



## IGEL UMS Web App



The IGEL Universal Management Suite (UMS) Web App is a web-based user interface to the UMS Server. The installation of the UMS Web App is handled via the UMS installer, see [Installing a UMS server](#)(see page 2).

- ⚠** The UMS Web App can currently be used only in addition to the Java-based UMS Console. Some features are currently available only in the UMS Web App, others – only in the UMS Console; see the feature matrix under Overview of the IGEL UMS.
- The range of functions available in the UMS Web App will constantly be expanded.  
All features that are already available in the UMS Web App are fully supported.

The main features of the UMS Web App include:

- managing device configuration and creating profiles
- shadowing of devices and various device commands (power control, update, sending/receiving settings, reset to factory defaults, etc.)
- assigning objects to devices and device directories
- importing and managing IGEL OS Apps and their versions
- monitoring the status of the UMS network
- configurable search functionality
- logging of actions performed in the UMS Web App

The UMS Web App and the UMS Console share the same database, user rights, and certificates.

- ⓘ** Changes made in the UMS Console are immediately available in the UMS Web App, and vice versa. They are searchable after the next reindexing, which is executed every hour.

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## Basic Overview of the IGEL UMS Web App

The following article provides general information on the features implemented in the IGEL Universal Management Suite (UMS) Web App.

- ⓘ The UMS Web App can currently be used only in addition to the Java-based UMS Console. Some features are currently available only in the UMS Web App, others – only in the UMS Console; see the feature matrix under Overview of the IGEL UMS.  
The range of functions available in the UMS Web App will constantly be expanded.  
All features that are already available in the UMS Web App are fully supported.

## Devices

Under **Devices**, you can view all devices registered on the UMS Server and their details. Here, you can perform various device commands, assign objects to your devices, and edit device configuration.

## Basic Overview of the IGEL UMS Web App



The screenshot displays two main sections of the IGEL UMS Web App:

- Directory Level:** This section shows the directory structure. A red box labeled "1" highlights the "Devices (1)" section in the left sidebar. A red box labeled "2" highlights the "RD" device entry in the main list. The right panel shows the "Properties" and "Assigned Objects" tabs for the selected device. Red numbers 3A and 4 are overlaid on the right panel.
- Device Level:** This section shows the properties of a specific device. A red box labeled "1" highlights the "Devices (1)" section in the left sidebar. A red box labeled "2" highlights the "ITC0050569356CB" device entry in the main list. The right panel shows the "Properties" tab with detailed device information and the "System Information" tab. Red numbers 3B and 4 are overlaid on the right panel.

1	Directory Tree	Shows all created directories. <ul style="list-style-type: none"> <li>Creating new directories</li> <li>Renaming directories</li> <li>Deleting empty directories</li> <li>Moving directories: drag &amp; drop or [Ctrl + X], [Ctrl + V]</li> <li>Copying directories: [Ctrl] + drag &amp; drop or [Ctrl + C], [Ctrl + V]</li> <li>Moving devices to another directory: drag &amp; drop</li> <li>Bulk actions (for all devices in the selected directory)</li> </ul>
2	Device list	Shows all devices directly contained in the directory selected in the <b>Directory Tree</b> . <ul style="list-style-type: none"> <li>Paging for the navigation in the device list</li> </ul>



		<ul style="list-style-type: none"> <li>Defining the number of devices to be displayed on one page</li> <li>Filtering devices by <b>Name, Product ID, Unit ID, Version, and IP Address</b></li> <li>Sorting devices by <b>Name, Product ID, Unit ID, Version, and IP Address</b></li> </ul>
3A	Directory information	<p>Shows details and assigned objects for the directory selected in the <b>Directory Tree</b>.</p> <ul style="list-style-type: none"> <li>Filtering the assigned objects by the object type, direct / indirect type of assignment, free text entry</li> <li>Detaching directly assigned objects</li> </ul>
3B	Device information	<p>Shows details for the device selected in the device list.</p> <ul style="list-style-type: none"> <li>The status of the device (online, offline, unknown)</li> <li>Renaming the device</li> <li>(Advanced) system information           <ul style="list-style-type: none"> <li>Adding / editing / deleting customizable system information, incl. device attributes</li> </ul> </li> <li>Assigned objects           <ul style="list-style-type: none"> <li>Filtering the assigned objects by the object type, direct / indirect type of assignment, free text entry</li> <li>Detaching directly assigned objects</li> <li>Jumping to the assigned object</li> </ul> </li> <li>License information, user login history, network adapter</li> <li>Installed apps (for IGEL OS 12 devices)</li> </ul>
4	Device commands	<p>Executed for the selected individual directory / device.</p> <ul style="list-style-type: none"> <li>Power control commands</li> <li>Shadowing (VNC)</li> <li>Updating, sending / receiving settings, etc.</li> <li>Assigning objects, e.g. profiles, files, etc.</li> <li>Editing configuration</li> </ul>

## Configuration

Under **Configuration**, you can create and edit profiles for IGEL OS 11 and IGEL OS 12 devices.

## Basic Overview of the IGEL UMS Web App



The image consists of two vertically stacked screenshots of the IGEL UMS Web App. Both screenshots show the same basic layout with a navigation bar at the top and a configuration tree on the left.

**Top Screenshot (Directory Level):**

- Configuration Tree:** Shows the 'Profiles' section with 'IGEL OS 11 (3)', 'IGEL OS 12 (4)', and 'Priority Profiles (1)'. A red box highlights the 'Chromium (2)' entry under 'IGEL OS 12 (4) Apps (3)'.
- Content Area:** Shows the 'Chromium' directory structure. A red box highlights the 'Chromium Session' profile.
- Properties Panel:** Shows the properties for the selected 'Chromium Session' profile, including Name: Chromium, Directory Path: Profiles / IGEL OS 12 / Apps / Chromium, and Number of contained profiles: 2. A red box highlights the number '2'.

**Bottom Screenshot (Profile Level):**

- Configuration Tree:** Shows the same 'Profiles' section as the top screenshot, with a red box highlighting the 'Chromium (2)' entry under 'IGEL OS 12 (4)'.
- Content Area:** Shows the 'Chromium Session' profile details. A red box highlights the 'Chromium Session' entry.
- Properties Panel:** Shows the properties for the 'Chromium Session' profile, including Name: Chromium Session, Directory Path: Profiles / IGEL OS 12 / Apps / Chromium, and Id: 3512. A red box highlights the 'Id' value '3512'.
- Activated Settings Table:** Displays a table of activated settings with columns: Key, Display name, and Value. The table includes rows for app.chromium.chromiumglobal.app.block\_popups, app.chromium.chromiumglobal.app.homepage, app.chromium.chromiumglobal.app.start\_maximized, and app.chromium.sessions.chromium1.name. A red box highlights the table header 'Activated Settings'.

1	Configuration Tree	Shows all created profile directories and subdirectories. <ul style="list-style-type: none"> <li>Creating profiles</li> <li>Creating new directories</li> <li>Renaming directories</li> <li>Deleting empty directories</li> <li>Moving directories: drag &amp; drop or [Ctrl + X], [Ctrl + V]</li> <li>Moving profiles to another directory: drag &amp; drop</li> </ul>
2	Profile list	Shows all profiles contained in the directory selected in the <b>Configuration Tree</b> . <ul style="list-style-type: none"> <li>Paging for the navigation in the profile list</li> <li>Defining the number of profiles to be displayed on one page</li> <li>Filtering profiles by <b>Name</b> and <b>Version</b></li> <li>Sorting profiles by <b>Name</b> and <b>Version</b></li> </ul>



3	Directory information	Shows details for the directory selected in the <b>Configuration Tree</b> .
4	Profile information	<p>Details for the profile selected in the profile list</p> <ul style="list-style-type: none"> <li>Editing profile properties, e.g. profile name, firmware version it is based on (for OS 11 devices only), etc.</li> </ul>
5	Activated Settings	Shows all configuration settings activated in the selected profile.
	Template Key Relation	Shows template keys used in the profile.
	Contained Files	<p>Shows all files assigned to the selected profile.</p> <ul style="list-style-type: none"> <li>Quick assignment of the file to the selected profile (To use the feature, you should already know the file name or its part.)</li> <li>Detaching assigned files from the profile</li> </ul>
	Assigned Devices	<p>Shows all devices the selected profile is assigned to.</p> <ul style="list-style-type: none"> <li>Quick assignment of the device / device directory to the selected profile (To use the feature, you should already know the name of the device / device directory or its part.)</li> <li>Detaching the device / device directory from the profile</li> <li>Jumping to the assigned device / device directory</li> </ul>
6	Edit Configuration	Allows you to edit configuration parameters for the selected profile.

## Apps

Under **Apps**, you can manage apps for IGEL OS 12 devices.



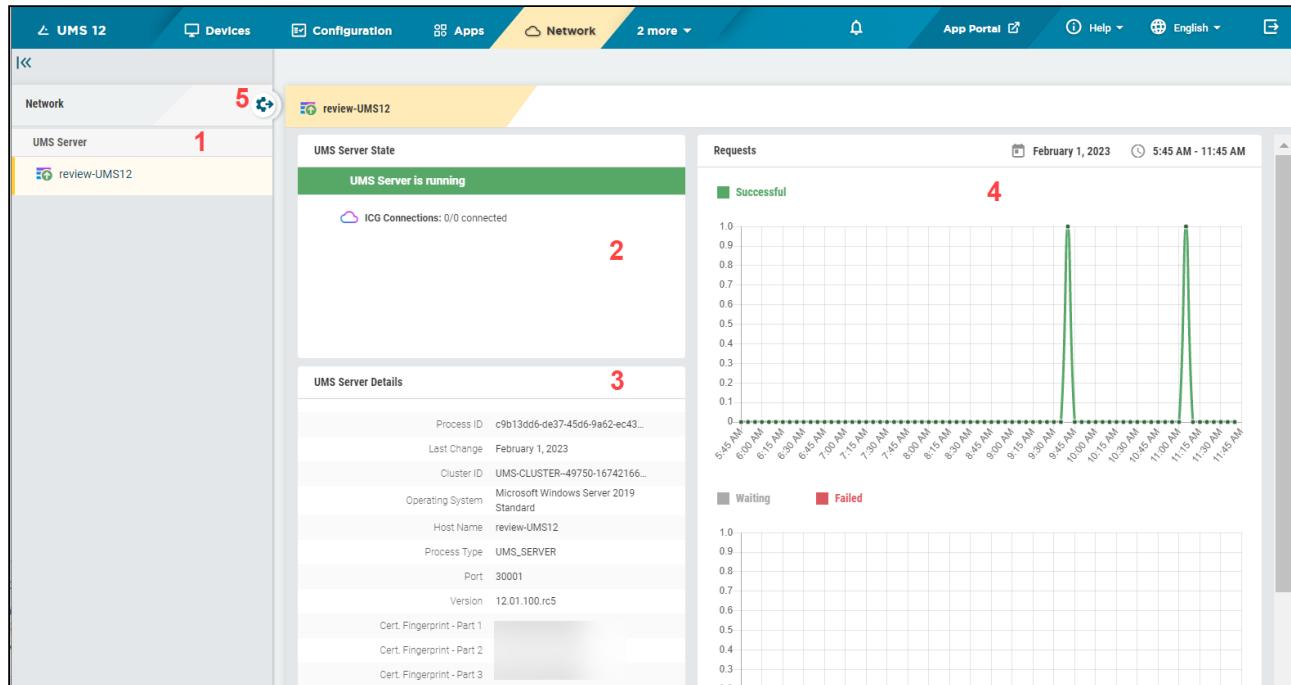
1	App categories	Shows all available app categories.
2	App list	<p>Shows apps contained in the selected category.</p> <ul style="list-style-type: none"> <li>Paging for the navigation in the app list</li> <li>Defining the number of apps to be displayed on one page</li> <li>Filtering apps by <b>Name</b></li> <li>Sorting apps by <b>Name</b></li> </ul>
3	Commands	<ul style="list-style-type: none"> <li>Creating profiles for the selected app</li> <li>Setting a Default Version for the selected app</li> <li>Deleting the app</li> </ul>
4	App information	Details for the app selected in the app list, e.g. newest imported version, the selected default version
5	Update Settings	Defines update settings for the app selected in the app list.
6	Versions	<p>Shows information on all available versions of the app</p> <ul style="list-style-type: none"> <li>Deleting unused app versions</li> <li>Accepting the EULA</li> </ul>
	Assigned Devices	<p>Shows all devices / device directories to which the selected app is assigned.</p> <ul style="list-style-type: none"> <li>Detaching the device / device directory from the app</li> <li>Jumping to the assigned device / device directory</li> </ul>



