



Android Enterprise device testing

Device: **Motorola Moto G7 Power XT1995-4**
 OS version: **9**
 Build number: **PPO29.80-27**
 Security patch: **December 01** Within 90 days? ██████████
 Date tested: **19/05/2019**

EMM1: **MobileIron Core 10.3 & Mobile@Work 10.2.1.1.3**
 EMM2: **Workspace One UEM & Hub 19.04.0.29**
 EMM3 (optional): **AMAPI & Android Device Policy 09.85.13.Q**

Provisioning	EMM1	EMM2	EMM3
Zero-touch			
Initiates following network connectivity	Success	Success	Success
No wizard interjections	Fail	Fail	Fail
Passes through DPC extras	Success	Success	Warning
Automatically resets if user attempts to skip ZT	Success	Success	Warning
Silently adds the provisioned managed Google Play account	Success	Success	Success
Enforces encryption if not encrypted	Warning	Warning	Warning
KME			
Initiates following network connectivity	Warning	Warning	Warning
No wizard interjections	Warning	Warning	Warning
Passes through DPC extras	Warning	Warning	Warning
Cannot be bypassed	Warning	Warning	Warning
Enforces encryption if not encrypted	Warning	Warning	Warning
QR			
Supports 6 taps on the welcome screen	Success	Success	Success
No wizard interjections	Fail	Fail	Fail
Passes through DPC extras	Success	Success	Success
Connects to WiFi if configured in payload	Success	Success	Success
Silently adds the provisioned managed Google Play account	Success	Success	Success
Enforces encryption if not encrypted	Warning	Warning	Warning

	EMM1	EMM2	EMM3
DPC identifier / Google account			
No wizard interjections following input of identifier	Fail	Fail	Fail
Silently adds the provisioned managed Google Play account	Success	Success	Success
Enforces encryption if not encrypted	Warning	Warning	Warning
NFC			
NFC radio is enabled out of the box	Warning	Warning	Warning
No wizard interjections	Warning	Warning	Warning
Enforces encryption if not encrypted	Warning	Warning	Warning
Passes through DPC extras	Warning	Warning	Warning
Silently adds the provisioned managed Google Play account	Warning	Warning	Warning
Work profile			
Initiates a creation of a work profile during EMM setup	Success	Success	Success
Creates a work folder if tabbed launcher is not present	Warning	Warning	Warning
Disables parent DPC & enables work profile DPC	Success	Success	Success
Supports work challenge	Success	Warning	Success
Doesn't add unnecessary system apps into the work profile	Success	Success	Success
Does not permit access to the shared SD Card if present	Success	Success	Success
Silently adds the provisioned managed Google Play account	Success	Success	Success

Device Passcode	BYOD	COBO	COPE
	EMM1 EMM2 EMM3	EMM1 EMM2 EMM3	EMM1 EMM2 EMM3
Passcode enforced	Success	Success	Success
Permit only passcode type set (PIN/Password)	Success	Success	Success
Enforce min length	Success	Success	Success
Enforce complexity	Success	Success	Success
Enforce timeout	Success	Success	Success
Enforce grace period for device lock	Success	Success	Success
Enforce max failed attempts	Success	Success	Fail
Disallow some and all Smartlock features	Success	Success	Success
Disallow fingerprint	Success	Success	Success
Disallow iris scan	Success	Success	Success
Disallow face unlock	Success	Success	Success
Enforce block/redact notifications	Success	Success	Warning

Work Profile Challenge	BYOD	COBO	COPE
	EMM1 EMM2 EMM3	EMM1 EMM2 EMM3	EMM1 EMM2 EMM3
Passcode enforced	Success	Success	Success
Permit only passcode type set (PIN/Password)	Success	Success	Success
Enforce min length	Success	Success	Success
Enforce complexity	Success	Success	Success
Enforce timeout	Success	Success	Success
Enforce max failed attempts	Success	Success	Fail
Disallow fingerprint	Success	Success	Success
Disallow iris scan	Success	Success	Success
Disallow face unlock	Success	Success	Success
Disallow unified password	Success	Success	Success
Enforce redacted notifications	Success	Success	Success

Apps	BYOD	COBO	COPE
	EMM1 EMM2 EMM3	EMM1 EMM2 EMM3	EMM1 EMM2 EMM3
Enforce runtime permissions	Success	Success	Success
Managed config pushed	Success	Success	Success
Managed config updated	Success	Success	Success
Enable/disable System Apps	Success	Success	Success
Apps deploy silently	Success	Success	Success
Disallow app installation	Success	Success	Success
Disallow app uninstallation	Success	Success	Success

