

Digital Learning Team

*embedding technologies in learning and teaching
to improve outcomes for all learners*



Meraki

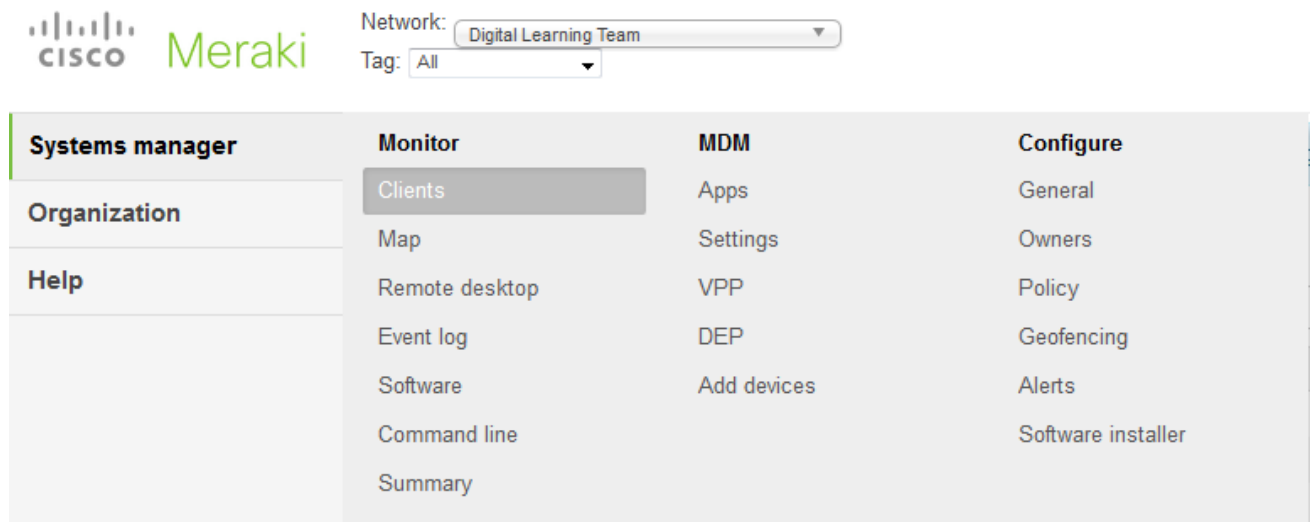
1. Tags
2. Profiles
3. Passcodes
4. Restrictions
5. Removal Policy

Meraki is Edinburgh Council's Mobile Device Management system. As part of the ICT audit all schools are required to have their mobile devices enrolled on Meraki.

1. Tags

Create two profiles created and applied to iPads. Profiles must include restrictions and passcodes which should be pushed out via Meraki.

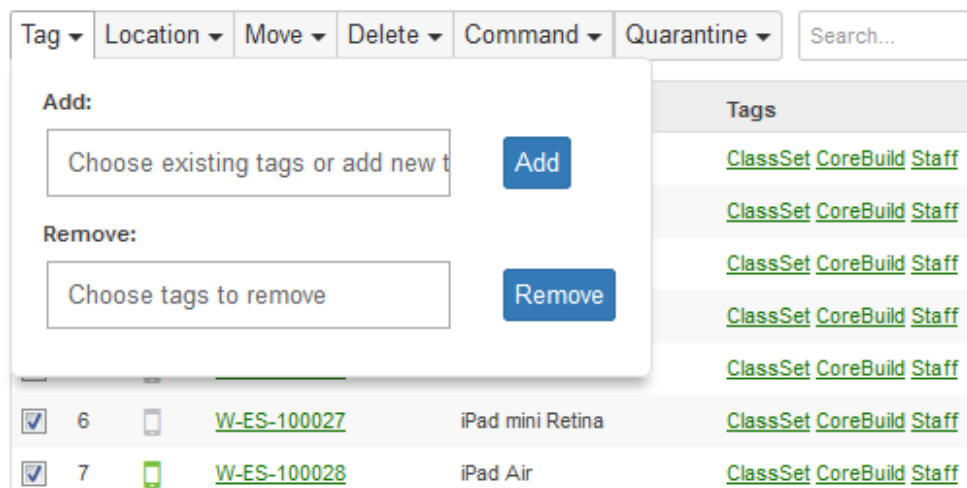
Before creating profiles ensure that you have tagged your iPad either 'staff' or 'pupil'. You can add tags in the client view.