7	Settings	Configures global settings for the app updates, e.g. from where the devices should download the apps – from the UMS or the App Portal.
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## Network

Under **Network**, you can find information on all connected UMS Servers, UMS Load Balancers, and IGEL Cloud Gateways. If you use IGEL Onboarding Service (OBS) to register IGEL OS 12 devices, you can also find here the OBS Routing details.



1	List of all available UMS Servers / UMS Load Balancers / IGEL Cloud Gateways (ICG)
2	<ul style="list-style-type: none"> <li>Status of the selected UMS Server / UMS Load Balancer / IGEL Cloud Gateway (running, not running, etc.)</li> <li>Status of UMS Server / ICG connections (connected, disconnected, unknown)</li> <li>Number of currently connected devices (only for the ICG)</li> </ul>
3	Details for the selected UMS Server / UMS Load Balancer / IGEL Cloud Gateway
4	Statistics for the device requests
5	Opens the <b>Settings</b> area



## Search

Under **Search**, you can search for IGEL OS devices according to the selected parameters and export the search results.

The screenshot illustrates the IGEL UMS Web App's search functionality. At the top, there are two tabs: 'Table View' (selected) and 'Card View'. The search results table has five numbered callouts:

- 1**: Configurable search mask (Search parameters dropdown).
- 2**: Configurable search result list (Sort and filter controls).
- 3**: Export Data button.
- 4**: Showing results for: Product ID: 'UD3'.
- 5**: Table View / Card View switch.

The bottom section shows a detailed view of a selected device ('td-RD02') with the following details:

- Properties:** Shadow, Assign object, Reboot.
- Custom Properties:** Department (DeviceAttribute\_Subdepartments), Technical Documentation (KB).
- System Information:** Battery Level, CPU Speed (MHz) 2400, CPU Type AMD GX-424CC SOC with Radeon(TM) R5E Graphics.
- Licenses:**
- Assigned Objects:**

1	Configurable search mask	<ul style="list-style-type: none"> <li>Adding/removing search parameters.</li> <li>Search criteria are linked with logical AND.</li> <li>The last search configuration is saved.</li> </ul>
2	Configurable search result list	<ul style="list-style-type: none"> <li>Selecting device properties to be displayed by adding / removing columns (<b>Table View</b>)</li> <li>Sorting devices</li> <li>Paging</li> </ul>
3	Export Data	Exporting search results in a CSV format



4	Search tags	Show the search parameter values specified in the search mask
5	Table View	<p>The devices found are presented in the table form.</p> <ul style="list-style-type: none"> <li>• Adding / removing columns</li> <li>• Paging for the navigation in the search result list</li> <li>• Defining the number of devices to be displayed on one page</li> <li>• Sorting within any selected column</li> </ul>
	Card View	<p>The devices found are presented in the card form.</p> <ul style="list-style-type: none"> <li>• Collapsible / expandable device cards</li> <li>• Paging for the navigation in the search result list</li> <li>• Defining the number of devices to be displayed on one page</li> <li>• Sorting devices by <b>Name, Product ID, Unit ID, Version, and IP Address</b></li> </ul> <p>For each selected device, device information and device commands are shown.</p>

## Logging

Under **Logging**, you can find logs for the UMS Web App.

The screenshot shows the IGEL UMS 6 web application interface with the 'LOGGING' tab selected. The top navigation bar includes links for SEARCH, DEVICES, NETWORK, LOGGING, Help, and English. A search bar on the left contains the text 'Nov 1, 2020 - Nov 4, 2020'. The main area displays a table of log entries with the following columns: Logtime, Username, Severity, Category, Action, Name of the Affected Object, Message, and Origin. The table shows several log entries, such as 'Device: assign / detach template ... td-RD02' and 'Template value Language EN wa... Webapp'. The table has a total of 20 entries, with the current view being page 1 of 8. A 'Clear data' button is visible at the top right of the table.

1	Configurable search mask	<ul style="list-style-type: none"> <li>• Adding/removing parameters for log searching.</li> <li>• Search criteria are linked with logical AND.</li> <li>• The last search configuration is saved.</li> </ul>
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2	Search tags	Show the search parameter values specified in the search mask
3	Log list	Shows log messages for the actions performed in the UMS Web App. <ul style="list-style-type: none"><li>• Paging for the navigation in the log list</li><li>• Defining the number of log messages to be displayed on one page</li><li>• Sorting within any selected column</li><li>• Tooltips for detailed information</li></ul>
4	Clear data	Deletes log messages

## Messages

Under **Messages** , you can view the current state and the results of the device commands and of other actions such as the import of IGEL OS Apps, etc.

The messages are automatically deleted at the reloading of the UMS Web App page in the browser.

► Click a message to view details.

- A successfully executed command is marked with .
- A failed command is marked with a warning symbol .
- A partially failed command is marked with a warning symbol .



The screenshot shows the 'Messages' section of the IGEL UMS Web App. The interface includes a top navigation bar with tabs for 'Apps', 'Network', 'Logging', and 'Search'. A notification icon in the top right corner shows '1' notification. The main area displays a list of messages with columns for 'Time', 'Description', and 'State'. One message is selected, indicated by a cursor icon. A red box highlights the entire list of messages, and a red arrow points to the 'Edit Configuration' button for the selected message.

Time	Description	State
Jan 20, 2023, 2:45:17 PM	Send settings to device	Triggered
Jan 20, 2023, 2:44:20 PM	Reboot device	Done
Jan 20, 2023, 2:44:04 PM	Send settings to UMS	Done

Time	Description	Unit Id	Device Name	State
Jan 20, 2023, 2:44:04 PM	Send settings to UMS	0050569356CB	ITC0050569356CB	Done

## Other Options Available in the Menu Bar

	Opens the start page. If specified, the nickname of your UMS is also displayed here; see <a href="#">Network Settings in the IGEL UMS Web App</a> (see page 101).
	The UMS Web App documentation on <a href="http://kb.igel.com">kb.igel.com</a> <sup>1</sup> and details of the current version of the Universal Management Suite
	Language settings for the user interface
	Logout from the UMS Web App

<sup>1</sup> <http://kb.igel.com>



## Important Information for the IGEL UMS Web App

Take notice of the following information regarding the IGEL Universal Management Suite (UMS) Web App.

### Supported Environment

- The minimal supported resolution is 768 px.  
If you want to use the UMS Web App on mobile devices, note that the min. supported width for the responsive design is 768 px.
- For the officially supported browsers, see the release notes.
- For RAM and disk space requirements, see Installation Requirements for the IGEL UMS.

### Installation

- In the case of a High Availability or Distributed UMS environment:
  - The UMS Web App does not necessarily have to be installed on every UMS Server. If you choose, however, to install the application on several UMS Servers, you can use it on all of them. The data will be synchronized.
  - The UMS Console and the UMS Web App can be installed on different servers.

### Login

- The login data of the database user are not accepted for the UMS Web App. For how to log in to the UMS Web App, see [How to Log In to the IGEL UMS Web App](#)(see page 16).

### Permissions

- The UMS Web App and the UMS Console share the same permissions. For detailed information on access rights in the IGEL UMS, see Create Administrator Accounts.
- There are some permissions only applicable to the UMS Web App – "Delete Log Messages", "Device Bulk Action", and "App Management". They can be set in the UMS Console under **System > Administrator accounts > New / Edit > General - WebApp**.
- Read permissions to a directory enable access to devices in this directory; permissions only to devices are not sufficient.
- For the assignment of apps (exception: IGEL OS Base System), you require the same permissions as for the assignment of profiles to devices, see Assignment of Objects. This is due to the fact that non-base-system apps are automatically assigned to devices via profiles that configure these apps (so-called implicit app assignment).
- For the assignment of the IGEL OS Base System, the permission **Assign Base System / Firmware Update** is required (set under **UMS Console > Devices > [context menu of the device / device directory] > Access Control**).
- The following permissions are required:
  - Rights for the node **Server Network Settings** under **UMS Console > UMS Administration > Global Configuration** for the access to



- **UMS Web App > Apps > Settings > App Portal**
- **UMS Web App > Apps > Settings > Automatic Updates**
- **UMS Web App > Network > Settings > Network > UMS Network Nickname**
- Rights for the node **UMS Features** under **UMS Console > UMS Administration > Global Configuration** for the access to
  - **UMS Web App > Apps > Settings > UMS as an Update Proxy**
  - **UMS Web App > Network > Settings > UMS Features**

## Synchronization between the UMS Console and the UMS Web App

- Changes made in the UMS Console are immediately available in the UMS Web App, and vice versa.
- Changes made in the UMS Console are searchable not immediately, but after the next reindexing, which is executed every hour.
- Changes to profile settings made in the UMS Console as well as settings for the newly created profiles are displayed in the UMS Web App under **Configuration > [Profile name] > Activated Settings** not immediately, but after the next reindexing: this reindexing is executed with a one-day interval.

## Logging

- Currently, only logs for actions performed in the UMS Web App are displayed.
- Log files for the UMS Web App can also be found in `/rmguiserver/logs/wums*`

## Certificate

- By default, browsers do not accept the self-signed certificate used by the UMS Server and display a security warning. For how to solve the problem, see UMS Web App: The Browser Displays a Security Warning (Certificate Error).