Fully Managed	BYOD	COBO	COPE
	EMM1 EMM2 EMM3	EMM1 EMM2 EMM3	EMM1 EMM2 EMM3
Disallow camera	Success	Success	Success
Disallow screen capture	Success	Success	Success
Disallow master volume un-mute	Success	Success	Success
Disallow automatic date & time	Success	Success	Success
Disallow automatic timezone	Success	Success	Success
Disallow safe boot of the device	Success	Success	Success
Disallow factory reset	Success	Success	Success
Disallow mounting external media	Success	Success	Success
Disallow the user to transfer files over USB	Success	Success	Success
Disallow use of USB storage	Success	Success	Success
Keep device on while plugged in (AC/wireless/USB)	Success	Fail	Fail
Disallow Keyguard	Success	Success	Success
Disallow status bar	Success	Dedicated	Success
Disallow backup service	Success	Success	Success
Disallow SMS	Success	Success	Success
Disallow outgoing calls	Success	Success	Success
Disallow roaming	Success	Success	Success
Enforce Application Verification	Success	Success	Success
Disallow Wi-Fi	Success	Success	Success
Disallow Wi-Fi changes	Success	Success	Success
WiFi sample config connects	Success	Success	Success
Disallow sharing over NFC	Success	Success	Success
Disallow Bluetooth	Success	Success	Success
Disallow Bluetooth configuration	Success	Success	Success
Disallow Bluetooth sharing	Success	Success	Success
Disallow emergency broadcasts configuration	Success	Success	Success
Disallow mobile network configuration	Success	Success	Success
Disallow tethering	Success	Success	Success
Disallow VPN	Success	Success	Success
VPN device sample config connects	Success	Success	Success
Enforce always-on VPN	Success	Success	Success
Enforce system update control	Success	Warning	Warning
Enforce FRP whitelist	Success	Success	Success
Enforce Bypass FRP	Success	Success	Fail
Configure custom messages (lockscreen, etc)	Success	Success	Success
Disallow system UI toasts	Success	Success	Success
Skip user tutorial and introductory hints	Success	Success	Success
Disallow unknown sources	Success	Success	Success
Disallow USB debugging	Success	Success	Success
Disallow wallpaper change	Success	Success	Success
Disallow removing the Android Enterprise account	Success	Success	Success
All non-critical system applications disabled	Success	Success	Success
Enforce persistent preferred activity (default apps)	Success	Success	Success

Work Profile	BYOD	COBO	COPE
	EMM1 EMM2 EMM3	EMM1 EMM2 EMM3	EMM1 EMM2 EMM3
Disallow screen capture	Success	Success	Success
Disallow location	Success	Success	Success
Disallow modification of apps	Success	Success	Success
Disallow configure user credentials	Success	Success	Success
Disallow create & modify accounts	Success	Success	Success
Disallow NFC sharing	Success	Success	Success
Enforce Google Play Auto-Update Policy	Success	Success	Success
Disallow copy and paste	Success	Success	Success
Disallow caller ID across profiles	Success	Success	Success
Disallow cross-profile contact search	Success	Success	Success
Disallow bluetooth contact sharing	Success	Success	Success
Disallow unknown sources in personal profile	Success	Warning	Success
VPN profile sample config connects	Success	Success	Success
Disallow Pasting clipboard between work and personal apps	Success	Success	Success
Disallow work apps to access documents from personal apps	Warning	Success	Success
Disallow personal apps to access documents from work apps	Success	Success	Success
Disallow personal apps to share documents with work apps	Warning	Success	Success
Disallow work apps to share documents with personal apps	Success	Success	Success
Disallow removing the profile Android Enterprise account	Success	Success	Success
Disallow work widgets adding to personal home screen	Fail	Success	Success
Enforce always-on VPN	Success	Success	Success

Dedicated	BYOD	COBO	COPE
	EMM1 EMM2 EMM3	EMM1 EMM2 EMM3	EMM1 EMM2 EMM3
Kiosk launches	Success	Success	Success
Locktask mode works	Success	Success	Success
Kiosk cannot be escaped	Success	Success	Success
Disallow status bar	Success	Success	Success
System navigation doesn't allow escape	Success	Warning	Success
No access to settings other than explicitly permitted	Success	Success	Success
Kiosk auto-launches on enrolment	Success	Success	Success

Logic
 Success █
 Fail █
 Warning █
 Untested/Unsupported █