Release Bulletin

IKARUS mobile.management - Server

Version 6.16.xx Release date 14.01.2025

Single Sign On (SSO) with 7P EMM

For a detailed guide on how to set up Single Sign On with our EMM solution, please refer to <u>HowTo –</u> <u>Single Sign On (SSO) with 7P EMM</u>.

iOS - New configuration "Notification settings"

With the release of 6.16.05 we now have a new configuration type named "Notification settings" which is to be used for Supervised iOS devices.

Depending on the OS version of the Supervised iOS device there are more or less compatible settings. The purpose of this notifications settings is to select one or multiple iOS apps, where you then preset how notifications should behave on these apps when notifications arrive to the device to these apps. When applied these settings are greyed out for the user and cannot be modified by the user. Example of a Notification settings configuration:

Notification settings		
General Main settings		
Application to be configured	74: 403 AEIM MDM elient (6:13.28) 2024 (sove 7.9 group, DispMdreCleert) Alsh fugie (dx.durikonglosen akultijasti) Glask Fautri Hernery Middle (construction/garater) Chrome braveter (user google (chromes kal) Chrome braveter (user google (chromes kal) Chrome braveter (user google (chromes kal) Chrome Cleert (construction) Chrome Cleert (construction) Microael R. Authentical (constructions) Microael R. Paterie (construction) Server3 (construction) Server	6
Allow notifications:	Yes	4
Time sensitive notifications:	No	1
Show in Lock Screen:	Yes	6
Show in Notification Center:	Yes	c
Show burners:	Yes	6
Banner style:	Persistent Barner	c
Sounds:	Yes	đ
Dadgen	705	d
Carplay	Yes	
Show previews on Look screen:	Always: Previews will be shown when the device is looked and asticoloid	et
Notification prouping on Lock acreem	Automatic: Group notifications into app-apecified groups	6

Example of an iOS device when this is applied to a selected app:

	al 🗢 💷
Protect Notification	ns
Allow Notifications	
ALWAYS DELIVER IMMED	DIATELY
Critical Alerts	
 Time-Sensitive Notifications 	
Critical alerts appear on t and play a sound even if a iPhone is muted.	he Lock Screen a Focus is on or
0100000	
ALERTS	
ALERTS	n Banners
ALERTS	n Banners

Note: Only one configuration of this type can be used at a time on a device. If a configuration is already applied and you want to apply a new or update the existing.

Then the old must be removed first before the new can become applied.

iOS - Accessibility settings in "Apple device configuration"

With this new configuration options you can pre-define settings with the iOS device of Settings -> Accessibility, with the purpose to easy the usage of the iOS user experience.

Like Increase text size or bold text and many other settings. When this config is applied to a device, this changes the Accessibility settings immediately.

Settings	C fack Display & Text Size			and side of	Charte Display & Text Size	
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	Button Shapes	20			Carger rear	
Notifications	OH/Off Labels	24		B Naticalians	Button scarbes	
Sounds				Sounds	OryOff Labers	
Focus	Reduce Transparency			C Focus	Beduce Transparency	
Screen Time	sequence contrast by reclucing transparency and blue on some tackgrounds to increase legibility		1 1	Screen Time	brgrove carriest by reducing and burs on some backgroun	toropartics do to excitab
General	Increase Contrast	(B)		C General	agents	
Control Centre	increase colour contrast behavior app foreground and tackground colours.	*	: :\	Control Centre	Increase Comment	
Display & Brights_		inv.	• • • \	and here as	The same is a second se	
Home Screen &	Differentiate Without Colour			Settings	C Accomologies Display & Text Give	
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& Gestures	with advertations.			C Score Tan	Larger Teet	or s
Accessibility	Prefer Horizontal Text	0			OrtOT Labors	0
	Dialer for iron at heat in terminant of	funt.		C come		-
Wallpaper	support write al test.			and the second se		

	****						-
Settings	C Accessibility Display & Yest Size				11-18 NO 10	Accessibility	
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Screen Time	Andaria Transportery				C Ferst	And Andrew	C4.8
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	Another of some in Spinsters and Albert Spinsters in				Wallet & Apple Pay	Sound Recognition	CH
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When you try to remove the config, the settings remain in the state of when the config was applied and will not return to default.

Certificate Expiration Notification

The EMM Server can now send an email notification for certificates or certain tokens that are about to expire. This can be especially useful for Apple Push and DEP and VPP tokens. [Global] -> Operations -> Scheduler Click on the "+" to add a new schedule and select "expiring_certificates_notification.php" from the dropdown menu "Schedules".