## Bulk Actions

- The simultaneous selection of several devices or directories is currently not possible. If you want to execute bulk commands, you can do it now only by selecting an individual directory.



## How to Log In to the IGEL UMS Web App

The following article describes how you can open the IGEL Universal Management Suite (UMS) Web App and which credentials you can use to log in. For a short overview of the UMS Web App, see [IGEL UMS Web App](#)(see page 2).

### How to Access the IGEL UMS Web App

To open the IGEL UMS Web App:

- ▶ In the web browser, open the URL `https://<server>:8443/webapp/#/login`.<sup>2</sup>

**⚠** "8443" is the default GUI server port, see "GUI server port" under Settings - Change Server Settings in the IGEL UMS Administrator. For detailed information on the UMS ports, see [IGEL UMS Communication Ports](#). If you have changed the GUI server port, adjust the URL accordingly.

OR

- ▶ In the symbol bar of the UMS Console, click the icon .

### Login Data for the IGEL UMS Web App

To log in to the IGEL UMS Web App, you can use:

- The credentials of the UMS superuser, which can be changed in the **UMS Administrator > Datasource > UMS superuser**. See [Changing the UMS Superuser](#).
- The additionally created administrator account, which can be added in the **UMS Console > System > Administrator accounts**. See [Create Administrator Accounts](#).

**⚠** The login data of the database user are not accepted for the UMS Web App.

- i** UMS Web App implements login brute-force protection:
- After several failed login attempts, the user account will be temporarily blocked. This includes also accounts that do not exist.
  - To prevent probing, dynamic login delay (milliseconds) is implemented. This is required since the response time could be an indicator of the (non-)existence of an account.

<sup>2</sup> <https://localhost:8443/webapp>.



## Devices - View and Manage Your Endpoint Devices in the IGEL UMS Web App

In the **Devices** area of the IGEL Universal Management Suite (UMS) Web App, you can manage devices registered on the UMS Server. All devices registered on the UMS Server are shown.

- ⓘ Device changes made in the UMS Console are immediately available in the UMS Web App, and vice versa.

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Menu path: **UMS Web App > Devices**

You can structure the **Devices** area by creating directories and subdirectories. When doing so, you should bear in mind that each device can only be stored in a single directory.

- ⚠ Avoid placing too many devices in one folder. If you experience some kind of lagginess, refer to the tips regarding the folder structure under Performance Optimizations.



The screenshot displays two views of the IGEL UMS Web App interface:

- Directory Level:**
  - 1:** Shows the Directory Tree on the left with a red box around the "RD (1)" entry under "Devices (1)".
  - 2:** Shows the list of objects in the RD directory, with a red box around the item "ITC0050569356CB".
  - 3A:** Properties panel for the RD directory, showing 1 contained device.
  - 4:** Action buttons: Assign object, Reboot, Shutdown, Wake up, Suspend.
- Device Level:**
  - 1:** Shows the Directory Tree on the left with a red box around the "RD (1)" entry under "Devices (1)".
  - 2:** Shows the list of objects in the RD directory, with a red box around the item "ITC0050569356CB".
  - 3B:** Properties panel for the device "ITC0050569356CB", showing details like Unit ID, MAC Address, Product, and Version.
  - 4:** Action buttons: Edit Configuration, Shadow, Assign object, Reboot, Shutdown.
  - 3B:** System Information tab showing runtime, operating time, battery level, CPU speed, CPU type, flash size, and memory size.

1	Directory Tree	Shows all created directories and subdirectories with the specification of the number of devices assigned to them. <ul style="list-style-type: none"> <li><a href="#">Creating a Directory Structure in the IGEL UMS Web App</a>(see page 26)</li> <li><a href="#">Renaming a Directory</a>(see page 31)</li> <li><a href="#">Deleting a Directory</a>(see page 32)</li> <li><a href="#">Moving a Device Directory</a>(see page 30)</li> <li><a href="#">Copying a Device Directory</a>(see page 29)</li> <li><a href="#">Moving Devices in the IGEL UMS Web App</a>(see page 28)</li> </ul>
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2	Device list	<p>Shows all devices directly contained in the directory selected in the <b>Directory Tree</b>.</p> <ul style="list-style-type: none"> <li>• Paging for the navigation in the device list</li> <li>• Defining the number of devices to be displayed on one page</li> <li>• Filtering devices by <b>Name, Product ID, Unit ID, Version, and IP Address</b></li> <li>• Sorting devices by <b>Name, Product ID, Unit ID, Version, and IP Address</b></li> </ul>
3A	Directory information	<p>Details for the directory selected in the <b>Directory Tree</b></p> <p><b>[Directory Name]:</b> The name of the selected directory</p> <p><b>Properties:</b> Properties of the selected directory, e.g. the full <b>Directory Path, Number of contained devices</b></p> <p><b>Assigned Objects:</b> Directly and indirectly assigned objects, e.g. profiles, files, firmware updates, etc. For details, see <a href="#">Assigning Objects in the IGEL UMS Web App(see page 33)</a>.</p>
3B	Device information	<p>Details for the device selected in the device list</p> <p><b>Status display:</b> The status of the selected device. For icons showing the device's status, see "<a href="#">Status Displays(see page 23)</a>" below.</p> <p><b>[Device Name]:</b> The name of the selected device. It does not need to be identical to the name of the device in the network. The name of a device does not need to be unique and can be used a number of times. To rename the device, click  , type a new name, and press [Enter]. For other renaming options, see Renaming IGEL OS Devices.</p> <p><b>Properties:</b> Properties of the selected device, e.g. <b>Last IP, MAC Address, Unit ID, Last Contact</b>, etc.</p>



- ⓘ The unit ID serves as a unique identifier of an endpoint device in the UMS. With IGEL devices, IGEL zero clients, devices converted with the IGEL UDC/OSC, and devices with the IGEL UMA, the unit ID is set to the MAC address of the device. If the device is a UD Pocket, the unit ID is set to the serial number (without spaces and special characters), preceded by the prefix consisting of the USB vendor and product ID.

**[Directory Path]:** Full directory path for the selected device

**Custom Properties:** Allows changing such customizable properties as **Site**, **Department**, device attributes. To edit the properties, click .



### **i Custom Device Attributes**

Device attributes are currently configured only in the UMS Console under **UMS Administration > Global Configuration > Device Attributes**.

Whether you can change the values for the device attributes via the UMS Web App depends on your configuration of the **Global Overwrite Rule** and/or **Overwrite Rule** for a specific device attribute, see Managing Device Attributes for IGEL OS Devices.

**Assigned Objects:** Directly and indirectly assigned objects, e.g. profiles, apps, files, etc. For details, see [Assigning Objects in the IGEL UMS Web App](#)(see page 33).

Assigned Objects	System Information	Licenses	Network Adapter	Installed Apps
Filter objects	Direct Indirect			
Citrix				
Citrix Workspace app				
Background	Default Version (22.9.0.21-1 BUILD 2)			
Wallpaper	Devices / Augsburg / QA			

**System Information:** Shows such properties as **CPU Type, Memory Size, Device Type**, etc. To copy a property's value, click .

Assigned Objects	System Information	Licenses	Network Adapter	Installed Apps
Onboarded by				
Directory Path	Devices / Augsburg / QA			
Unit ID	856410000G565630070			
MAC Address	00E0C50B3CA2			
Last IP				
Product	IGEL OS			



**i** The following sections are displayed only if there are data available for the section.

**Licenses:** Details on the licenses for the selected device.

To copy a value, click

Assigned Objects	System Information	Licenses	Network Adapter
	Workspace Edition	Licensed until 4/15/23	
	Enterprise Management Pack	Licensed until 4/15/23	
	Workspace Edition Add-on 90meter	Not licensed	
	Workspace Edition Add-on Ericom PowerTerm	Not licensed	

**Network Adapter:** Displays information about all available network adapters of a device. The section is available for devices with IGEL OS 11.07.100 or higher. For details, see the section "Network Adapters" under View Device Information in the IGEL UMS.

Assigned Objects	System Information	Licenses	Network Adapter	Installed Apps
enp1s0		MAC Address 00E0C50B3CA2		Type LAN
wlan0		MAC Address 84144DABFE87		Type WLAN

**Installed Apps:** Shows all apps present on the IGEL OS 12 device and their status. For details, see [Checking Installed Apps via the IGEL UMS Web App](#)(see page 75).

Assigned Objects	System Information	Licenses	Network Adapter	Installed Apps
	Citrix Workspace app (22.9.21+2)			installed
	Citrix Multimedia Codec (87.0.4280+3)			installed
	IGEL OS (12.1.100-1.rc.5+1)			installed

**User Login History:** Shows up to 10 last user logins if the logging is enabled. For details on the logging activation, see the section "User Login History" under View Device Information in the IGEL UMS.

4	Device commands	Device commands, e.g. power control commands, firmware updates, etc., are executed for an individual directory or an individual device. The status of the command execution is shown under <a href="#">Messages</a> (see page 12)
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► Click to view all available device commands.

For details on the device commands, see "[Device Commands\(see page 23\)](#)" below.

## Status Displays

The UMS monitors the status of the devices by regularly sending UDP packets. In accordance with the preset, this occurs every 3 seconds. For information on how to change the interval for the online check, see Devices.



When the device is connected via IGEL Cloud Gateway (ICG), a cloud symbol icon is added to the device.



The exclamation mark indicates that changes, i.e. new configurations, files, profiles, etc., have not yet been transferred to the device.

## Icons for an IGEL OS Device

The following icons show the status of an IGEL OS device:

	The device is online.
	The device is offline.
	The device is being updated.
	The status of the device is unknown or has not yet been processed.

## Device Commands

The following commands can be executed for an individual device as well as for an individual directory (with the exception of shadowing and configuration editing).

	Allows you to edit configuration parameters for the selected device.  Here, you edit the device setup as you would if you were working at the endpoint device itself.
<b>Edit configuration</b>	



<b>Shadow</b>	Shadowing: Launches a VNC session for the highlighted device if shadowing is enabled for this device, see <a href="#">Shadow</a> .  For details on shadowing in the UMS, see <a href="#">Shadowing - Observe IGEL OS Desktop via VNC and UMS and Devices: Secure Shadowing</a> .
<b>Assign object</b>	Assigns / detaches an object, e.g. a profile, a file, etc. For details, see <a href="#">Assigning Objects in the IGEL UMS Web App</a> (see page 33).
<b>Reboot</b>	Restarts the highlighted device.
<b>Shutdown</b>	Shuts down the highlighted device.
<b>Wake up</b>	Starts the highlighted device via the network (Wake-on-LAN).  For details on configuring Wake-on-LAN in the UMS, see <a href="#">Wake-on-LAN</a> .
<b>Suspend</b>	Puts the highlighted device into suspend mode.
<b>Send settings</b>	Reads out the complete last device configuration from the UMS database and sends it to the highlighted device.
<b>Receive settings</b>	Reads the local configuration of the highlighted device, sends it to the UMS, and writes it to the database.
<b>Reset to factory defaults</b>	Resets the highlighted device to the factory defaults; see <a href="#">Resetting a Device to Factory Defaults via the IGEL UMS Web App</a> (see page 39).  For other methods of resetting a device to factory defaults, see <a href="#">Reset to Factory Defaults</a> and <a href="#">Resetting a Device with Unknown Administrator Password</a> .
<b>Update</b>	OS 11: Carries out a firmware update on the highlighted IGEL OS 11 device.  OS 12: Triggers the activation of the assigned app version for the selected IGEL OS 12 devices. The <b>Update</b> command is only needed if <b>System &gt; Update &gt; Activate app after the installation</b> is disabled; see <a href="#">How to Configure the Background App Update in the IGEL UMS Web App</a> (see page 98).



