

UNCLASSIFIED



APPLE iOS 12 STIG CONFIGURATION TABLES

Version 1, Release 2

25 January 2019

Developed by Apple and DISA for the DoD

UNCLASSIFIED

LIST OF TABLES

	Page
Table 1: Non-Supervised Required Controls	1
Table 2: Non-Supervised Optional Controls.....	8
Table 3: Optional Supervised Controls.....	14

Table 1: Non-Supervised Required Controls

Policy Group	Policy Rule	Options	Required	Optional	Settings	Related Requirement Number	Comments
General – Security	Removal of configuration profile	- Always - Never - With Authentication	X		Never	AIOS-12-012000	Configuration Profile Key: PayloadRemovalDisallowed.
Passcode	Allow Simple Value	Enable/Disable	X		Disable	AIOS-12-000200	Simple value passcodes include repeating, ascending, and descending character sequences. Configuration Profile Key: allowSimple.
Passcode	Minimum passcode length	1–16	X		6	AIOS-12-000100	Configuration Profile Key: minLength.
Passcode	Maximum auto-lock	1–15, or None	X		1–5 recommended, 15 maximum allowable	AIOS-12-000300	Device automatically locks when minutes elapse. If maximum auto-lock equals 15, the grace period shall be set to “Immediately”. Configuration Profile Key: maxInactivity.

Policy Group	Policy Rule	Options	Required	Optional	Settings	Related Requirement Number	Comments
Passcode	Maximum grace period for device lock	- Immediately - 1 min - 5 min - 15 min - 1 hr - 4 hrs	X		15 minus value for maximum auto-lock time	AIOS-12-000300	Maximum amount of time device can be locked without prompting for passcode on unlock. If maximum auto-lock equals 15, the grace period must be set to "Immediately". Configuration Profile Key: maxGracePeriod.
Passcode	Maximum number of failed attempts	2–10	X		10	AIOS-12-000400	Configuration Profile Key: maxFailedAttempts.
Restrictions – Functionality	Allow voice dialing while device is locked	Enable/Disable	X		Disable	AIOS-12-001400	Configuration Profile Key: allowVoiceDialing.
Restrictions – Functionality	Allow Siri while device is locked	Enable/Disable	X		Disable	AIOS-12-001300	Configuration Profile Key: allowAssistantWhileLocked.
Restrictions – Functionality	Allow managed apps to store data in iCloud	Enable/Disable	X		Disable	AIOS-12-004600	Configuration Profile Key: allowManagedAppsCloudSync.
Restrictions – Functionality	Allow backup of enterprise books	Enable/Disable	X		Disable	AIOS-12-004700	Configuration Profile Key: allowEnterpriseBookBackup.
Restrictions – Functionality	Force encrypted backups	Enable/Disable	X		Enable	AIOS-12-010800	Configuration Profile Key: forceEncryptedBackup.

UNCLASSIFIED

Policy Group	Policy Rule	Options	Required	Optional	Settings	Related Requirement Number	Comments
Restrictions – Functionality	Force limited ad tracking	Enable/Disable	X		Enable	AIOS-12-010600	Configuration Profile Key: forceLimitAdTracking.
Restrictions – Functionality	Allow Trusting New Enterprise App Authors	Enable/Disable	X		Disable	AIOS-12-001000	Configuration Profile Key: allowEnterpriseAppTrust.
Restrictions – Functionality	Allow documents from managed sources in unmanaged destinations	Enable/Disable	X		Disable	AIOS-12-005600	Configuration Profile Key: allowOpenFromManagedToUnmanaged.
Restrictions – Functionality	Allow managed apps to write contacts to unmanaged contacts accounts	Enable/Disable	X		Disable	AIOS-12-012600	Configuration Profile Key: allowManagedToWriteUnmanagedContacts.
Restrictions – Functionality	Allow unmanaged apps to read contacts from managed contacts accounts	Enable/Disable	X		Disable	AIOS-12-012700	Configuration Profile Key: allowunmanagedToReadManagedContacts.
Restrictions – Functionality	Treat AirDrop as unmanaged destination	Enable/Disable	X		Enable	AIOS-12-011700	Configuration Profile Key: forceAirDropUnmanaged.
Restrictions – Functionality	Allow Handoff	Enable/Disable	X		Disable	AIOS-12-010900	Configuration Profile Key: allowActivityContinuation.