Job name			
Period start			
15.10.2024		15:17	
Run			
Once			Ŷ
Schedules			
expiring_certificates_	notification.pl	hp	*
A job that notif	fies about exp	iring certificates and to	kens.
Tenants			
00csv-import-group- 2022 Test Tenant 613test aibcoù_V5_5.07.0x ((RA)		
Email			
Select			
- Select - Apple Push Apple DEP Apple VPP			
Send reminder email da	iys before exp	iration	
			×
Send reminders abo	ut expired cert	tificates/tokens	
Language			
			×

Job name: Provide a name for the schedule, e.g. "Reminder about expiring certificates". Period start: Select the start of the scheduler run period.

Run: configure how often the schedule should run. We recommend to set it up to run once per day:

Reminder about expirir	ng certificates	3		
Period start				
15.10.2024	Ö	15:17		
Run				
Forever				~
Repeat				
Every ~	1		days	~
Schedules				
expiring certificates p	atification ph	D		~

Tenants: select the tenants that that should be checked for expired certificates/tokens.

Note: Multi-select is possible with CRTL or SHIFT keys.

Email: enter the email address where the reminder should be sent to. Multiple addresses can be set using comma as a separator.

Select: Select the certificates/tokens you would like to receive a reminder:

- Apple Push: a reminder for the Apple Push token
- Apple DEP: a reminder for the Apple DEP token
- Apple VPP: a reminder for the Apple VPP token
- Other certificates/tokens: a reminder for trust or identity certificates that have been uploaded to infrastructure -> certificates

Note: Multi-select is possible with CRTL or SHIFT keys.

Send reminder email days before expiration: select the notification period. Example: "30 days before" would send the notification email 30 days bevor a certificate/token expires.

Send reminders about expired certificates/tokens: by default, if selected, the email will also be sent if there are certificates/tokens that have already expired.

Language: Select the language for the email.

New eSIM options

1 Android eSIM actions

In 6.16 we now have the capability to activate eSIM on Android devices directly through the MDM platform. This new feature simplifies device provisioning and enhances the flexibility for managing mobile connectivity.

Administrators can now remotely activate and deactivate eSIM profiles on supported Android devices:

nventory	Details	Actions	History -	Installations *		
Action						•
Activate	eSIM				~	
Activation	code					
Switch	after activatio	n				
						Send

Inventory	Details	Actions	History *	Installations *		
Action						•
Deactivat	e eSIM				~	
					Ŷ	13 <u></u>
						Send

Prerequisites:

- A device running Android 15 Beta 2 or later and supports eSIM
- Valid eSIM activation code (Example: LPA:1\$RSP-0003.0BERTHUR.NET\$5XEHC-3W9E4-XIQ4F-EEBAR)
- MDM client 6.16.XX or higher

2 eSIM restriction

Administrators can now restrict users from adding, removing, or altering eSIM profiles on enrolled Android devices.

Restriction				
CAll Android CAll IOS C macOS			Ca	ncel Sav
General Hardware Device functionality	Connectivity	Contents	Applications	
Definition lookup.	022		~	6
Delay user visibility in software update:	00		v	¢
Device name modification:	-		*	đ
Dictation:)+::		*	đ
Erase All Content and Settings:	-		v	đ
eSIM modification:	-		×	* @ d
Factory Reset:	Deny		j.	
Firmware recovery.	Allow			Ð
Force authentication before autofill:	1772		~	6
Force automatic date and time:	23		v	¢.
Google account auto sync:	(H)		~	0
Handoff:	-		÷	Ġ
In app purchase:	1 1		~	
Installing profiles and certificates (this includes iOS beta updates):	-		~	6
100 Hedata anatush				

This new feature adds an extra layer of control, preventing unauthorized changes to eSIM settings and profiles, thus ensuring device security and compliance with organizational policies.

Android lock screen message configuration

It is now also possible to change the messages in the lock screen on Android devices. The display name of the organization can be used --> Asset tag information (black) And the footnote can be changed (red)

Lock screen message		_
All Android All iOS		2 💼
General		
* Name:	Lock screen message test	
Comment:		
Created:	2024-10-17 16:46:32	
Modified:	2024-10-17 18:12:02	
Show all:		
Hide empty:		
Main settings		
Asset tag information:	MDM Support	📌 🛋 😫
Lock screen footnote:	Have a nice day	



It is also possible to use different parameters such as user ID or device name.

Samsung - Enforce password change option

There is a new option in the Autolock configuration type called "Enforce password change":

Maximum allowed screen timeout:		* 10 0 4
Screen timeout:		•
Password:	no	•
Password restrictions		
Minimum length:	6	****
Password quality:	Numeric	****
Forbidden passwords.		8
Additional settings		
History buffer length:		****
Grace period:	None	∎X.
Password expiration time:		****
Maximum attempts:		****
Enforce multifactor authentication:	-	0
Enforce password change	yes	0
Fingerprint authentication:	-	****
iris authentication:	-	÷#0
Set pattern visibility	-	0

If a configuration is sent to a device with this option set to "yes", the device will prompt the user to set their password in accordance to the password policies defined in the Autolock configuration.