<b>Update on shutdown</b>	Only for OS 11: Updates the firmware when the highlighted IGEL OS 11 device is shut down.
<b>Refresh system information</b>	Refreshes the system information for the highlighted device.
<b>Refresh license information</b>	Refreshes the license information for the highlighted device.
<b>Send message</b>	Sends a message to the highlighted device; see <a href="#">Sending a Message to Devices via the IGEL UMS Web App</a> (see page 37).

- If a user does not have sufficient rights, the command icons are grayed out. For information on permissions in the UMS, see Access Rights.



## Creating a Directory Structure in the IGEL UMS Web App

In the IGEL Universal Management Suite (UMS) Web App, you can create device directories. You can create as many directories and subdirectories as you want in order to group the devices together.

Menu path: **UMS Web App > Devices**

### General Information

You may freely organize your device structure in the IGEL UMS. Take advantage of this freedom and build well-thought-out, intelligent directory structures. You will need a smart structure, for example, for the automatic rollout when devices will be stored directly in the correct directory and the right configurations (profiles, apps) will be automatically assigned to them.

How deeply you want to structure your tree is up to you. The system allows you to nest directories as deeply as you want.

It would be advisable to arrange the directories referring to your company's structure. You could classify the devices, for example, according to branch offices, departments, or tasks.

When you create sub-directories, the devices organized in it form subgroups of a group.

- ⓘ A device that is unequivocally identified by its MAC address can only be stored in a single directory, i.e. only as a member of a single group.
  
- ⓘ Actions performed at the directory level apply to all subdirectories and devices contained in this directory. Performing actions at the directory level requires certain permissions, see the "Permissions" section under [Important Information for the IGEL UMS Web App](#)(see page 14).

### Creating a Device Directory

To create a directory or subdirectory, proceed as follows:

1. In the **Directory Tree**, select a directory, e.g. "Devices".
2. Click .



3. Enter a name for the new directory.

A screenshot of a web-based directory management interface titled "Directory Tree". At the top, there is a toolbar with icons for creating a new folder (highlighted with a red box), editing, deleting, and refreshing. Below the toolbar, the directory structure is shown as a tree view:

- Devices (1)
  - Augsburg (0)
    - Java (0)
    - Linux (0)
  - TechDoc (0)
  - Bremen (0)
    - Presales (0)

At the bottom of the tree view, there is a text input field containing "New directory" with a blue border. A vertical yellow bar is positioned to the left of this input field.

4. Press [Enter].

The new directory will be displayed below the selected directory in the **Directory Tree**.

You can now move devices to this new directory.



## Moving Devices in the IGEL UMS Web App

Since a device can only be stored in a single directory in the IGEL Universal Management Suite (UMS), you cannot copy devices, but only move them.

- ⚠** If profiles and apps are indirectly assigned to a device or revoked as a result of the device being moved to a different directory, the configuration of the device will change too. Moving an IGEL OS 12 device to another directory can lead to the uninstallation of apps.  
The new configuration can take effect either immediately or when the device is next rebooted.

Menu path: **UMS Web App > Devices**

Devices are moved via drag & drop:

1. In the **Directory Tree**, select a directory that contains the device to be moved.
2. Select the relevant device.

The screenshot shows the IGEL UMS Web App interface. The top navigation bar includes tabs for UMS 12, Devices (which is selected and highlighted in yellow), Configuration, Apps, Network, and Logging. On the left, a sidebar titled 'Directory Tree' shows a hierarchy of devices under 'Devices (2)': Augsburg (0) containing Java (0) and Linux (0); and Bremen (0) containing Presales (0). The main content area is titled 'Devices' and shows a list of two devices: 'ITC0050569356CB' and 'ITC00E0C520986A'. To the right of each device name is a small green icon representing a computer monitor. Next to 'ITC00E0C520986A' is a red arrow pointing to a blue move icon (a crosshair symbol).

3. Drag the device to the directory required and drop it.  
The **Move device** dialog opens.
4. Select when you want the changes to take effect.
5. Confirm that you wish to move the device by clicking on **Move**.



## Copying a Device Directory

Menu path: UMS Web App > **Devices**

You can copy a device directory and paste it into any directory. Only an empty directory as well as the subdirectories contained in it will be copied; devices cannot be copied.

To copy a device directory, proceed as follows:

1. In the **Directory Tree**, click on the directory that you want to copy.
2. Press [Ctrl + C].
3. Click on the directory in which you would like to paste the copy of the directory.
4. Press [Ctrl + V].
5. Confirm the **Copy directory** dialog.

A new device directory that has the same name as the original directory will be created. The new directory will contain newly created copies of the subdirectories contained in the original directory.

(i) You can copy a device directory also via drag & drop while holding down the [Ctrl] key.



## Moving a Device Directory

When moving a device directory to another directory, the directory itself, its subdirectories, and devices contained in them will be moved.

Menu path: **UMS Web App > Devices**

To move a device directory, proceed as follows:

1. In the **Directory Tree**, click on the directory that you want to move.
2. Click [Ctrl + X].
3. Click on the directory in which you would like to move the directory.
4. Click [Ctrl + V].

The **Move directory** dialog opens.

**⚠** If profiles and apps are indirectly assigned to a device or revoked as a result of the device being moved to a different directory, the configuration of the device will change too. Moving an IGEL OS 12 device to another directory can lead to the uninstallation of apps.  
The new configuration can take effect either immediately or when the device is next rebooted.

5. Select when you want the changes to take effect and confirm this by clicking on **Move**.

**i** You can move a directory also by dragging and dropping it to another directory.



## Renaming a Directory

Menu path: UMS Web App > **Devices**

To rename a directory or subdirectory, proceed as follows:

1. In the **Directory Tree**, select a directory you want to rename, e.g. "Bremen".
2. Click .
3. Enter a new name for the directory.

A screenshot of the IGEL UMS Web App interface. On the left, there's a sidebar with a back arrow and a search bar. Below it is a section titled "Directory Tree" with a tree view. The tree shows "Devices (2)" which contains "Augsburg (2)" and "techdoc (2)". "Augsburg (2)" contains "HS (0)" and "RD (2)". At the bottom of the tree, the "Bremen" folder is selected and highlighted with a red border around its edit icon. The main content area is currently empty.

4. Press [Enter].



## Deleting a Directory

### i Difference to the UMS Console

In the UMS Web App, only directories that do not contain any devices can be deleted.

! There is currently NO recycle bin support. If you delete a directory, it will be permanently removed.

To delete a directory, proceed as follows:

1. In the **Directory Tree**, select the directory that is to be deleted.
2. Click .

A screenshot of the "Directory Tree" section in the IGEL UMS Web App. The interface has a header with a back arrow and a search bar. Below is a toolbar with icons for add (+), edit (pencil), delete (trash can), and refresh (refresh). The main area shows a tree structure:

- Devices (2)
  - Augsburg (2)
    - techdoc (2)
      - HS (0)
      - OS5 (0)
    - RD (2)

The "Delete" icon in the toolbar is highlighted with a red box.

i If a directory is deleted, all subdirectories contained in it will be deleted too.

3. Confirm the **Delete directory** dialog.



## Assigning Objects in the IGEL UMS Web App

In the IGEL Universal Management Suite (UMS) Web App, you can assign an object (e.g. file, profile, app, etc.) to a device or device directory.

Menu path: **UMS Web App > Devices**

To assign (or to detach) an object, proceed as follows:

1. In the **UMS Web App > Devices**, select the desired directory / device and click **Assign object**.

It is not possible to assign an object to the root directory "Devices".

A screenshot of the IGEL UMS Web App interface. The top navigation bar includes 'UMS 12', 'Devices' (selected), 'Configuration', 'Apps', 'Network', and '2 more'. On the right, there are links for 'App Portal', 'Help', and 'English'. The main area shows a 'Directory Tree' on the left with categories like 'Devices (5)', 'Augsburg (4)', 'techdoc (4)', 'QA (1)', and 'RD (3)'. The right side displays a list of devices under 'RD': 'ITC005056938D22' (selected and highlighted with a red box), 'Id-RD01', and 'Id-RD02'. Below the list is a toolbar with buttons for 'Edit Configuration', 'Shadow', 'Assign object' (which is also highlighted with a red box), 'Reboot', and 'Shutdown'. The status bar at the bottom shows 'Custom Properties'.



2. Select the required object and use the arrow buttons or drag & drop.

3. Decide whether the new settings are to take effect immediately or at the next reboot of the device.

1	Name of the directory / device	Name of the directory / device to which the object is assigned
2	Assignable objects	<p>Shows all objects that can be assigned to the directory / device. The following objects can be assigned:</p> <p> : Apps (for IGEL OS 12 devices). An app version to be assigned is chosen in the selection list that shows all versions of the selected app available under <a href="#">Apps</a>(see page 63).</p>



### **⚠ Implicit App Assignment via a Profile**

An app is automatically assigned via a profile configuring this app.

Exception: IGEL OS Base System app

An implicit app assignment is overwritten if you assign an app explicitly, i.e. if you select an app as an object in the **Assign object** dialog.

For more information, see [How to Create and Assign Profiles in the IGEL UMS Web App](#)(see page 50).



: Profiles. For general information on profiles, see [Profiles in the IGEL UMS](#). See also [Configuration - Centralized Management of Device Settings in the IGEL UMS Web App](#)(see page 43).



: Priority profiles. For details, see [Priority Profiles in the IGEL UMS](#).



: Firmware customizations. For details, see [Firmware Customizations in the IGEL UMS](#).



: Template keys and value groups. For details, see [Template Profiles in the IGEL UMS](#).



: Files. For details, see [Files - Registering Files on the IGEL UMS Server and Transferring Them to Devices](#).



: Firmware updates (for IGEL OS 11 devices). For details, see [Universal Firmware Update](#).

3	Assignments	Shows all objects directly assigned to the directory / device.
---	-------------	----------------------------------------------------------------

4	Filter
---	--------

×

Filters the objects under **Assignable objects** and **Assignments** according to

- the selected object type
- the entry in the text field

The above filter criteria are linked with the operator *AND*.

- ▶ Click to remove all filters.



