Release Bulletin

IKARUS mobile.management - Server

Version 6.14.xx Release date 18.06.2023

Apple Managed Device Attestation

We now support Apple Managed Device Attestation. The result can be seen on the inventory page of the Apple device:



Clicking on the button reveals further details about the attestation result:

nfo			1
4	Арр	ble Device Attestation certificate	
	This device This validat	has successfully passed the Apple Device Attestation check tes that the device' firmware and OS is valid and trust worthy	
Certificate de	tails:		
Name:			
Subject:			
Hach		Version: 2	
masn.			
Issuer:	("CN": "Apple Enterprise Atte	estation Sub CA 1", "O": "Apple Inc.", "C": "US")	
lssuer: Serialnumber	("CN": "Apple Enterprise Atte	estation Sub CA 1', 'O': 'Apple Inc.', 'C': 'US') Serialnumber hex:	

The Apple Managed Device Attestation replaces the Jailbreak detection, which will be removed from IKARUS mobile.management.

iOS Restriction for web distribution in the EU

iOS 17.5 introduces the distribution of apps through web pages in the EU. This can be prevented by the new restriction "Web Distribution in the EU", which can be found in the configuration type "Restriction" in the section "Applications".

Web Distribution in the EU:	Deny	~	Ś
		_	-

The restriction will only work with supervised iPhones.

Move active Android Enterprise devices between users

It is now possible to move devices with an active Android Enterprise account between users by changing the ownership and deleting the managed Google Play account on the device.

Important: This only works on Device Owner devices.

First, the ownership of the device needs to be changed from "Corporate" to "Private", so that IKARUS mobile.management does not try to activate the managed Google Play account again This is done by going to "Details" tab and editing the device entry:

liew device indroid Test mung, Android 14, Dance Danc	e Mode, Corporate.	1974 (M. 3) 8		
Inventory Details	Actions	History *	Installations +	
Contact and enrollmer	t information	6		
Errollment program			Nor	ne.
Android enrollment type			Device Owner Mod	30
Leave all system apps en	sbled		Yi	ės
Ownership			Corpora	0e
MDM ID				
Device name			Android Te	st
Phone number				
Email for enroliment			a constraint and a	i
Comment				
Activation parameters				
Download URL		https://r	ndmclient.net/download/	11
Activation PIN				0
This desire is Android 6/2	í.			

Set the ownership to "Private" and save the entry:

Edit device		
+ 0	Cancel	Save
Enrollment program		
None		
Android enrollment type		
Device Owner Made		
Leave all system apps enabled (Ownership	Used in QR code)	
Leave all system apps enabled (t Ownership Corporate	Used in QR code)	
Leave all system apps enabled (t Ownership Corporate Not defined	Used in QR code)	
Corporate Owner Adde Ownership Corporate Not defined Corporate Director	Used in QR code)	
Corporate Oviner Audoe Oviner	Used in QR code) Anarova ress	
Corporate Corporate Corporate Not defined Corporate Private Private	Used in QR code) Printing rest Email for enrollment	
Corporate Corporate Not defined Corporate Private Private	Used in QR code) Anturota ress Email for enrolment	

Now the managed Google Play account can be removed by navigating to Actions and selecting "Remove managed Google Play account" in "OS specific actions":

fiew device	
ndroid Test	2
amsung, Android 14, Device Dwner Mode, Private, Koce 2.9	
Inventory Details Actions History • Installations •	
ansany	•
7P MDM actions	0
OS sourcific actions	
GPS	
Turn on Turn off	
MDM	
Start Knox attentation Start SafetyNet attentation Start Play Integrity attentation	
Android enterprise	
Activate managed Google Play account Remove managed Google Play account	
Set Device Settings	
Select an action	~

If successfully executed, the "AE account support" in Inventory of the device should be cleared and no longer display the managed account data:

lew device	
indroid Test	C2* 🚺
msung, Android 14, Device Owner Mode, Private, Knox 3.9	
Inventory Details Actions History * Installations *	
ANNUMIN	teat men a determinant
Setup data	
MDM Status	Activate
7P MDM	6.13
Android Enterprise status	Managed dev
AE account support	
AE working environment	SUCC
Extended MDM support	SAFE4: LicenseAccep
Knox API version	
Push configuration	FCM (OK. Confirm

The device can now be moved to a different user. To activate the managed Google Play account again, the ownership needs to be changed back to "Corporate". This will automatically trigger the activation of the account.

