GOOGLE ANDROID 11 SECURITY TECHNICAL IMPLEMENTATION GUIDE (STIG) CONFIGURATION TABLES

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Developed by Google and DISA for the DoD

LIST OF TABLES

Page

Note: The logic of some of the configuration settings in the following tables may differ from one EMM product to another. For example, the policy rule "Disable Manual Date Time Changes" may appear as "Allow Manual Date Time Changes" in some EMM consoles. In this case, the setting should be configured to "False" instead of "True".

Table 1-1: Configuration Policy Rules for COPE

Policy Group	Policy Rule	Options	Settings	Related Requirement	Comment
Password Requirements	Minimum password length	0+	6	GOOG-11-000100	Minimum device password length Configuration API: setPasswordMinimumLength
Password Requirements	Minimum password quality	Unspecified, Something, Numeric, Numeric (Complex), Alphabetic, Alphanumeric, Complex	Numeric (Complex), Alphabetic, Alphanumeric, or Complex	GOOG-11-000200	Numeric (Complex) recommended Configuration API: setPasswordQuality
Password Requirements	Device lock timeout	0+	15	GOOG-11-000300, GOOG-11-000400	Configuration API: setMaximumTimeToLock
Password Requirements	Maximum number of failed attempts	0+	10	GOOG-11-000500	Configuration API: setMaximumFailedPasswordsForWipe()
Restrictions	Non-Market App Installation	Select/unselect	Select	GOOG-11-000800	Configuration API: DISALLOW_INSTALL_UNKNOWN_SOURCES
Restrictions	List of approved apps listed	List of approved apps	List only approved workspace	GOOG-11-001000,	Managed Google Play is always an allow listed App Store.

Policy Group	Policy Rule	Options	Settings	Related Requirement	Comment
	in managed Google Play		apps in managed Google Play	GOOG-11-001100	
Restrictions	Bluetooth	Select/ unselect	Select/unselect	GOOG-11-001400	Setting of control depends on AO decision. Configuration API: DISALLOW_CONFIG_BLUETOOTH
Restrictions	Unredacted Notifications	Select/ unselect	Select	GOOG-11-001600	Configuration API: KEYGUARD_DISABLE_UNREDACTED_NOTIFICATIONS
Restrictions	Disable trust agents	Select/ unselect	Select	GOOG-11-002300	Configuration API: KEYGUARD_DISABLE_TRUST_AGENTS
Restrictions	Debugging features	Select/ unselect	Select	GOOG-11-002800	Configuration API: DISALLOW_DEBUGGING_FEATURES
Restrictions	Lock Screen Message	Enable/ Disable	Enable, Disable	GOOG-11-003400	If the DoD warning banner is not placed in the User Agreement, configure on the Google device via the MDM console and enter required text. Configuration API: setDeviceOwnerLockScreenInfo
Restrictions	Disallow USB file transfer	Select/ unselect	Select	GOOG-11-003500, GOOG-11-003700	Configuration API: DISALLOW_MOUNT_PHYSICAL_MEDIA DISALLOW_USB_FILE_ TRANSFER
Restrictions	Disallow backup servicer	Select/ unselect	Select	Optional setting GOOG-11-003900	Since personal accounts cannot be added (GOOG-11-009200), this control only impacts personal profile accounts. Site can allow backup based on local policy. Configuration API: setBackupServiceEnabled
Restrictions	Disallow cross profile copy/paste	Select/ unselect	Select	GOOG-11-004500	Configuration API: DISALLOW_CROSS_PROFILE_COPY_PASTE

Policy Group	Policy Rule	Options	Settings	Related Requirement	Comment
Restrictions	Disallow sharing data into the profile	Select/ unselect	Select	GOOG-11-004500	Configuration API: DISALLOW_SHARE_INTO_MANAGED_PROFILE
Restrictions	Disallow Add User	Select/ unselect	Select	GOOG-11-004700	Multi-user mode Configuration API: DISALLOW_MODIFY_ACCOUNTS
Restriction	Enable/disable automatic updates of system software	Select/ unselect	Select	GOOG-11-004900	Configuration API: setSystemUpdatePolicy
Restrictions	Disallow/allow location services	Select/ unselect	Select	GOOG-11-005200	Configuration API: DISALLOW_CONFIG_LOCATION DISALLOW_SHARE_LOCATION
Restrictions	Wipe only Enterprise Data	Select/unselect	Select	GOOG-11-005400	Configuration API: removeUser
Restrictions	Enable security logging	Select/ unselect	Select	GOOG-11-005505, GOOG-11-006100	Configuration API: setSecurityLoggingEnabled
Restrictions	Disallow config tethering	Select/ unselect	Select	GOOG-11-008800	Configuration API: DISALLOW_CONFIG_TETHERING
Policy Management	Certificates	Include DoD certificates in work profile		GOOG-11-009000	Configuration API: installCaCert()