The screenshot shows the Meraki Systems Manager interface. At the top left is the Cisco Meraki logo. To the right, there are two dropdown menus: 'Network: Digital Learning Team' and 'Tag: All'. Below this is a navigation menu with four main sections: 'Systems manager', 'Monitor', 'MDM', and 'Configure'. Under 'Systems manager' are 'Organization' and 'Help'. Under 'Monitor' are 'Clients', 'Map', 'Remote desktop', 'Event log', 'Software', 'Command line', and 'Summary'. Under 'MDM' are 'Apps', 'Settings', 'VPP', 'DEP', and 'Add devices'. Under 'Configure' are 'General', 'Owners', 'Policy', 'Geofencing', 'Alerts', and 'Software installer'.

Select the iPads you wish to tag and then select tag and create labels for them. An iPad can have multiple tags, e.g. 'P7' which can be used for sending out apps. Apps can also be sent to the 'pupil' or 'staff' tag.

Client list



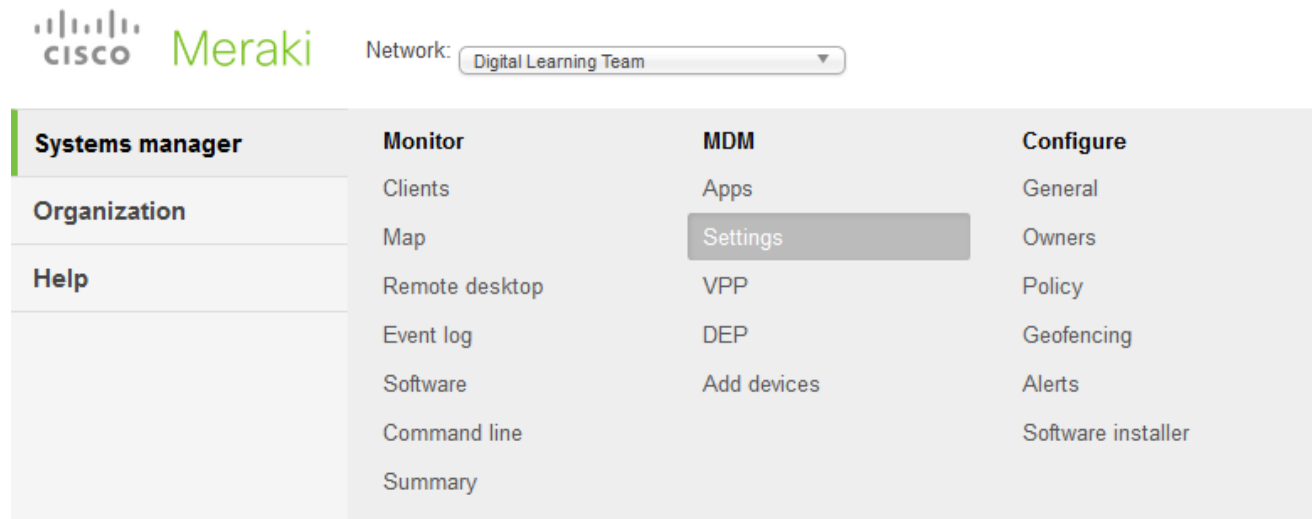
The screenshot shows the Meraki Client list interface. At the top, there are several dropdown menus: 'Tag', 'Location', 'Move', 'Delete', 'Command', and 'Quarantine', followed by a 'Search...' input field. Below this is a modal window for adding and removing tags. The modal has two sections: 'Add:' and 'Remove:'. The 'Add:' section has a text input field with the placeholder 'Choose existing tags or add new t' and an 'Add' button. The 'Remove:' section has a text input field with the placeholder 'Choose tags to remove' and a 'Remove' button. To the right of the modal is a 'Tags' section with a list of tags: 'ClassSet', 'CoreBuild', and 'Staff'. Below the modal is a table of clients. The table has columns for a checkbox, a number, a device icon, a device ID, a device name, and a list of tags. The first row shows a checked checkbox, the number 6, an iPad icon, the ID 'W-ES-100027', the name 'iPad mini Retina', and the tags 'ClassSet', 'CoreBuild', and 'Staff'. The second row shows a checked checkbox, the number 7, an iPad icon, the ID 'W-ES-100028', the name 'iPad Air', and the tags 'ClassSet', 'CoreBuild', and 'Staff'.