UNCLASSIFIED

Policy Group	Policy Rule	Options	Required	Optional	Settings	Related Requirement Number	Comments
Restrictions – Functionality	Allow sending diagnostic and usage data to Apple	Enable/Disable	X		Disable	AIOS-12-005800	Configuration Profile Key: allowDiagnosticSubmission.
Restrictions – Functionality	Force Apple Watch wrist detection	Enable/Disable	X		Enable	AIOS-12-012100	Configuration Profile Key: forceWatchWristDetection.
Restrictions – Functionality	Require passcode on first AirPlay pairing	Enable/Disable	X		Enable	AIOS-12-011100	Configuration Profile Key: forceAirPlayOutgoingRequestsPairingPassword.
Restrictions – Functionality	Show Notification Center in Lock screen	Enable/Disable	X		Disable	AIOS-12-001800	Configuration Profile Key: ShowInLockScreen.
Restrictions – Functionality	Show Today view in Lock screen	Enable/Disable	X		Disable	AIOS-12-001900	Configuration Profile Key: allowLockScreenTodayView.
Restrictions – Apps	Enable autofill	Enable/Disable	X		Disable	AIOS-12-010700	Configuration Profile Key: safariAllowAutoFill.
Exchange Active Sync	Use SSL	Enable/Disable	X		Enable	AIOS-12-011500	Configuration Profile Key: SSL.
Exchange Active Sync	Allow messages to be moved	Enable/Disable	X		Disable	AIOS-12-011600	Configuration Profile Key: PreventMove.
Exchange Active Sync	Allow MailDrop	Enable/Disable	X		Disable	AIOS-12-011200	Prevents users from using the iOS MailDrop feature.

Policy Group	Policy Rule	Options	Required	Optional	Settings	Related Requirement Number	Comments
MDM Server Option	App must be deleted when the MDM enrollment profile is removed	Enable/Disable	X		Enable	AIOS-12-008900	Must be configured on the MDM server for each managed app.
MDM Server Option	Allow backup in Managed Apps	Enable/Disable	X		Disable	AIOS-12-004000	Must be configured on the MDM server for each managed app.
Restrictions – Functionality	Allow iCloud backup	Enable/Disable	X	X	Disable	AIOS-12-004100	This requirement is Not Applicable if the AO has approved unrestricted download of unmanaged apps from the Apple App Store. Configuration Profile Key: allow CloudBackup.
Restrictions – Functionality	Allow iCloud Documents & Data	Enable/Disable	X	X	Disable	AIOS-12-004200	This requirement is Not Applicable if the AO has approved unrestricted download of unmanaged apps from the Apple App Store. Configuration Profile Key: allowCloudDocumentSync.

Policy Group	Policy Rule	Options	Required	Optional	Settings	Related Requirement Number	Comments
Restrictions – Functionality	Allow iCloud Keychain	Enable/Disable	X	X	Disable	AIOS-12-004300	This requirement is Not Applicable if the AO has approved unrestricted download of unmanaged apps from the Apple App Store. Configuration Profile Key: allowCloudKeychainSync.
Restrictions – Functionality	Allow Shared Albums	Enable/Disable	X	X	Disable	AIOS-12-011300	This requirement is Not Applicable if the AO has approved unrestricted download of unmanaged apps from the Apple App Store. Configuration Profile Key: allowSharedSteam.
Restrictions – Functionality	Allow iCloud Photos	Enable/Disable	X	X	Disable	AIOS-12-004500	This requirement is Not Applicable if the AO has approved unrestricted download of unmanaged apps from the Apple App Store. Configuration Profile Key: allowCloudPhotoLibrary.

Policy Group	Policy Rule	Options	Required	Optional	Settings	Related Requirement Number	Comments
Restrictions – Functionality	Allow My Photo Stream	Enable/Disable	X	X	Disable	AIOS-12-004400	This requirement is Not Applicable if the AO has approved unrestricted download of unmanaged apps from the Apple App Store. Configuration Profile Key: allowPhotoStream.