An additional force connection might be needed to properly display the new account.

iOS Update pie chart in Dashboard

In Global view or local tenant inside Settings -> System -> Dashboard you can now enable an additional graphical view on OS update status on supervised iOS devices

	Check Point Harmony Mobile risk status
7	OS update status: iOS (supervised)
	Licenses
2	Expirations
	App licenses

When this is enabled, then inside your dashboard on either Global and/or tenant level is a new Pie chart overview of supervised iOS devices and their OS update status



Clicking on the numerical values in the table below the pie chart directs you to the new OS update status section within Reports as well into the report named iOS (supervised)

New report "iOS (supervised)"

There is a new report type in "OS update status" section called "iOS (supervised)", which shows the different update statuses:

Report type	iOS (supervised) (level 1/2,	6 items, 298 devices)	
befreetrieture	Schedule		Custom
Operations	School da this		+ 77 8
Configurations			
Certificates (infra)	Status	Affected devices	
Applications (infra)	Avaliable (not installable)	0	
Application list (infra) Managed licenses (VDD)	Update available	35	
DS update status	Update downloading	39	
Firmware	Update downloaded	64	
iOS (supervised)	Update in progress	22	
Monitoring	Updated	138	
Never connected			
Delayed			
Wiped			
Secure applications			
Insecure applications			
Devices at risk			
MDM Connection status			
Infected devices			
Blacklisted URLs			
Lost mode activated			
Outdated iOS apps	Division CON Division	Provide Physician 2 in 6 of 6 certains	
	Export as CSV Export to	Excel showing i to o or o enthes	

By selecting one of these statuses the devices where the OS update is in that status are displayed.

New Remote Support options

In 6.14.xx server we have in Global view within Settings -> Connections -> Remote support added following changes:

You can now choose which Remote support solution you are using as default in combination with our MDM solution.

UNUL.	None	
	BeyondTrust Remote Support	
	Samsung Knox Remote Support	
Remote support	TeamViewer Quick Support/Host	
Product:	None	Ŷ

With this choice you are able to benefit from these vendors remote support solution via a simple integration to MDM console.

If you choose:

- Beyond Trust Remote support, then you must define some server settings for your Remote support appliance, whereafter devices with the Beyond Trust Remote support app on will have a button for remote starting the support session via email or SMS.
- Knox Remote support, then on those Android devices where the Knox Remote support app is installed on appears 2 new buttons.

Representative console	
Launch application	Web console

- Launch application, which means MDM server sends a remote-start application command for the Knox Remote support app. This button ONLY works on Samsung devices. On non-Samsung devices the user must start the app on the device.
- Web console, which in a new browser tab opens the Samsung Knox portal for entering your Knox admin account, whereafter you enter the Samsung Knox Remote support web console.

Knox Remote Support	de consta e ante il manerante de la construction per la construcción de la construcción de la construcción de en en esta e las de las de las delse participantes de las de
antenningeri investo anta	
	L.
	Page Got In Covert Sullar

 TeamViewer Quick Support/Host, then you must secure that the TeamViewer Quicksupport app or TeamViewer Host app is installed on the device in advance. When this is done and MDM server can see this, then this Remote support option appears on the individual device within actions. From this web console you can access the TeamViewer web viewer console for remote supporting your devices with TeamViewer app on.



Allow users to decide the enrollment type for their device during KME enrollment

Inside Global view and Settings -> Android -> Knox Mobile Enrollment as well Settings -> Android -> Android Zero Touch Enrollment is a new Android Enrollment type available named "Let user decide".

Knox Mobile Enrollme	nt	C2*
Default ownership (for DO only):	Corporate	
Android enrollment type:	Let user decide	

This is available from server version 6.14.03 and requires the use of Android client 6.14.00 and higher and is available on Android devices from OS version 11 and up.

If this Android Enrollment type is selected in KME or Zero Touch and if a device is not pre-registered in MDM with it's serial number or IMEI number, then during KME/Zero Touch Enrollment, the user will be prompted if the device is going the be used for Only corporate purpose, which means it will become added to MDM server as DO mode or if it is for corporate and private usage, which will enroll the device in MDM server in WPCO mode.