Tag	Location	Move	Delete	Command	Quarantine	Search...
<input checked="" type="checkbox"/>	6		W-ES-100027	iPad mini Retina	ClassSet CoreBuild Staff	
<input checked="" type="checkbox"/>	7		W-ES-100028	iPad Air	ClassSet CoreBuild Staff	

2. Profiles

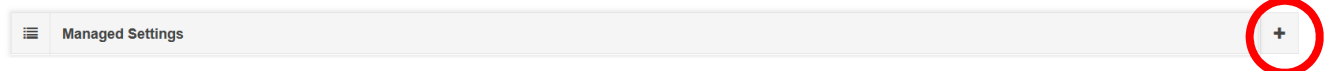
Creating a profile

Go into the MDM Settings from the 'Systems Manager' tab.

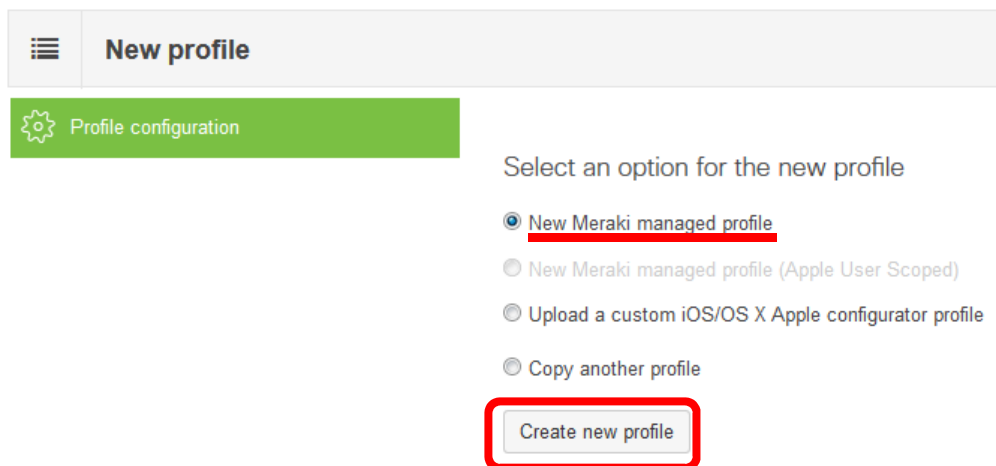


Click on the + next to 'Managed Settings'

Profiles & settings



Choose 'New Meraki managed profile', then click on 'Create new profile'



















Name your profile 'pupil' or 'staff' and set the Scope to 'with ANY of the following tags'. Now select the appropriate tags.