Table 2: Non-Supervised Optional Controls

Policy Group	Policy Rule	Options	Required	Optional	Settings	Related Requirement Number	Comments
Passcode	Require alphanumeric value	Enable/Disable		X	Disable		
Passcode	Minimum number of complex characters	1-4, --		X	--		
Passcode	Maximum passcode age	1-730, or None		X	None		
Passcode	Passcode history	1-50, or None		X	None		
Restrictions – Functionality	Allow use of camera	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow FaceTime	Enable/Disable		X	Enable		“Disable” is a non-default value.
Restrictions – Functionality	Allow screenshots and screen recording	Enable/Disable		X	Enable		Default
Restrictions – Functionality	Allow AirPlay and view Screen by Classroom	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow Siri	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow Siri Suggestions	Enable/Disable		X	Enable		

Policy Group	Policy Rule	Options	Required	Optional	Settings	Related Requirement Number	Comments
Restrictions – Functionality	Allow installing apps	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow in-app purchase	Enable/Disable		X	Enable		
Restrictions – Functionality	Require iTunes Store password for all purchases	Enable/Disable		X	Disable		
Restrictions – Functionality	Allow notes and highlights sync for enterprise books	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow automatic sync while roaming	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow users to accept untrusted TLS certificates	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow automatic updates to certificate trust settings	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow documents from unmanaged sources in managed destinations	Enable/Disable		X	Disable		

Policy Group	Policy Rule	Options	Required	Optional	Settings	Related Requirement Number	Comments
Restrictions – Functionality	Allow Touch ID/Face ID to unlock device	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow Wallet notifications in Lock screen	Enable/Disable		X	Enable		
Restrictions – Functionality	Show Control Center in Lock Screen	Enable/Disable		X	Enable		
Restrictions – Apps	Allow use of iTunes Store	Enable/Disable		X	Enable		
Restrictions – Apps	Allow adding Game Center friends	Enable/Disable		X	Disable		
Restrictions – Apps	Allow use of Safari	Enable/Disable		X	Enable		
Restrictions – Apps	Force fraud warning	Enable/Disable		X	Enable		
Restrictions – Apps	Enable JavaScript	Enable/Disable		X	Enable		
Restrictions – Apps	Block pop-ups	Enable/Disable		X	Enable		

Policy Group	Policy Rule	Options	Required	Optional	Settings	Related Requirement Number	Comments
Restrictions – Apps	Accept Cookies	- Never - From visited sites - Always		X	Always		
Restrictions – Media Content	Ratings region	- Australia - Canada - France - Germany - Ireland - Japan - New Zealand - United Kingdom - United States		X	United States		
Restrictions – Media Content	Allowed Content Ratings (Movies)	Varies by country		X	Allow All Movies		
Restrictions – Media Content	Allowed Content Ratings (TV Shows)	Varies by country		X	Allow All TV Shows		
Restrictions – Media Content	Allowed Content Ratings (Apps)	4+/9+/12+/17+		X	Allow All Apps		

Policy Group	Policy Rule	Options	Required	Optional	Settings	Related Requirement Number	Comments
Restrictions – Media Content	Allow playback of explicit music, podcasts, and iTunes U media	Enable/Disable		X	Disable		
Restrictions – Media Content	Allow explicit sexual content in iBooks Store	Enable/Disable		X	Disable		
Domains	Unmarked Email Domains	Add/Remove		X	Enterprise email domain		
Exchange Active Sync	Enable S/MIME	Enable/Disable		X	Enable		
Exchange Active Sync	Allow recent addresses to be synced	Enable/Disable		X	Enable		
Exchange Active Sync	Use only in Mail	Enable/Disable		X	Disable		Prevents third-party apps from sending messages using the Exchange email account.
Certificates	NA	NA		X	NA		It is not required to add certificates. If certificates are added, they must be DoD-approved certificates.
Managed Domains	Managed Safari Web Domains	Add/Remove		X	List of .mil domains		A configuration profile may be setup by listing DoD web domains (obtain a list of DoD

Policy Group	Policy Rule	Options	Required	Optional	Settings	Related Requirement Number	Comments
							domains from the DoD NIC at https://www.nic.mil).
NA	Wi-Fi Assist	Enable/Disable		X	Disable		User-Based Enforcement (UBE) control. User must implement configuration setting (Settings >> Cellular >> Wi-Fi Assist).

Table 3: Optional Supervised Controls

Policy Group	Policy Rule	Options	Required	Optional	Settings	Related Requirement Number	Comments
Restrictions – Functionality	Allow Classroom to perform AirPlay and View Screen without prompting	Enable/Disable		X	Disable		
Restrictions – Functionality	Allow AirDrop	Enable/Disable		X	Enable		This setting can be set in conjunction with treating AirDrop as unmanaged.
Restrictions – Functionality	Allow iMessage	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow Apple Music	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow Radio	Enable/Disable		X	Enable		
Restrictions – Functionality	Enable Siri Profanity Filter	Enable/Disable		X	Enable		
Restrictions – Functionality	Show User-Generated content in Siri	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow Apple Books	Enable/Disable		X	Enable		