Policy Group	Policy Rule	Options	Settings	Related Requirement	Comment
Restrictions	Disallow config credentials	Select/ unselect	Select	GOOG-11-009100	Configuration API: DISALLOW_CONFIG_CREDENTIALS
Restrictions	Disallow modify accounts in work profile	Select/ unselect	Select	GOOG-11-009200	Blocks adding personal accounts to a work profile by user. Configuration API: DISALLOW_MODIFY_ACCOUNTS
Policy Management	Core app allow list	Select/ unselect	Select	GOOG-11-009400	Enforce system app "disable" list with this control. Configuration API: enableSystemApp and setApplicationHidden
Enrollment Configuration	Default device enrollment	Fully Managed/ Use for work and personal	Fully Managed/ Use for work and personal	GOOG-11-009600	COPE enrollment
Restrictions	Disallow autofill on Web browser	Enable/Disable	Disable	GOOG-11-09800	Workspace browser auto completion. Chrome Browser configuration: SearchSuggestEnabled = Disabled
Restrictions	Disallow autofill in work profile apps	Select/ unselect	Select	GOOG-11-010000	System auto fill: Configuration API: DISALLOW_AUTOFILL
Restrictions	Set auto (network) time required	Select/ unselect	Select	GOOG-11-010200	Configuration API: SetAutoTimeRequired – on Parent DISALLW_CONFIG_DATE_TIME – on User
Restrictions	Set input method to	List of approved	Do not approve any 3rd party	GOOG-11-011000	Google Play on personal side of device can be allow list or block list. Configure with an allow list of

Policy Group	Policy Rule	Options	Settings	Related Requirement	Comment
	only default Keyboard	keyboards in device side Google Play	keyboard applications		approved apps and do not approve any third-party keyboard apps.
Restrictions	Cross-profile calendar	Allow all packages/ Set allowed packages	Disabled	Optional	Enables the capability of the personal profile calendar for viewing events on the work profile calendar. Configuration API: setCrossProfileCalendarPackages
Restrictions	Set Private DNS Mode	Off, Automatic, Specified Host, Unknown	Select	Optional	Forces the use of DNS over TLS. Configuration API: setGlobalPrivateDnsModeOpportunistic() or setGlobalPrivateDnsModeSpecifiedHost()
Restrictions	Personal app allow list	List of approved apps	List only approved apps in Google Play	Optional	Implements an allow list of personal apps on Google Play for personal profile. MDM/EMM selects a list of allowed apps in Google Play.
Restrictions	Personal app block list	List of unapproved apps	List only unapproved apps in Google Play	Optional	Implements a block list of personal apps on Google Play for personal profile. MDM/EMM selects a list of blocked apps in Google Play.
Restrictions	CC Mode	Enable, Disable	Select	GOOG-11-011100	Configuration API: setCommonCriteriaModeEnabled

Table 1-2: Configuration Policy Rules for COBO

Policy Group	Policy Rule	Options	Settings	Related Requirement	Comment
Password Requirements	Minimum password length	0+	6	GOOG-11-000100	Minimum device password length. Configuration API: setPasswordMinimumLength
Password Requirements	Minimum password quality	Unspecified, Something, Numeric, Numeric (Complex), Alphabetic, Alphanumeric, Complex	Numeric (Complex), Alphabetic, Alphanumeric, or Complex	GOOG-11-000200	Numeric (Complex) recommended. Configuration API: setPasswordQuality
Password Requirements	Device lock timeout	0+	15	GOOG-11-000300, GOOG-11-000400	Configuration API: setMaximumTimeToLock
Password Requirements	Maximum number of failed attempts	0+	10	GOOG-11-000500	Configuration API: setMaximumFailedPasswordsForWipe()
Restrictions	Non-Market App Installation	Select/unselect	Select	GOOG-11-000800	Configuration API: DISALLOW_INSTALL_UNKNOWN_SOURCES
Restrictions	List of approved apps listed in managed Google Play	List of approved apps	List only approved workspace apps in managed Google Play	GOOG-11-001000, GOOG-11-001100	Managed Google Play is always a block-listed App Store.

