android	Android System	X	X
com.android.bluetooth	Bluetooth	X	X
com.android.calculator2	Calculator	X	X
com.android.providers.calendar	Calendar Storage	X	X
com.android.calendar	Calendar	X	X
com.android.incallsui	Call	X	X
com.lge.ltecall	Call	X	X
com.cequint.ecid	Caller Name ID	X	X
com.lge.camera	Camera	X	X
com.android.captiveportallogin	CaptivePortalLogin	X	X
com.android.certinstaller	Certificate Installer	X	X
com.android.chrome	Chrome	X	X
com.lge.clock	Clock	X	X
com.android.backupconfirm	com.android.backupconfirm	X	X
com.android.browser.provider	com.android.browser.provider	X	X
com.android.wallpapercropper	com.android.wallpapercropper	X	X
com.android.providers.contacts	Contacts Storage	X	X
com.android.contacts	Contacts	X	X
com.lge.privacylock	Content lock	X	X
com.android.managedprovisioning	Device Provisioner	X	X
com.android.documentsui	Documents	X	X
com.android.providers.downloads	Download Manager	X	X
com.android.providers.downloads.ui	Downloads	X	X
com.lge.drmservice	DRM Service	X	X
com.LogiaGroup.LogiaDeck	DT Ignite	X	X
com.lge.easyhome	EasyHome	X	X
com.lge.eltest	ELTest	X	X
com.lge.email	Email	X	X
com.lge.cmas	Emergency Alerts	X	X
com.lge.filemanager	File Manager	X	X
com.lge.formmanager	FormManager	X	X
com.android.gallery3d	Gallery	X	X
com.lge.gnss.airtest	GNSS Air Test	X	X
com.lge.gnssstest	GnssTest 1.2	X	X
com.google.android.gsf.login	Google Account Manager	X	X
com.google.android.backuptransport	Google Backup Transport	X	X
com.google.android.partnersetup	Google Partner Setup	X	X
com.google.android.gms	Google Play Services	X	X
com.android.vending	Google Play Store	X	X
com.google.android.googlequicksearchbox	Google Search	X	X
com.google.android.gsf	Google Services Framework	X	X

com.google.android.tts	Google Text-to-speech Engine	X	X
com.lge.helpcenter	Help	X	X
com.lge.homesector	Home Selector	X	X
com.lge.launcher2.theme.optimus	Home Theme - LG	X	X
com.lge.launcher2	Home	X	X
com.android.htmlviewer	HTML Viewer	X	X
com.android.keychain	Key Chain	X	X
com.lge.gnsspostest	LG GNSS 2.1	X	X
com.lge.lifetracker	LG Health	X	X
com.lge.ims	LG IMS	X	X
com.lge.ime.theme.black	LG Keyboard Black Theme	X	X
com.lge.ime	LG Keyboard	X	X
com.lge.sync	LG Bridge Service (App name is LG PC Suite Service on G3)	X	X
com.lge.tts.sfplus	LG TTS+	X	
com.ipsec.vpnclient	LG VPN	X	X
com.lge.android.at-service	LGATCMD Service	X	X
com.android.LGSetupWizard	LGSetupWizard	X	X
com.lge.smartcover	LGSmartCover	X	X
com.lge.eulaprovider	License Provider	X	X
com.android.wallpaper.livepicker	Live Wallpaper Picker	X	X
com.qualcomm.location	LocationServices	X	X
com.lge.lockscreensettings	Lock Screen Settings	X	X
com.maluuba.android.qvoice	Maluuba Qvoice Interface	X	X
com.google.android.apps.maps	Maps	X	X
com.android.providers.media	Media Storage	X	X
com.android.mms	Messaging	X	X
com.lge.mobilehotspot.ui	MobileHotspot	X	
com.lge.livewallpaper.multiphoto	Multi-photo	X	X
com.lge.music	Music	X	X
com.android.nfc	NFC Service	X	X
com.android.packageinstaller	Package Installer	X	X
com.android.phone	Phone	X	X
com.lge.networksettings	Phone	X	X
com.android.printspooler	Print Spooler	X	X
com.lge.hotspotprovision	Provision	X	X
com.lge.qmemoplus	QuickMemo+	X	X
com.lge.qremote	QuickRemote	X	X
com.qualcomm.qti.services.secureui	Secure UI Service	X	
com.lge.servicemenu	ServiceMenu	X	X
com.android.settings	Settings	X	X
com.lge.settings.easy	Settings	X	X
com.google.android.setupwizard	Setup Wizard	X	X
com.lge.AppSetupWizard	Setup Wizard	X	X
com.android.shell	Shell	X	X

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com.android.stk	SIM Toolkit	X	X
com.lge.springcleaning	Smart cleaning	X	X
com.lge.concierge	Smart Notice	X	X
com.lge.keeppscreenon	Smart screen	X	X
com.lge.doyouknow	Smart Tips	X	X
com.lge.smartsharepush	SmartShare Push	X	X
com.lge.smartshare.dlna	SmartShare.DLNA	X	X
com.lge.smartshare	SmartShare.MediaServer	X	X
com.lge.lgfota.permission	Software Update	X	
com.google.android.street	Street View	X	X
com.android.systemui	System UI	X	X
com.google.android.tag	Tags	X	X
com.google.android.marvin.talkback	TalkBack	X	X
com.lge.task	Tasks	X	
com.lge.smarttext	Text Link	X	
com.lge.thinkfreeviewer	ThinkFree Viewer	X	X
com.lge.touchcontrol	Touch control areas	X	X
com.android.facelock	Trusted Face	X	X
com.lge.eula	Unified EULA	X	X
com.lge.videoplayer	Video	X	X
com.lge.voicecommand	Voice Command	X	X
com.lge.vvm	Voice Mail	X	X
com.lge.qvoiceplus	Voice Mate	X	X
com.lge.voicerecorder	Voice Recorder	X	X
com.android.vpndialogs	VpnDialogs	X	X
com.lge.wapservice	WAP Service	X	X
com.lge.sizechangable.weather	Weather	X	X
com.lge.sizechangable.weather.platform	WeatherPlatform	X	X
com.lge.wv.hidden	Widevine Keybox Test	X	X
com.lge.ime.dictionary.xt9	Xt9 Dictionaries	X	X
com.lge.shutdownmonitor	Shutdown Monitor	X	X
com.lge.pcsyncui	LG Bridge (App name is LG PC Suite on G3)	X	X
com.lge.gotether	Mobile Hotspot	X	
com.android.LGSetupWizard	LGSetupWizard	X	X
com.lg.ATTDeviceHelp	DeviceHelp	X	X
com.drivemode	DriveMode	X	X
com.lge.settings.shortcut	Usage Manager	X	X
com.google.android.inputmethod.latin	Google Keyboard	X	X
com.yellowpages.android.ypmobile	YP	X	X
com.lge.acms	Message Backup & Sync	X	X
com.cequent.ecid	Caller Name ID	X	X
com.android.browser	Browser	X	X
com.lge.exchange	Exchange		X
com.locationlabs.cni.att	Smart Limits		X

com.att.digitallife.android.phone22	Digital Life		X
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