## Assigned Objects

Objects can be assigned directly or indirectly:

- Directly assigned objects have been assigned to an individual device or directory.
  - Indirectly assigned objects have been "inherited" via the directory structure.
- To view all assigned objects, i.e. directly and indirectly assigned objects, select the desired directory / device and go to **Assigned Objects**.

- i** All implicitly assigned apps, i.e. apps assigned to devices via a profile, are displayed directly under this profile.

1	<p>Filters the assigned objects according to</p> <ul style="list-style-type: none"> <li>• the selected object type</li> <li>• the entry in the text field</li> <li>• direct or indirect assignment type</li> </ul> <p>The above filter criteria are linked with the operator <i>AND</i>.</p> <p>► Click  to remove all filters.</p>
2	For indirectly assigned objects only: Specifies the path to the directory the object assignment is inherited from.
3	For directly assigned objects only: Detaches the object from the directory / device.



## Sending a Message to Devices via the IGEL UMS Web App

In the IGEL Universal Management Suite (UMS) Web App, you can send a message to IGEL OS 12 devices. Currently, only plain text messages are supported, i.e. simple string messages without formatting and HTML codes.

Sending a message to IGEL OS 11 devices via the UMS Web App is currently not possible. Use the UMS Console, instead; see [Send Message](#).

Menu path: **UMS Web App > Devices > Send message**

- ⓘ To send a message to IGEL OS 12 devices, the following permissions are required:
  - **Read** and **Send Message** (set in the UMS Console via [\[context menu of a device / device directory\] > Access Control](#))
  - **Device Bulk Action** if a message should be sent to multiple devices (set in the UMS Console under [System > Administrator accounts](#))

For general information on rights and permissions, see [Create Administrator Accounts](#).

To send a message:

1. In the **UMS Web App > Devices**, select the required device / device directory and click **Send message**.



2. Type your message. Do not use HTML or other codes.

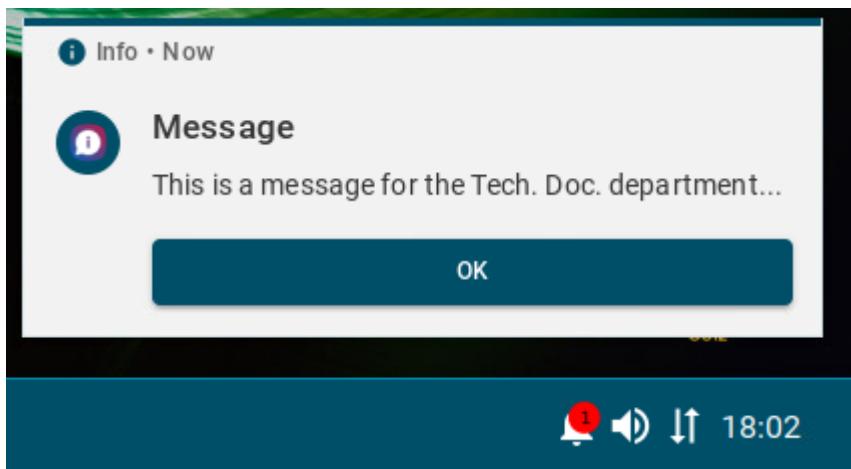
A screenshot of a web-based application window titled "Send message to devices". Inside, there's a "Message Text" input field containing the text "This is a message for the Tech. Doc. department...". Below it, a dropdown menu shows "Send to techdoc (1)" with a single device listed: "ITC0050569356CB". At the bottom right are two buttons: "Cancel" and "Send Message", with "Send Message" being highlighted by a red rectangle.

3. Click **Send message**.

Your message will be sent to the devices shown in the list. This device list is read-only, i.e. you cannot select the devices here.

If you have selected the device directory for sending a message, the number of affected devices is shown.

On the device, the message is displayed in a **Message** window, and, if not closed, also in the Notification Center.





## Resetting a Device to Factory Defaults via the IGEL UMS Web App

In the IGEL Universal Management Suite (UMS) Web App, you can reset a device to factory defaults. This may be necessary, for example, because of misconfiguration or if the administrator password for IGEL OS has been lost and the local setup is therefore no longer accessible.

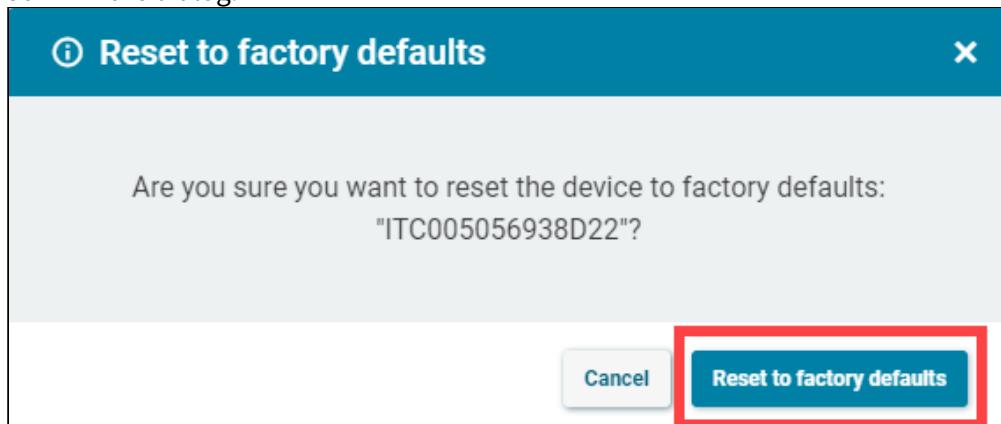
- ⚠ If you select **Reset to factory defaults**, all personal settings on the device (including your password and the sessions you have configured) will be lost and the device will be removed from the UMS. You will have to register your device with the UMS again.**

Menu path: **UMS Web App > Devices > Reset to factory defaults**

To reset a device to factory defaults, proceed as follows:

1. In the **UMS Web App > Devices**, select the required device and click
2. Select **Reset to factory defaults**.

3. Confirm the dialog.





4. Confirm on the device that it can be restarted or wait till the device restarts automatically.

After the reboot, you will see the Setup Assistant and can register your device with the UMS Server anew.



## Remote Access to Devices via Shadowing in the IGEL UMS Web App

You can observe the desktop of an device on your local PC via shadowing with VNC. Shadowing via the UMS Web App and the UMS Console is supported for IGEL OS 12 and OS 11 devices. For more information on shadowing via the UMS Console, see [Shadowing - Observe IGEL OS Desktop via VNC](#).

- i To shadow the device, you will require **Remote access** permission, which can be set in the UMS Console via [\[context menu of the device / device directory\] > Access control](#). See Object-Related Access Rights.

To shadow the IGEL OS 12 device:

1. Create a profile for IGEL OS base system and go to **System > Remote Access > Shadow**. For how to create profiles, see [How to Create and Assign Profiles in the IGEL UMS Web App](#)(see page 50).
2. Enable **Allow remote shadowing** and configure other settings according to your needs.

### i Secure Shadowing and IGEL OS 12

There is no need to enable secure shadowing since shadowing of IGEL OS 12 devices is always via unified protocol, i.e. communication is always encrypted. However, you can activate secure shadowing if you want that the devices could be shadowed via the UMS only (internal VNC or external VNC viewer). Shadowing of the devices by another computer is then not possible.

The screenshot shows the 'Profile Configurator - Shadowing' interface. The 'Security' tab is active. On the left, a sidebar lists various configuration categories: Time and Date, Remote management, Remote Access (which is expanded), SSH Access (with 'Shadow' highlighted by a red box), Secure Terminal, Logging, Power Options, System Customization, Update, and Registry. In the main configuration area, there are several settings with checkboxes:
 

- Allow remote shadowing**: This checkbox is checked and highlighted by a red box.
- Secure mode**: This checkbox is checked.
- Use Password**: This checkbox is checked.
- Password**: A password field is shown with a 'Change password' button.
- Prompt user to allow remote session**: This checkbox is checked.
- Allow user to disconnect remote shadowing**: This checkbox is checked.

 At the bottom right are buttons for 'Close', 'Save', and 'Save and Close'.

3. Save the settings and assign the profile to the required devices.



4. Under **Devices**, select the device and click **Shadow**.

A screenshot of the IGEL UMS Web App interface. The top navigation bar includes tabs for 'Devices', 'Configuration', 'Apps', and '3 more'. On the far right are links for 'Help', 'English', and a user profile. The main content area has a 'Directory Tree' on the left showing a hierarchy of 'Devices (4)', 'Augsburg (2)', 'techdoc (2)' (which is expanded to show 'Quality Assurance (1)' and 'RD (1)'), and 'Bremen (2)'. To the right of the tree is a search bar with 'Filter objects' and a dropdown menu. Below the tree is a table with one row selected, highlighted by a red box. The table row contains the identifier 'ITC005056938D22' and a small thumbnail icon. To the right of the table is a detailed view panel for the selected device. At the top of this panel is another red box highlighting the 'Shadow' button, which is located in a row of action buttons. Other buttons include 'Edit Configuration', 'Assign object', 'Reboot', and 'Shutdown'. Below the action buttons are sections for 'Properties' and 'Custom Properties'. At the bottom of the panel are tabs for 'Assigned Objects', 'System Information', 'Licenses', 'Network Adapter', and 'Installed Apps'.

The shadowing request will be sent to the device. If you decided to enable **Prompt user to allow remote session**, the user must accept the shadowing request.



## Configuration - Centralized Management of Device Settings in the IGEL UMS Web App

In the **Configuration** area, you can create and manage profiles. Currently, only managing standard and priority profiles is possible. For more information on profiles, see Profiles in the IGEL UMS.

Menu path: **UMS Web App > Configuration**

**i Profiles for IGEL OS 12 and IGEL OS 11 Devices**

- The procedure for creating profiles for IGEL OS 12 and IGEL OS 11 devices is different. If you want to configure, for example, Chromium browser settings for your IGEL OS 12 and IGEL OS 11 devices, you have to create two profiles – one for OS 12 devices and another for OS 11 devices.
- Profiles for IGEL OS 12 devices can only be created and changed in the UMS Web App. It is not possible to create/edit them in the UMS Console.
- Profiles for IGEL OS 11 devices can be created and edited in the UMS Console and the UMS Web App.

**⚠** Settings activated for the newly created profiles as well as setting changes are displayed in the UMS Web App under **Activated Settings** not immediately, but after the next reindexing, which is executed, in this case, with a one-day interval.

**ⓘ** Priority profiles have to be first enabled in the UMS Console under **UMS Administration > Global Configuration > UMS Features**, see Priority Profiles in the IGEL UMS. The node **Priority Profiles** will appear under **UMS Web App > Configuration**. After that, you can create priority profiles in the same way as the standard profiles, see [How to Create and Assign Profiles in the IGEL UMS Web App](#)(see page 50).

You can structure profiles by creating directories and subdirectories.

## Configuration - Centralized Management of Device Settings in the IGEL UMS Web App



The image displays two screenshots of the IGEL UMS Web App interface, illustrating the centralized management of device settings.