Work	
This p	hone will be managed by your IT
Your d Ite any	ata won't be private and can be erased time.
	USE FOR WORK ONLY
Work	and personal
four wi	one data will be kept in a separate
Your wi profile. Your pe	rsonal data stays private
Your wi profile. Your pe	rsonal data stays private USE FOR WORK AND PERSONAL
Your wi arofile. Your pe	rsonal data stays private. USE FOR WORK AND PERSONAL
Your w arafile Your pe	rsonal data stays private USE FOR WORK AND PERSONAL

Important: Once a device has been added to server in either DO or WPCO mode, then what is registered in MDM server counts and will be the mode the device is enrolled to. If wrong choice is made, then wipe the device and erase the device in server. Then at next new KME/Zero Touch Enrollment the user will be prompted again and added to server in correct Enrollment type mode.

Note: Please also be aware of that the Activation JSON string this option gives inside *Settings ->* Android -> Knox Mobile Enrollment or Settings -> Android -> Zero Touch Enrollment is different than when using D0 or WPC0 mode. If you want to use "*Let User decide*" check that you are using the correct JSON activation string.

MDM Status Improvement

With 6.14 an improved MDM Status Popup for Android Devices was added.

er 🚺 o
samaung
SM-67806
31
35710776147750
android:164999538
ca206dBa4tBae850
Activated
6.13.01
Managed device
or-work gserviceaccount.com
success
SAFE4: LicenseAccepted
or

When you click on the MDM Status Button a popup shows the status of the push configuration, Android Enterprise Account Support and (if on a Samsung device) the Knox Status.

BUBICIÓN IDADANTIS		ACTIVITY OF		
CAT25606-4256033				Info
			OK	Push configuration:
			OK.	At account support.
Activity			OK	Rhoic .
0.13.0		100		
Managett device		the status		
	Status Success	AT account support		
AB/DB428A281DD0@wabitst.ter werk.gsvorusscopert.com	Name work 07550404F1804788A2 Type com google work			
ADFORTAZETDO@emboditer.exet.goootuscooper.com	Norme work 0755080471404708Ap Type: com geogle work	AE working environment		
ADTORERADEIDOQuestinet for well georgescourt.com Batter BAFEE Luistoch.com	Harrise, work 0755040911404798AD Type:.com.googile.work	AE working inviconment Extended MDM support		
ARTOREEAURIDOGENISISEE Inn werk georesiseecourt.com Barrow BAREK Linnsonkoopter 31	Marine: send 47500000F TROATONAD Type: com grogie work	AE working environment Extended MDM support Knock API version		

If any of the statuses for push configuration, Android Enterprise Account Support (and Knox if Samsung Device) is missing/ not properly activated, it is shown with a "!" on the MDM Status Button.

Device name	Android Tes
Platform	Androi
Manufacturer	samsun
Model	SM-G780
OS version	1
MDM ID	35710776147750
ActiveSync ID	androidc16499953
Android ID	1fdff5ed2220b79
7P MDM	6.13.0
7P MDM	6.13.0
Android Enterprise status	Managed devic
AE account support	Status: Success Name: work-9755D839F19D478BABFD862BA2B1DDg)androld-for-work.gserviceaccount.cor Type: com.google.work
AE working environment	succes
Extended MDM support	SAFE4: WaitingUserAcceptanc
Knox API version	3.
	ECM (DK, Confirmed

In this case you can click the button to see which part is not activated properly.

	Contraction in the second	
def	Hatform	antrai
	Atunutacturer	687642)
	Hickel	RACING.
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Burth monthly monthly in 191		837537701477338
Al annual second . Ok		sectorals localization
Maker Walting for activation		10/10ed23206/932
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	ACM/Tables TP MCM Andrase Entroprise data AL extransf segment AL exciting envisionment	Arrester K100 Kana Succes Name And Transform Houristication Artificiation Name And Transform Houristication Type Lans gauge work Kana Success
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Entra ID User sync now supports selection of groups

Our Entra ID user sync now supports to only sync users from selected Entra ID groups.