Policy Group	Policy Rule	Options	Required	Optional	Settings	Related Requirement Number	Comments
Restrictions – Functionality	Allow installing apps using App Store	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow automatic app downloads	Enable/Disable		X	Disable		
Restrictions – Functionality	Allow removing apps	Enable/Disable		X	Disable		
Restrictions – Functionality	Allow removing system apps	Enable/Disable		X	Disable		
Restrictions – Functionality	Allow Erase All Content and Settings	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow Installing configuration profiles	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow adding VPN configurations	Enable/Disable		X	Enable		
Restrictions – Functionality	Force Automatic date and time	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow Classroom to lock to an app and lock the device without prompting	Enable/Disable		X	Enable		

UNCLASSIFIED

Policy Group	Policy Rule	Options	Required	Optional	Settings	Related Requirement Number	Comments
Restrictions – Functionality	Automatically join Classroom classes without prompting	Enable/Disable		X	Enable		
Restrictions – Functionality	Require teacher permission to leave Classroom unmanaged classes	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow modifying account settings	Enable/Disable		X	Disable		
Restrictions – Functionality	Allow modifying Bluetooth settings	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow modifying cellular data app settings	Enable/Disable		X	Disable		
Restrictions – Functionality	Allow modifying cellular plan settings	Enable/Disable		X	Disable		
Restrictions – Functionality	Allow modifying device name	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow modifying Find My Friends Settings	Enable/Disable		X	Disable		
Restrictions – Functionality	Allow modifying notifications settings	Enable/Disable		X	Disable		

Policy Group	Policy Rule	Options	Required	Optional	Settings	Related Requirement Number	Comments
Restrictions – Functionality	Allow modifying passcode	Enable/Disable		X	Disable		
Restrictions – Functionality	Allow modifying Touch ID fingerprints	Enable/Disable		X	Disable		
Restrictions – Functionality	Allow modifying Screen Time	Enable/Disable		X	Disable		
Restrictions – Functionality	Allow modifying restrictions	Enable/Disable		X	Disable		
Restrictions – Functionality	Allow modifying Wallpaper	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow USB accessories while device is locked	Enable/Disable		X	Disable		Enable prevents the device from connecting to a trusted USB accessory while locked until the device passcode is entered.
Restrictions – Functionality	Allow pairing with non-Configurator hosts	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow modifying diagnostics settings	Enable/Disable		X	Disable		

Policy Group	Policy Rule	Options	Required	Optional	Settings	Related Requirement Number	Comments
Restrictions – Functionality	Allow password Autofill	Enable/Disable		X	Disable		
Restrictions – Functionality	Require Face ID authentication before Autofill	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow pairing with Apple Watch	Enable/Disable		X	Enable (if approved by AO)		
Restrictions – Functionality	Join only Wi-Fi networks installed by a Wi-Fi payload	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow setting up new nearby devices	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow proximity based password sharing requests	Enable/Disable		X	Disable		
Restrictions – Functionality	Allow password sharing	Enable/Disable		X	Disable		
Restrictions – Functionality	Allow AirPrint	Enable/Disable		X	Enable		

Policy Group	Policy Rule	Options	Required	Optional	Settings	Related Requirement Number	Comments
Restrictions – Functionality	Allow discovery of AirPrint printers using iBeacons	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow storage of AirPrint credentials in Keychain	Enable/Disable		X	Enable		
Restrictions – Functionality	Disallow AirPrint to destinations with untrusted certificates	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow Predictive keyboard	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow keyboard shortcuts	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow auto correction	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow Spell Check	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow Define	Enable/Disable		X	Enable		
Restrictions – Functionality	Allow dictation	Enable/Disable		X	Enable		

UNCLASSIFIED

Policy Group	Policy Rule	Options	Required	Optional	Settings	Related Requirement Number	Comments
Restrictions – Functionality	Defer software updates for ___ days	value		X	AO defined value		
Restrictions – Apps	Allow use of News	Enable/Disable		X	Enable		
Restrictions – Apps	Allow use of Podcasts	Enable/Disable		X	Enable		
Restrictions – Apps	Allow use of Game Center	Enable/Disable		X	Disable		
Restrictions – Apps	Allow multiplayer gaming	Enable/Disable		X	Disable		
Restrictions – Apps	Restrict App Usage	-Allow all apps -Do not allow some apps -Only Allow some apps		X	Configure based on site policy		Add list of relevant apps.