**Top Screenshot (Directory Level):**

- 1:** Configuration Tree showing Profiles (7) including IGEL OS 11 (3), IGEL OS 12 (4), and Apps (3). The "Chromium (2)" under Apps is highlighted with a red box.
- 2:** Main content area showing the "Chromium" directory structure with "Chromium" and "Chromium Session".
- 3:** Properties panel for the "Chromium" directory, showing Name: Chromium, Directory Path: Profiles / IGEL OS 12 / Apps / Chromium, and Number of contained profiles: 2.

**Bottom Screenshot (Profile Level):**

- 1:** Configuration Tree showing the same structure as the top screenshot, with "Chromium (2)" highlighted.
- 2:** Main content area showing the "Chromium Session" object.
- 3:** Properties panel for the "Chromium Session" object, showing Name: Chromium Session, Directory Path: Profiles / IGEL OS 12 / Apps / Chromium, and Id: 3512.
- 4:** Activated Settings table for the "Chromium Session" object, listing four settings:
 

Key	Display name	Value
app.chromium.chromiumglobal.app.block_popups	Block pop-ups and redirects	true
app.chromium.chromiumglobal.app.homepage	Startup page	https://www.igel.com/https://kb.igel.com
app.chromium.chromiumglobal.app.start_maximized	Start maximized	true
app.chromium.sessions.chromium1.name	Session name	My Chromium browser
- 5:** Contained Files table for the "Chromium Session" object, showing 5 files. A filter bar at the top indicates 1-5 of 5 results.
- 6:** Edit Configuration button for the "Chromium Session" object.



1	Configuration Tree	Shows all created profile directories and subdirectories with the specification of the number of profiles assigned to them. <ul style="list-style-type: none"><li>▶ To create a profile, click  . For more information, see <a href="#">How to Create and Assign Profiles in the IGEL UMS Web App</a>(see page 50).</li><li>▶ To create a profile directory, click .</li><li>▶ To rename a profile directory, click .</li><li>▶ To delete a profile directory, click  . Currently, only empty directories can be deleted.</li><li>▶ To move a profile directory to another directory, select the relevant directory and move it per drag &amp; drop to the desired directory or use [Ctrl + X], [Ctrl + V].</li><li>▶ To move the profile to another directory, navigate to the relevant profile in the profile list and move it per drag &amp; drop to the desired directory.</li></ul> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"><p> It is currently not possible to copy profiles in the UMS Web App.</p></div>
2	Profile list	Shows all profiles contained in the directory selected in the <b>Configuration Tree</b> . <ul style="list-style-type: none"><li>• Paging for the navigation in the profile list</li><li>• Defining the number of profiles to be displayed on one page</li><li>• Filtering profiles by <b>Name</b> and <b>Version</b></li><li>• Sorting profiles by <b>Name</b> and <b>Version</b></li></ul>
3	Directory information	Details for the directory selected in the <b>Configuration Tree</b> . <p><b>[Directory Name]:</b> The name of the selected directory</p> <p><b>Properties:</b> Properties of the selected directory, e.g. the full <b>Directory Path</b>, <b>Number of contained devices</b></p>



4	Profile information	<p>Details for the profile selected in the profile list</p> <p><b>[Profile Name]:</b> The name of the selected profile</p> <p><b>Properties:</b> Properties of the selected profile, e.g. its <b>Name</b>, <b>Version</b> it is based on (for IGEL OS 11 profiles only), etc. To edit the properties, click .</p> <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;"><p> Edit properties</p><p>* Name: Firefox</p><p>Description: <input type="text"/></p><p>Sessions: Do NOT overwrite sessions</p><p>Version: IGEL OS 11 11.08.230.rc7.01</p><p style="text-align: right;"> Save  Cancel</p></div> <p><b>ⓘ Overwrite sessions</b> option should be activated only in exceptional cases. With this option, you can override free instances of all other profiles. Detailed information on this option can be found under Creating Profiles in the IGEL UMS.</p> <p><b>ID:</b> Profile ID. If several profiles are assigned to a device on an equal basis, the newer profile with the higher profile ID has priority. For more information on prioritization of profiles, see Order of Effectiveness of Profiles and Prioritization of Profiles in the IGEL UMS.</p> <p><b>[Directory Path]:</b> Full directory path for the selected profile</p>
5	Activated Settings	<p>Shows all configuration settings activated in the selected profile.</p> <p><b>Key:</b> Key of the configuration parameter</p> <p>► Click the i-icon to open the tooltip.</p>



**Display name:** Name of the configuration parameter as displayed in the IGEL Setup and the configuration dialog in the UMS Console.

Value: A value set for the parameter. All password values are anonymized.

- ▶ If a parameter receives a value from a template key (see Template Profiles in the IGEL UMS), click  to jump to the corresponding template key.

Template Key Relation	Shows template keys used in the profile, see Template Profiles in the IGEL UMS and Using Template Keys in Profiles.
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**Template Key:** Name of the template key

**Parameter:** Key of the configuration parameter for which a template key is configured

**Template Expression:** A template key configured

Examples of template expressions:

`https://\igel.${Country}` – template key configuring the starting page of the browser session

`SSH on ${MAC}` – static template key configuring the name for the SSH session, which will be composed of "SSH on" and the MAC address of the endpoint device

Contained Files	Shows all files assigned to the selected profile. Files should be first added in the UMS Console. For details on the file transfer, see Files - Registering Files on the IGEL UMS Server and Transferring Them to Devices.
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	<p>Contained Files</p> <p>Assigned Devices</p> <p>Add file 1</p> <p>Filter objects 2</p> <p>Detach 3</p> <p>igel_image.jpg</p> <p>Undefined</p> <p>https://\$(serverhostname:port)\$/ums_filetransfer/igel_i... /wfs/</p>
Assigned Devices	<p>Shows all devices the selected profile is assigned to.</p> <p>Activated Settings</p> <p>Contained Files</p> <p>Assigned Devices</p> <p>Assign device 1</p> <p>d 2</p> <p>Devices / Bremen / RD1 4</p> <p>Detach directory 3</p> <p>RD1</p> <p>ITC005056938D22 4</p> <p>005056938D22</p> <p>12.1.100-1.rc.5+1</p>

1: Allows to quickly add the file to the profile. To use the option, you should already know the file name or its part.

2: Filters the files added to the profile according to the entered string.

3: Detaches the selected file from the profile.

Assigned Devices

Shows all devices the selected profile is assigned to.

Activated Settings	Contained Files	Assigned Devices
<p>Assign device 1</p> <p>1 - 2 of 2</p> <p>RD1</p> <p>ITC005056938D22 4</p> <p>12.1.100-1.rc.5+1</p>	<p>d 2</p> <p>Devices / Bremen / RD1 4</p>	<p>Detach directory 3</p>

1: Allows to quickly assign the selected profile to the device or device directory. To use the option, you should already know the name of the device / device directory or its part.

2: Filters the devices / device directories assigned to the selected profile. The filter criteria are linked with the operator **AND**.

► Click to remove all filters.

3: Detaches the selected device / device directory from the profile.

4: Jumps to the corresponding device / directory and shows all **Assigned Objects** for it.



6	Edit Configuration	Allows you to edit configuration parameters for the selected profile.
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## How to Create and Assign Profiles in the IGEL UMS Web App

In the IGEL UMS Web App, you can create profiles for configuring settings for your devices. For general information on profiles, see Profiles in the IGEL UMS.

Menu path: **UMS Web App > Configuration**

### **i Profiles for IGEL OS 12 and IGEL OS 11 Devices**

- The procedure for creating profiles for IGEL OS 12 and IGEL OS 11 devices is different. If you want to configure, for example, Chromium browser settings for your IGEL OS 12 and IGEL OS 11 devices, you have to create two profiles – one for OS 12 devices and another for OS 11 devices.
- Profiles for IGEL OS 12 devices can only be created and changed in the UMS Web App. It is not possible to create/edit them in the UMS Console.
- Profiles for IGEL OS 11 devices can be created and edited in the UMS Console and the UMS Web App.

### **i Direct and Indirect Assignment of Objects in the IGEL UMS**

Objects in the IGEL UMS can be assigned directly or indirectly:

- Directly assigned objects have been assigned to an individual device or directory.
- Indirectly assigned objects have been "inherited" via the directory structure.

Whether a profile is assigned directly or indirectly influences the priority of a profile, see Order of Effectiveness of Profiles.

Note the following:

- If you assign a profile to a directory, it is **indirectly** assigned to each device in this directory including the subdirectories.
- If you subsequently move a device to this directory, the directory profiles will affect this device too.
- If you remove a device from this directory, the profile will no longer influence this device and the local settings for the device will be restored.

## Creating Profiles for IGEL OS 12 Devices

Before creating profiles for IGEL OS 12 devices, you have to import the required apps from the IGEL App Portal; see [How to Import IGEL OS Apps from the IGEL App Portal](#)(see page 67).

Alternatively, at least one IGEL OS 12 device with the required apps has to be already registered with the UMS Server. IGEL OS base system as well as all locally installed apps are then automatically recognized by the UMS. See e.g. [Installing IGEL OS Apps Locally on the Device](#).

As soon as there are apps listed under **UMS Web App > Apps**, you can create a profile to configure settings for your devices.



There are two methods to create a profile:

- Via **Configuration > Configuration Tree > Create new profile** (used to configure several apps. A profile configures ALL versions of an app, unless the version is specified.)
- Via **Apps > Create new profile** (used to quickly configure a profile for the selected app.)

(i) Profiles cannot currently be deleted in the UMS Web App. Use the UMS Console, instead.

(i) For apps which have no configurable parameters (e.g. codecs), it is not possible to create a profile.

### Option 1: Create an OS 12 Profile via Configuration

1. Under **UMS Web App > Configuration**, click **Create new profile** button.
2. Select **OS 12** (shown only if there are OS 11 devices registered in the UMS) and enter the **name** of the profile. If desired, add the **description** for the profile.
3. Click **Select Apps**.

A screenshot of the IGEL UMS Web App interface. The top navigation bar includes 'UMS 12', 'Devices', 'Configuration' (which is highlighted in gold), 'Apps', 'Network', and '2 more'. Below the navigation is a 'Configuration Tree' sidebar with sections for 'Profiles (8)', 'Priority Profiles (1)', and 'Base System (2)'. The main content area shows a 'Chromium Session' list with one item, 'Chromium'. A 'Create new profile' dialog box is open over the list. The dialog has a title 'Create new profile' and a radio button section where 'OS 12' is selected (indicated by a red box). Below this is a note: 'An OS 12 profile requires included apps. Please click on "Select Apps" to choose the apps you expect to need.' There is a text input field labeled 'Name' containing 'Chromium' (also indicated by a red box). At the bottom of the dialog are 'Select Apps' and 'Cancel' buttons.

4. In the **App Selector**, select the app(s) you want to configure. It is ALWAYS necessary to select at least one app when creating a profile for IGEL OS 12 devices.