In Entra ID, the "Object ID" of a group can be copied using the button:

AG	Group	
Membership type	Assigned	0
Source	Cloud	D
Туре	Security	D
Object Id	3cd65642-15a5-4c3f-9347-e2159d26c3f2	D
Created at	3/2/2020, 3:53:43 PM	D

In IKARUS mobile.management, under [Tenant] - Settings - Connections - Directory services, where your Entra ID sync is configured, there is now a new field called "Group / Object ID filter":

Directory services	Cancel	Save
Directory service:	Entra ID / Microsoft Graph	v
Enrollment		
ID:		
User:	.onmicrosoft.com	
Name: Exchange Admin		
Re-enroll Clear		
Group / Object ID filter:	3cd65642-15a5-4c3f-9347-e2159d26c3f2	
Regular expression for		

Additional groups can be added with a comma (no space after comma):

Group / Object ID filter: 3cd65642-15a5-4c3f-9347-e2159d26c3f2,40b5f13e-1

Android KIOSK: Admin bypass for KIOSK mode

The KIOSK configuration now has the possibility to set a PIN to bypass the KIOSK mode:

Kiosk				
C All Andro	id 🛛 All iOS		Cancel	Save
General	Main settings	Applications	Options	
User enable	ed options			
Landscape b	ackground image:	O URL	C Uploaded file	*6
				*6
Enable Admin	n bypass for Kiosk	0		*6
moure.				

The PIN can be entered in the settings of the MDM Client on the device (requires MDM Client 6.14).

iOS: Lock screen footnote in Autolock configuration

We have added a new feature for iOS devices. Within the "Autolock" configuration you can now choose to display a unique lock screen footnote.

				Galicei	- 36	ve
General	Main settings	Password restrictions	Lock screen message	Additional settings		
Asset tag inf	ormation:				٥	1
Lock screen	footnote:				۵	

Autolock				
All Android All id	OS macOS		C.	Ū
General Main setti	ngs Password restrictions	Lock screen message	Additional settings	
Asset tag information:				ć
Lock screen footnote:	You	are using 7P EMM.		é

After entering your unique lock screen footnote and applying the autolock configuration, your footnote will be displayed on the lock screen of your device.



Modernization of GPS UI

When selecting the location record data in a device's inventory there is now a map directly integrated into the interface:

and active				
alaxy S20 Fi	E 5G			C2 🚺
amsung, Android	work profile 13, W	ork Profile On Com	npany Owned, KME, G	Corporate, Knox 3.9
Inventory	Details	Actions	History +	Installations +
SIM Card				
Time and lo	ocation data	i.		
Registration	date			29/12/2021 15
MDM started				29/12/2021 15
Last boot tim	ne -			
Last connect	ion			16/05/2024 09
Next connect	tion			16/05/2024 10
Current time				16/05/2024 09
Timezone				+2:00 (U
Language				Danish - Denm

By default, the map only shows a location pin for the currently selected location data:

tart date	End date	Mark only selected	
12.04.2023	16.05.2074 6	Reload	Streetwart to the state of the
© Timestamp (GMT+01:00,	Ber., I Latitude I Longitu I Altitude	© Speed © Accuracy © Admin	
Annual Streams	sector course and	- 41	· · ·
Station in case of	and interest of strends of strends of	100	The search of the second se
And I have	to be in the second	42	· · · · · · · · · · · · · · · · · · ·
		12	
2024-01-17 09:29:39	48.136101 11.554388 566.719727	0.0 11	
Sec. 18 8.4	A DEC TANK PLANE	40	the pt 3 - O
1000 1000	in the local division in the local division in the local division of the local divisiono	55	TALE AND
	the state of the state of the state of	41	
	TO SHARE THE PARTY AND INCOMES	42	
CONTRACTOR OF	NUMBER OF STREET	27	
	NUMBER COMMON PROPERTY.		
1 _ 40 41 42	1 44 _ 127		1
aport format: CSV	Export and keep all	- Execute	C Opentree Map to

Additionally, beside the default option "Mark only selected", two new options called "Mark selected + path" and "Mark all + path" can be selected from the drop-down menu.