Type	Meraki managed profile
Name	<input type="text" value="Pupil"/> <small>The name that will be shown to users</small>
Description	<input type="text"/> <small>Optional</small>
Removal Policy ⓘ	<input type="text" value="Allow users to remove this profile"/>
Scope	Apply to devices: <input type="text" value="with ANY of the following tags"/>
Device tags	<input type="text" value="Select some tags"/> <small>Device type, Client tags</small>
Policy tags	Configure policy tags <small>Security policy, Geofencing, Schedule tags</small>
User tags	Configure user tags <small>Owner, Active Directory tags</small>
Installation info	
Remove	<input type="button" value="Delete this profile"/>

3. Passcodes

Once in the profile click on 'Add Settings' and choose 'Passcode'.

Profile configuration

 Restrictions 	 Privacy 	 Passcode 	 AirPlay 
 Samsung KNOX 	 ActiveSync 	 Credential 	 Web Clip 

Set the following restrictions for passcodes for both staff and pupil iPads

Strength Allow simple value
Permit the use of repeating, ascending, and descending character sequences
 Require alphanumeric value
Require passcodes to contain at least one letter

Minimum length 8
Smallest number of passcode characters allowed

Minimum number of complex characters --
Smallest number of non-alphanumeric characters allowed

Maximum passcode age
Days after which passcode must be changed (1-730 days, or none)

Auto-Lock Never
Maximum allowed auto-lock value. Supported values: 2/5/10/15/never for iPads, 1-5/never for iPhones. For OS X this value translates to screensaver timeout.

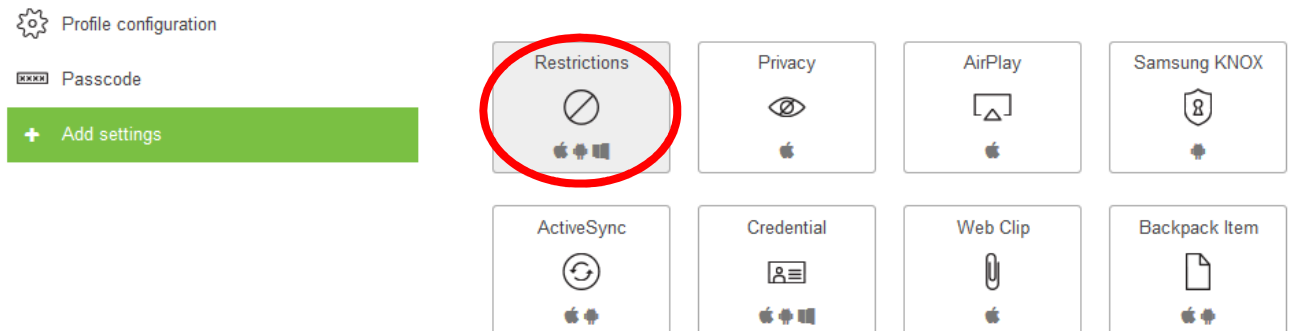
Passcode history
Number of unique passcodes before reuse (1-50, or none). (iOS only)

Grace period for device lock None
Amount of time the device can be locked without prompting for the passcode on unlock. (iOS Only)

Maximum number of failed attempts --
Number of passcode entry attempts allowed before all data on device will be erased