On the device a message will be shown and the lock type settings will be opened and cannot be closed:

12:50		* == 0	43%
Thu, 2	24 Oct		\$
?			0
D	evice control	Media outp	ut
6	Android System Change your lock Change your screen lo required by the securi	ock type. This i ty policy.	s
0	Please review. Some MDM policies h	nave bee	
	Notifica	tion settings	Clear
	No SIM No se	rvice	

2:50 ⋳	\$\$ \O 43%
Change your lock Cha	nge your screen lock
PIN Medium-high security	
Password High security	
Pattern Medium security	
Swipe No security	
None	
Biometrics	
Face	
Fingerprints	
	<

Note: It is important to keep in mind that this will prevent the user from utilizing other functions and apps until the lock code is set.

Therefore, applying the Autolock configuration automatically via an Operation should be done with caution to prevent locking you or the user out at an inconvenient time.

Start app in Kiosk mode

There is a new option in the Kiosk configuration type called "App on startup":

All Android All iOS			Cancel
General Main settings Applications	Options User enabled options		
ocked to application:	None		~ Ġ
App on startup:	7P MDM		~ 🚸
Browser.			0
Calendar:			0
Camera:			0
Contacts:			0
Email:			0
MMS:			0
Falk:			0
Definition of Kiosk app list:	Predefined application list	O Manual	*
Predefined application list:	Kiosk App List		~ <mark>%</mark>

The app will be started when

- the Kiosk configuration is applied to the device.
- the device is rebooted.
- the device is turned on after being previously turned off.

This feature requires Kiosk client version 6.16 or newer in order to work.

Android - New condition "Without reboot"

In Operations a new condition called "Without reboot" was added to the Device specific section:

onditions	?
Without reboot	•
1	
hours	
	Cancel OK

This condition can check for devices that haven't been rebooted for at least the entered amount of days or hours.

The relevant time stamp for the last reboot time of a device can be found in the device's inventory in Organization -> Users and devices:

iew device					
oogle Pixel	7A			C2* 0	
xogle, Android 15	Device Owner M	ode, Zero Touch, C	orporate		
Inventory	Details	Actions	History *	Installations -	
SIM Card					
Time and lo	ocation data				
Registration	date			08/05/2024	10:0
MDM started	1			08/05/2024	11:0
Last boot tim	né			21/10/2024	13:4
Last connect	lion			30/10/2024	12.5
Next connect	tion			30/10/2024	14:0
Current time				30/10/2024	12.5
Timezone	+1:00 (U				(UTC
Language					-
				A CONTRACTOR OF A CONTRACTOR OFTA CONTRACTOR O	

As the time of writing this article (30.10.24, 13:33) the device "Google Pixel 7A" was not rebooted for eight days. Therefore, if an operation with "Without reboot" condition aimed at devices that haven't been rebooted for at least eight days is created, the device will be included:

Name	Without subject for at laset 8 date	
	motour reador for an read o days	
Comment:		
Conditions	24 matching devices	+
Without re	iboot: B; days	
Actions		+
		-

Android - additional Details on the History-> Actions Tab

In the 6.16 Release we implemented the possibility for most actions that apply multiple of items to devices to also store and show the list of those items in the action history. This means if you use an operation that installs mandatory apps from an applist, you can now easily see which App triggered the operation to run. This shows up to five apps at the moment.

Operation	Action type	Details	Status	Resp	Last update	Adm
	Create short	CIFI	Wait		04/12/2024 11:43	
Install from Appli	Install applic	* Setup KSP, CIFI, Digital Phone,	Done		04/12/2024 11:44	
Install from Appli	Install applic	Edge, Google Chrome: Fast & Se	Done		04/12/2024 11:41	

When using a blacklist to uninstall/disable apps via an operation you can click on "Done" in the status to see details on which apps triggered the operation and were uninstalled/disabled.

lew device							
50370855907 amsung, Android 14	7898 I, Device Owner N	lode, KME, Co	porate, Knox 3.10			6. 0	C
Inventory	Details	Actions	History -	Installations *			
listory > Actions	1					Т	Filters
		me	Details	Status	Response	Last update	Adm
Operation	Action ty	he					
Operation BLT	Action ty Disable a	applicati		Done		04/12/2024 10:	31
Operation BLT Install from App	Disable a	applicati	Edge, MS Teams, W	Done /hatsAp Done]	04/12/2024 10: 04/12/2024 10:	31 28

Action status		- Install	trom Appli — Install application
Command description Created time	Executed time	Result code	Result description
com.google.android.pro04/12/2024 10:31 jection.gearhead	04/12/2024 10:31	0	1
com.android.chrome 04/12/2024 10:31	04/12/2024 10:31		
com.microsoft.teams 04/12/2024 10:31	04/12/2024 10:31		
com.whatsapp.w4b 04/12/2024 10:31	04/12/2024 10:31		