While the first option will only display a location pin for the currently selected location data, the latter one will display a pin for all available entries.

art date	End date		Mark all + path	* •	M. States	Sample .	man 1/2 hours	-
12.04.2023	图 16.05.2024	8	Reload		E E		Section 1	112
Timestamp (GMT+01:00, I	Ber = Latitude = Longitu	_ = Altitude = Spe	ed © Accuracy © Admin	¥.	18 July 3	124	1- 700 100	
	distant inter					112/2	and a series	
	Actual Contract				1.5		Large TELE	
	A COMPANY OF THE OWNER			1	the		The have	1
	Real Property in second			155	11.000	0	一名三人	Laws .
124-01-17 09:29:39	48.136101 11.55438	S66.719727 0.0	11	3	194	and the second	same and and	a financial and
	And Address of the Address of	C Distribution of the	1	2	A -	The second second	The second	See.
Contraction of the local division of the loc	ALCONG LAND	C BROWNS IN	1	+	Et to	the street of	Participant ?	
	ALC: NO.	1. 10.0001 10.		-	Same and	and man		hereine .
	And strength of the state of			-	Other State	1- man	And the second	-
	and share to be a set of the set	a second to		-11		and the standard	and and the second	Area .
And in case of	and a subscription of the local division of	. IN ADDRESS TO .	8		And Andrew Provide State	Managements	The wind, The	Anna Labo
_ 40 41 42 4	3 44 127					The start	里沙しい	92
port format: CSV	Export and keep	al 🖓	Execute	0.12		many with course	Call and a state	satilities control

Both options will also show a path between all coordinates:

Favourite Apps

IKARUS Applications that are added under the infrastructure tab are now listed as "favourites" when using an "install application" command.

First, you must add the app in the infrastructure tab.

lpplications.			Application			
¢ //:	ndegeles 4	Ware Packages	7 +	Deuts Package		12° 🚺
D 14	Application	1 Tetart	1 Pathene			-
C) 14	(pr	Column 1		• •		
	etas Fact & Private Browser	1014		Table	64.	
D 80	ooftotes thatmens	-mind		18.	International Andreadores and International Conference and a	
1 00	adhotesTeat	2014	• •	0	ore Transa Deskindert	
C) 6m	ingle Chrome Fast & Smooth	titulue	** *	Salar.		
D lin	ogle Kalender	10 Mail	• . •	And and a second se	0.110	
C 68	sight these. Hotes and Lists	distat	• •	Adversion int assessment		
0 600 0	sogle Maps.	Statut	• •	Auto B continuence		
Cl 9#	man WAS Lamor Version	Tobé		or an		
10 KA	Adult mobile security	Cond	• •	1986 C		
13 10	eus Teolvina	0.64				
D 100	1 TP MDM Elisibier	0.64				
1 10	G Chirml	2004				

Then you should see it show up under "favourites" when using the "install application" command.

and had been been and the second				
T Bearch in avera	 (set) 	e	DEP: IPHONE 8 SPACE GRAY 64GB-ZDD	97 E
Colligner	28 4 8	O Lopand	Handle, Please B, 2017 H.7 B, 2019 - Yes, Generativ	
Username			eventary Details Actions Heating+ Installations+	
I Nachhane, Wimeme		0ř	Desc.	
] Teshai, Agentus		~ 08		
D Status Name	Model	Service status	Install application	
			Indexe Avenue Reader Call FCP Oneme or U.B. Devening See Expose Expose Sound Photo Sound Photo Net Table See	

Android: Factory reset protection status

There is new attribute in "Security" section in device's inventory called "Factory Reset":

lew device					
alaxy S20 FE	5G			C2	
amsung, Android v	work profile 13, W	ork Profile On Com	pany Owned, KME, (Corporate, Knox 3.9	
Inventory	Details	Actions	History *	Installations -	
SIM Card					
MNC					2
Roaming					
Is roaming					No
Security					
7P MDM pas	sword		Password	l is set Set new p	bassword
Security Acco	ess Gateway			N	Not blocked
Factory Rese	t				Allowed
Knox attestat	tion passed				Yes
SafetyNet att	estation pass	ed		U	nsupported
		head			

This attribute will show whether the factory reset of a device is currently allowed or if it is prohibited by a restriction in which the "Factory Reset" option was set to "Deny".

If that's the case, the value for the attribute will change to "Not allowed":

-				er 🚺		
Inventory	Details	Actions	History -	Installations -		
Battery					901	
Memory avai	lable					
RAM				47% (2.5 GB/5	5.4 GB	
Flash				96% (102.3 G8/106	.6 GB	
Memory card					N/7	
Security						
blue secure password			Password	l is set Set new pass	word	
Security Access Gateway				Not available		
Rooted					Ň	
-	t			Not a	llowe	
Factory Rese					-	