(i) If you want to create profiles configuring IGEL OS base system settings (e.g. corporate design, SSO, accessories, etc.) before any of your IGEL OS 12 devices is registered with the UMS, import the IGEL OS base system app. The latest app version is recommended. Alone for the purpose of profile creation, the subsequent assignment of the IGEL OS base system app to a device / device directory is NOT necessary.



A screenshot of the IGEL UMS Web App interface. At the top, it says "App Selector - Chromium". Below that, a note reads: "In OS 12 you can define what apps should be configured by a profile. Please select at least one app. (You can choose from Base System and/or Apps.) This selection can always be changed." On the right, there is a "Show Versions" toggle switch with a red arrow pointing to it. The interface is divided into sections: "Base System" and "Apps". In the "Base System" section, there is an entry for "IGEL OS" with a dropdown menu showing "Default version" and "12.01.100 BUILD 1 RC 4". In the "Apps" section, there are entries for "Citrix" and "Chromium Browser". The "Chromium Browser" entry has a dropdown menu showing "Default version" and "12.01.100 BUILD 1 RC 5". A red box highlights the "Chromium Browser" entry. At the bottom right are "Cancel" and "Save" buttons, with the "Save" button also highlighted with a red box.

5. If you want to configure a profile for a specific app version, activate **Show Versions** and select the required version.

**Info:** An app version selected here will be assigned to a device, see [Assigning OS 12 Profiles to Devices](#), or [Implicit App Assignment via Profiles](#)(see page 55).  
The best practice is to use the **Default Version**, see [How to Set a Default Version of an App in the IGEL UMS](#)(see page 69).

6. Click **Save**.

The profile will be saved and listed under **Configuration > Profiles**, even if you will not configure any settings in the next step.

7. Configure the desired settings.

The configuration dialog shows only those settings that can be configured for the selected app(s). If you want to change the scope of the profile (i.e. redefine which apps should be configured by the profile), click **App Selector** .

	The parameter is inactive and will not be configured by the profile.
<b>IMPORTANT:</b> When you deactivate the parameter, the value will be automatically set back to the default value.	
	The parameter is active and the set value will be configured by the profile.



A screenshot of the Profile Configurator interface for the Chromium browser. The left sidebar shows a tree view with "chromium" expanded, showing "Chromium Browser Global", "Chromium Browser Sessions", and "Chromium browser" selected. The main panel has a "Session name" input field containing "Chromium browser". Below it is a section titled "Starting Methods for Session" with several checkboxes: "Start Menu" (checked), "Menu folder" (checked), "Start Menu's System tab" (checked), and "Application Launcher" (checked). At the bottom are "Close", "Save", and "Save and Close" buttons.

8. Save the changes.
9. Assign the profile to the required device / device directory. See [Assigning OS 12 Profiles to Devices, or Implicit App Assignment via Profiles](#)(see page 55).

## Option 2: Create an OS 12 Profile via Apps

To quickly create a profile for an imported app, proceed as follows:

1. Under **UMS Web App > Apps**, select the required app and click **Create new profile**.

A screenshot of the UMS Web App interface under the "Apps" tab. The left sidebar shows categories like "All", "Browser", "Cloud", "VDI", etc. A red box highlights the "Chromium Browser" item in the list. The right panel shows details for "Chromium Browser" with a "Create new profile" button highlighted by a red box. Other buttons include "Set Default Version" and "Delete App". Information at the bottom includes "Newest Imported Version: 108.0.5359.94 BUILD 3", "Default Version: 108.0.5359.94 BUILD 1 RC 1", and "Your version is up to date".

2. Enter the **name** of the profile and specify the desired directory for storing the profile under **Location**. If desired, add the **description** for the profile.



## Create new profile

\* Name: Chromium

Description:

Location: Profiles

**Save** **Cancel**

3. Click **Save**.

The profile will be saved and listed under **Configuration > Profiles**, even if you will not configure any settings in the next step.

4. Configure the desired settings.

The configuration dialog shows only those settings that can be configured for the selected app. If you want to change the scope of the profile (i.e. redefine which apps should be configured by the profile), click **App Selector** .



The parameter is inactive and will not be configured by the profile.

**IMPORTANT:** When you deactivate the parameter, the value will be automatically set back to the default value.



The parameter is active and the set value will be configured by the profile.



5. Save the changes.
6. Assign the profile to the required device / device directory. See [Assigning OS 12 Profiles to Devices, or Implicit App Assignment via Profiles](#)(see page 55).

## Assigning OS 12 Profiles to Devices, or Implicit App Assignment via Profiles

### **i** **Implicit App Assignment via Profiles**

An app is automatically assigned to a device via a profile which configures this app. Exception: IGEL OS Base System app

The app version that will be installed on the device via the implicit assignment if several profiles configure this app (but in different versions) is defined by the priority rules for profiles, see Prioritization of Profiles in the IGEL UMS and Summary - Prioritization of IGEL UMS Profiles. Note that the explicitly assigned app, i.e. app / app version selected as an object in the **Assign object** dialog, ALWAYS overwrites the implicitly assigned app. See [How to Assign Apps to IGEL OS Devices via the UMS Web App](#)(see page 71).

To assign profiles to a device / device directory, proceed as follows:

1. Under **UMS Web App > Devices**, select a device or device directory and click **Assign object**.



2. Select the profile you want to assign to the device / device directory and use the arrow button or drag & drop.

The screenshot shows the 'Assign Object to Device' dialog box. At the top, there's a header with a back arrow and the text 'Assign Object to Device'. Below it is a section labeled 'ITC005056938D22' with a 'Filter objects' input field and several small icons. The main interface is divided into two panels: 'Assignable Objects' on the left and 'Assignments' on the right. The 'Assignable Objects' panel contains a list of items with shield icons: Chromium, Background, SSH, Terminal, Firefox, and VMware Horizon. The 'Chromium' item is highlighted with a red box. To its right is a central area with a large red-bordered arrow pointing from left to right, indicating the direction of assignment. Below this is another red-bordered arrow pointing from right to left. At the bottom right of the dialog are 'Cancel' and 'Save' buttons, with 'Save' being highlighted by a red box.

3. Save the changes.



4. Decide when the changes should become effective.

**ⓘ Update Time**

When should these changes take effect?

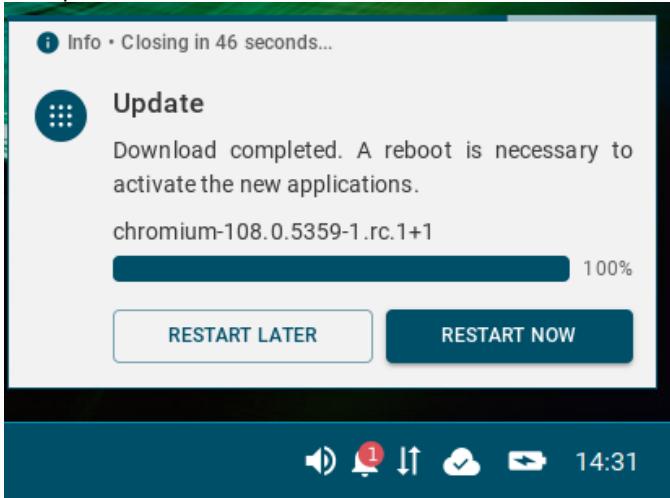
On reboot  Now

**✓ Confirm**

An app assigned via the profile will be downloaded by the device.

- ⓘ** By default, apps / app versions are automatically activated at the next reboot. The user will receive a corresponding notification.

Example:



If you have configured the background app update, an **Update** command must be sent, instead. For details, see [How to Configure the Background App Update in the IGEL UMS Web App](#)(see page 98).

The assigned profile and the app assigned to the device via this profile are displayed under **Devices > Assigned Objects**.



A screenshot of the IGEL UMS Web App interface. The top navigation bar includes tabs for 'Devices', 'Configuration' (which is selected), 'Apps', and '3 more'. On the right, there are links for 'App Portal', 'Help', and language selection ('English'). The main content area shows a 'Directory Tree' on the left with categories like 'Devices (5)', 'Augsburg (4)', 'techdoc (4)', 'QA (1)', 'RD (3)', and 'Bremen (1)'. The central panel displays a list of objects under 'RD' with entries 'ITC005056938D22', 'td-RD01', and 'td-RD02'. A red arrow points from the text below to the 'Assigned Objects' tab in the 'Custom Properties' section of the right-hand panel. This panel also includes tabs for 'System Information', 'Licenses', 'Network Adapter', and 'Installed Apps'. The 'Installed Apps' tab is highlighted with a red box, and it lists 'Chromium' (OS 12) and 'Chromium Browser'. A note at the bottom states 'Default Version (108.0.5359.94 BUILD 1 RC 1)'.

To check the installed apps, go to **Devices > Installed Apps**; see [Checking Installed Apps via the IGEL UMS Web App](#)(see page 75).

- i** To quickly assign a profile to a device / device directory, you can use the **Assign device** function under **Configuration > [name of the profile] > Assigned Devices**. To use this option, you should already know the name of the device / device directory or its part.

A screenshot of the 'Activated Settings' screen. It has three tabs: 'Activated Settings', 'Contained Files', and 'Assigned Devices', with 'Assigned Devices' highlighted by a red box. A red arrow points from the text above to the 'Assign device' button in the 'Contained Files' section. Below the tabs, there's a search bar labeled 'Filter objects' and a list of objects including 'RD1'. The bottom status bar shows 'Devices / Bremen / RD1'.

## Creating Profiles for IGEL OS 11 Devices

For how to create IGEL OS 11 profiles in the UMS Console, see [Creating Profiles in the IGEL UMS](#).

To create a profile for IGEL OS 11 devices via the UMS Web App, proceed as follows:

1. In the **UMS Web App > Configuration**, click **Create new profile** button.



2. Select **OS 11** (shown only if there are OS 11 devices registered in the UMS).

A screenshot of the IGEL UMS web application interface. The top navigation bar includes 'UMS 12', 'Devices', 'Configuration' (which is selected), 'Apps', '3 more', a bell icon, and 'App Portal'. The main left sidebar is titled 'Configuration Tree' and shows a tree structure with 'Profiles (6)' expanded, showing 'IGEL OS 11 (0)', 'IGEL OS 12 (6)' which has 'Apps (2)' and 'Base System (3)' as children, and 'Priority Profiles (1)' with 'IGEL OS 11 (1)' and 'IGEL OS 12 (0)'. A red arrow points from the 'Create new profile' dialog to the 'Profiles (6)' section in the sidebar. The central panel shows a list of profiles under 'IGEL OS 11' with '1 - 1 of 0'. A modal window titled 'Create new profile' is open, containing fields for 'Version' (radio buttons for 'OS 12' and 'OS 11', with 'OS 11' selected and highlighted by a red box), 'Name' (text input 'Firefox'), 'Description' (text input 'OS 11'), and 'Save' and 'Cancel' buttons at the bottom.