Policy Group	Policy Rule	Options	Settings	Related Requirement	Comment
Restrictions	Bluetooth	Select/ unselect	Select/unselect	GOOG-11-001400	Setting of control depends on AO decision. Configuration API: DISALLOW_CONFIG_BLUETOOTH
Restrictions	Unredacted Notifications	Select/ unselect	Select	GOOG-11-001600	Configuration API: KEYGUARD_DISABLE_UNREDACTED_NOTIFICATIONS
Restrictions	Disable trust agents	Select/ unselect	Select	GOOG-11-002300	Configuration API: KEYGUARD_DISABLE_TRUST_AGENTS
Restrictions	Debugging features	Select/ unselect	Select	GOOG-11-002800	Configuration API: DISALLOW_DEBUGGING_FEATURES
Restrictions	Lock Screen Message	Enable/ Disable	Enable, Disable	GOOG-11-003400	If the DoD warning banner is not placed in the User Agreement, configure on the Google device via the MDM console and enter required text. Configuration API: setDeviceOwnerLockScreenInfo
Restrictions	Disallow USB file transfer	Select/ unselect	Select	GOOG-11-003500, GOOG-11-003700	Configuration API: DISALLOW_MOUNT_PHYSICAL_MEDIA DISALLOW_USB_FILE_ TRANSFER
Restrictions	Disallow backup service	Select/ unselect	Select	Optional setting GOOG-11-003900	Since personal accounts cannot be added (GOOG-11-009200), this control only impacts personal profile accounts. Site can allow backup based on local policy. Configuration API: setBackupServiceEnabled
Restrictions	Disallow Add User	Select/ unselect	Select	GOOG-11-004700	Multi-user mode Configuration API: DISALLOW_MODIFY_ACCOUNTS
Restriction	Enable/disable	Select/ unselect	Select	GOOG-11-004900	Configuration API: setSystemUpdatePolicy

7

Policy Group	Policy Rule	Options	Settings	Related Requirement	Comment
	automatic updates of system software				
Restrictions	Disallow/ allow location services	Select/ unselect	Select	GOOG-11-005200	Configuration API: DISALLOW_CONFIG_LOCATION DISALLOW_SHARE_LOCATION
Restrictions	Enable security logging	Select/ unselect	Select	GOOG-11-005505, GOOG-11-006100	Configuration API: setSecurityLoggingEnabled
Restrictions	Disallow config tethering	Select/ unselect	Select	GOOG-11-008800	Configuration API: DISALLOW_CONFIG_TETHERING
Policy Management	Certificates	Include DoD certificates in work profile		GOOG-11-009000	Configuration API: installCaCert()
Restrictions	Disallow config credentials	Select/ unselect	Select	GOOG-11-009100	Configuration API: DISALLOW_CONFIG_CREDENTIALS
Policy Management	Core app allow list	Select/ unselect	Select	GOOG-11-009400	Enforce system app "disable" list with this control. Configuration API: enableSystemApp and setApplicationHidden
Enrollment Configuration	Default device enrollment	Fully Managed	Fully Managed	GOOG-11-009600	COBO enrollment
Restrictions	Disallow autofill on	Enable/Disable	Disable	GOOG-11-09800	Workspace browser auto completion.

Policy Group	Policy Rule	Options	Settings	Related Requirement	Comment
	Web browser				Chrome Browser configuration: SearchSuggestEnabled = Disabled
Restrictions	Disallow autofill	Select/ unselect	Select	GOOG-11-010000	System auto fill: Configuration API: DISALLOW_AUTOFILL
Restrictions	Set auto (network) time required	Select/ unselect	Select	GOOG-11-010200	Configuration API: SetAutoTimeRequired – on Parent DISALLW_CONFIG_DATE_TIME – on User
Restrictions	Set input method to only default Keyboard	Select/ unselect	Select	GOOG-11-011000	Configuration API: setPermittedInputMethods
Restrictions	Set Private DNS Mode	Off, Automatic, Specified Host, Unknown	Select	Optional	Forces the use of DNS over TLS. Configuration API: setGlobalPrivateDnsModeOpportunistic() or setGlobalPrivateDnsModeSpecifiedHost()
Restrictions	CC Mode	Enable, Disable	Select	GOOG-11-011100	Configuration API: setCommonCriteriaModeEnabled

9