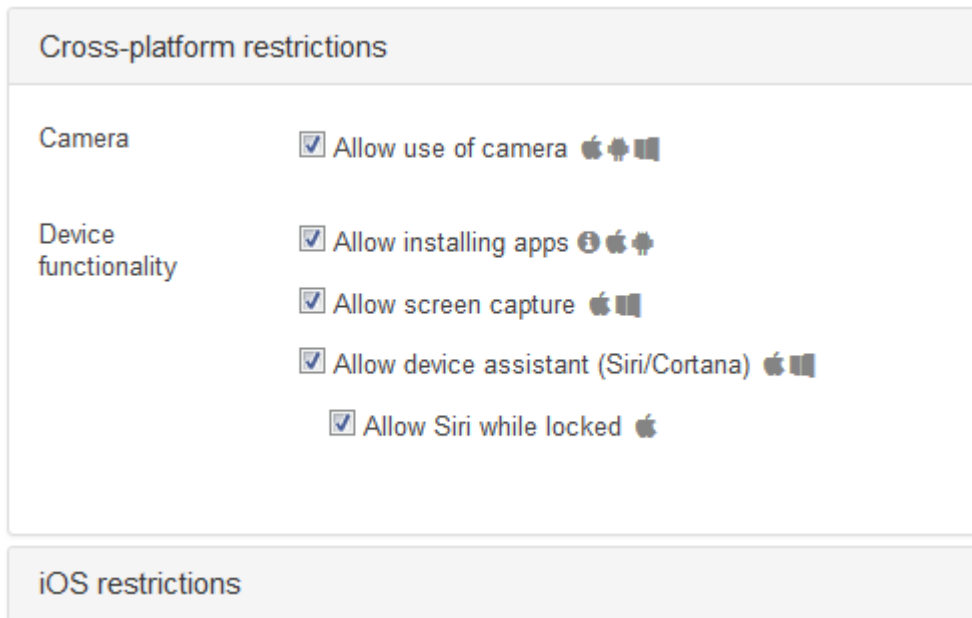
4. Restrictions

Click on 'Add Settings' and choose 'Restrictions'



Set 'Cross-platform' and 'iOS restrictions'.

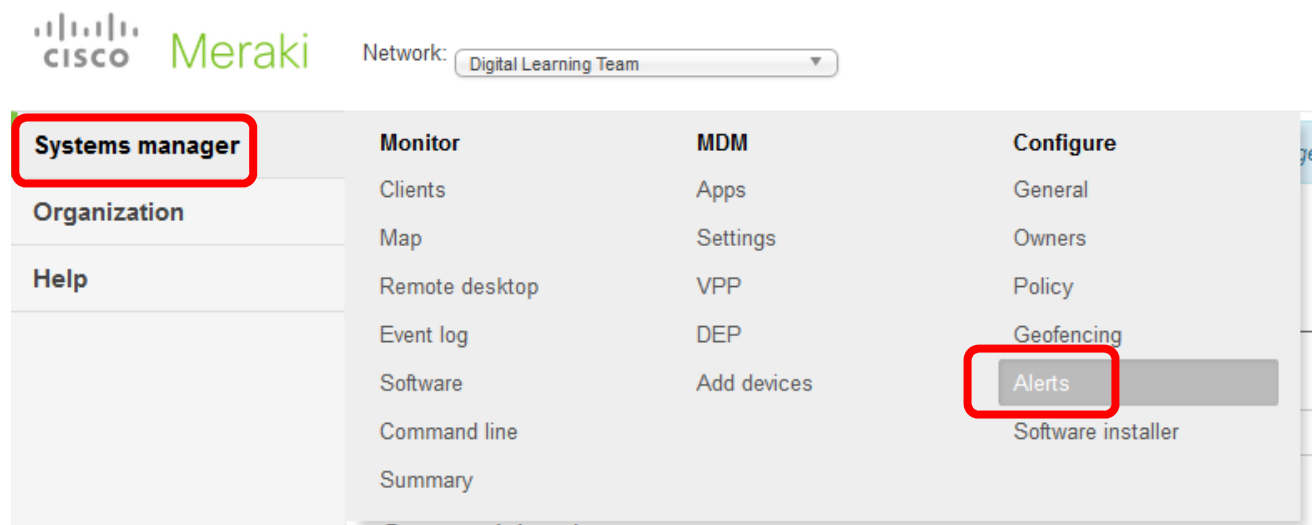
In the free version of Meraki supervised restrictions cannot be applied.



Please see the Digital Learning Team website for suggested restriction settings.

5. Removal Policy

Within the free version of Meraki profiles can now be removed by users by deleting the app/deleting the profile within the settings on the iPad. *You can set an alert to notify you if a user removes the profile.*



Tick the box to receive an alert.

Mobile device management

Enabled alerts

Send an email alert if:

- Meraki Management profile is removed