3. Enter the **name** of the profile and select the firmware **version** the profile is based on. If desired, add the **description** for the profile.
4. Click **Save**.  
The profile will be saved and listed under **Configuration > Profiles**, even if you will not configure any settings in the next step.
5. Configure the desired settings.

	The parameter is inactive and will not be configured by the profile. <b>IMPORTANT:</b> When you deactivate the parameter, the value will be automatically set back to the default value.
	The parameter is active and the set value will be configured by the profile.



A screenshot of the IGEL UMS web application's Profile Configurator for Firefox. The left sidebar shows a tree view of configuration categories: Sessions, Accessories, User Interface, Network, Devices, Security, and System. Under Sessions, "Firefox Browser" is selected. The main panel displays "Starting Methods for Session" with several checkboxes: "Start Menu" (checked), "Menu folder" (checked), "Start Menu's System tab" (checked), and "Application Launcher" (checked). At the bottom are "Close", "Save", and "Save and Close" buttons.

6. Save the changes.
7. Assign the profile to a device / device directory; see the instructions below.

### Assigning OS 11 Profiles to Devices

1. To assign a profile, go to **Devices > [name of the device / device directory] > Assign object**.

A screenshot of the IGEL UMS 12 web interface. The top navigation bar includes "UMS 12", "Devices", "Configuration", "4 more", "App Portal", "Help", "English", and a user icon. The main area shows a "Directory Tree" on the left with "Devices (5)" expanded, showing "Augsburg (4)", "techdoc (4)", "QA (1)", and "RD (3)". Below it, "Bremen (1)" is highlighted with a red box. The central pane shows a list of objects under "Bremen" with a "Filter objects" search bar. On the right, a details panel for "Bremen" shows a "Properties" section with fields: Name (Bremen), Number of contained devices (1), and Directory Path (Devices / Bremen). A red box highlights the "Assign object" button in the top right of the details panel.



2. Select the required profile and use the arrow button or drag & drop.

The screenshot shows the 'Assign Object to Directory' dialog. At the top, it says 'Bremen (2)' under 'Devices / Bremen'. Below that is a toolbar with icons for filter, search, and various settings. The main interface has two sections: 'Assignable Objects' on the left and 'Assignments' on the right. In the 'Assignable Objects' section, several items are listed with small icons: Firefox (highlighted with a red box), OS 11, Language, OS 12, Background, SSH, Terminal, and OS12. To the right of these is a large red box containing a blue right-pointing arrow icon. At the bottom right of the dialog are 'Cancel' and 'Save' buttons.

3. Save the changes.



4. Decide when the changes should become effective.

**ⓘ Update Time**

When should these changes take effect?

On reboot    Now

**✓ Confirm**

- i** To quickly assign a profile to a device / device directory, you can use the **Assign device** function under **Configuration > [name of the profile] > Assigned Devices**. To use this option, you should already know the name of the device / device directory or its part.

A screenshot of the IGEL UMS web interface. At the top, there are three tabs: "Activated Settings", "Contained Files", and "Assigned Devices", with "Assigned Devices" highlighted by a red box. Below the tabs is a search bar with the placeholder "Assign device" and a small icon. To the right of the search bar is a navigation area with arrows, a page number (1-2 of 2), a dropdown menu set to 10, a "Filter objects" input field, and icons for folder and device. At the bottom of the interface, there is a breadcrumb trail: "Devices / Bremen / RD1".

Activated Settings

Contained Files

Assigned Devices

Assign device

1-2 of 2 10 Filter objects

RD1 Devices / Bremen / RD1



## Apps - Import and Configure Apps for IGEL OS 12 Devices via the UMS Web App

In the **Apps** area of the UMS Web App, you can manage apps imported to the IGEL Universal Management Suite (UMS) for configuring your IGEL OS 12 devices.

- Info** To have access to the **Apps** area, you need **App Management** permission. You can set the permission in the **UMS Console > System > Administrator accounts**.  
For general information on rights and permissions, see Create Administrator Accounts.

Menu path: **UMS Web App > Apps**

Under **Apps**, you can find

- apps imported from the IGEL App Portal
- automatically registered apps. The UMS automatically registers all apps available on the devices, e.g. IGEL OS Base System, locally installed apps, and dependent apps that are automatically installed on the device during the installation of the main app (e.g. Citrix Multimedia Codec as a dependent app for Citrix Workspace app)

A screenshot of the UMS Web App interface. The top navigation bar includes 'UMS 12', 'Devices', 'Configuration', 'Apps' (which is highlighted), 'Network', '2 more', 'App Portal', 'Help', and 'English'. The left sidebar shows categories like 'All', 'Browser', 'Cloud', 'VDI', etc. The main content area shows a list of apps under 'All' category, including 'IGEL OS', 'Chromium Browser', 'libva for Chromium', 'Chromium Multimedia Codec', 'Citrix Multimedia Codec', 'CUPS printing app', 'Citrix Workspace app', and 'VMware Horizon Client'. A red '1' is over the 'All' category. A red '2' is over the 'Chromium Multimedia Codec' entry. On the right, a detailed view for 'Chromium Browser' is shown with tabs for 'Profile', 'Default Version', and 'Delete App'. A red '3' is over the 'Delete App' button. Below this, there's an 'Update Settings' section with a red '4' over the 'Check for updates' link. At the bottom, a table shows 'Versions' and 'Assigned Devices' with a red '5' over the 'Default Version' column header and a red '6' over the 'Assigned Devices' column header.

1 App categories	Shows all available app categories. <ul style="list-style-type: none"><li>▶ Click <b>All</b> to view apps from all categories.</li><li>▶ Click a specific category to view all apps within this category.</li></ul>
2 App list	Shows apps contained in the selected category.



		<ul style="list-style-type: none"><li>• Paging for the navigation in the app list</li><li>• Defining the number of apps to be displayed on one page</li><li>• Filtering apps by <b>Name</b></li><li>• Sorting apps by <b>Name</b></li></ul>
3	Comma nds	<p><b>Create new profile:</b> Creates a profile for the app selected in the app list. For more information on profile creation, see <a href="#">How to Create and Assign Profiles in the IGEL UMS Web App</a>(see page 50).</p> <p><b>Set Default Version:</b> Defines which app version will be assigned to a device /device directory if no specific app version is selected during the app assignment or the creation of a profile configuring this app. See <a href="#">How to Set a Default Version of an App in the IGEL UMS</a>(see page 69).</p> <p><b>Delete app:</b> Deletes an app selected in the app list if this app is nowhere used. See <a href="#">How to Delete Apps in the IGEL UMS Web App</a>(see page 81).</p>
4	App inform ation	Details for the app selected in the app list such as <b>Newest imported version</b> , <b>Default version</b> that is selected under <b>Set Default Version</b> , availability of a newer version (depending on the configuration under <b>Update Settings</b> ).
5	Update Setting s	Defines update settings for the app selected in the app list. See <a href="#">Configuring Update Settings for Individual IGEL OS Apps</a> (see page 88).



6 Version Shows information on all available versions of the app, e.g. if and how an app version is used (installed, assigned, used in profiles).

- To delete a selected app version, click . See [How to Delete Apps in the IGEL UMS Web App](#)(see page 81).

An app version with End User License Agreement (EULA) not accepted is marked with an exclamation mark.

- To accept the EULA for the app, click **Accept EULA**. This can be necessary, for example, for [automatically registered apps](#)(see page 63) or if the EULA is changed. If not accepted in the UMS, the EULA can still be accepted by your users locally on the device via the corresponding notification dialog.

The screenshot shows the 'Versions' tab in the IGEL UMS Web App. There are four versions listed:

Version	Installed	Assigned	Profiles
Default version (12.01.100 BUILD 1 R...)	1	1	4
12.1.100 BUILD 1 TP 2	0	0	0
File size unknown	imported by #device	imported on Jan 20, 2023	

The second row, '12.1.100 BUILD 1 TP 2', has an exclamation mark icon next to it. Below this row, there is a section labeled 'EULA State' with the status 'Not Accepted' and a button labeled 'Accept EULA'.



Assigned Devices	<p>Shows all devices / device directories to which the selected app is assigned.</p> <table border="1" data-bbox="289 377 1432 669"> <thead> <tr> <th>Versions</th><th>Assigned Devices</th></tr> </thead> <tbody> <tr> <td>1 - 2 of 2    10</td><td> <input type="text"/> 1  <span>Quality Assurance</span> <span>../Quality Assurance</span> 3  <span>ITC005056938D22</span> 3            12.1.100-1.rc.8+1         </td></tr> </tbody> </table>	Versions	Assigned Devices	1 - 2 of 2    10	<input type="text"/> 1 <span>Quality Assurance</span> <span>../Quality Assurance</span> 3 <span>ITC005056938D22</span> 3 12.1.100-1.rc.8+1
Versions	Assigned Devices				
1 - 2 of 2    10	<input type="text"/> 1 <span>Quality Assurance</span> <span>../Quality Assurance</span> 3 <span>ITC005056938D22</span> 3 12.1.100-1.rc.8+1				
7 Settings	<p>Allows you to configure global settings for the app updates. See <a href="#">Configuring Global Settings for the Update of IGEL OS Apps</a>(see page 84).</p>				

- How to Import IGEL OS Apps from the IGEL App Portal(see page 67)
- How to Set a Default Version of an App in the IGEL UMS(see page 69)
- How to Assign Apps to IGEL OS Devices via the UMS Web App(see page 71)
- Checking Installed Apps via the IGEL UMS Web App(see page 75)
- Detaching Apps from the IGEL OS Device(see page 78)
- How to Delete Apps in the IGEL UMS Web App(see page 81)
- Updating IGEL OS Apps(see page 83)



## How to Import IGEL OS Apps from the IGEL App Portal

To manage IGEL OS 12 devices, you need to import IGEL OS Apps of your choice from the IGEL App Portal.

- i** To have access to the IGEL App Portal, you have to preliminary register your IGEL Universal Management Suite (UMS); see Registering the UMS.

To import apps to the IGEL UMS, proceed as follows:

1. In the UMS Web App, click **App Portal**.



2. Select the required app.

A screenshot of the IGEL App Portal's main interface. The title bar says "APP PORTAL UMS ADMIN". Below it is a search bar with "All Apps" and a "Discover Our Apps" section. The "Discover Our Apps" section has tabs for "ALL", "AVAILABLE", and "IMPORTED" (which is selected). It lists several apps:

- CPcore Binary (1.1.0 BUILD 2)
- CUPS printing app (1.0.0 BUILD 2)
- Chromium Browser (108.0.5359.124 BUILD 1 RC 3) - This app is highlighted with a red box.
- Chromium Multimedia Codec (107.0.5304.62 BUILD 1 RC 2)
- Chromium ffmpeg codec (108.0.5359+1 BUILD 1)
- Cisco Jvdi plugin (14.1.2.307144 BUILD 1)
- Citrix Multimedia Codec (87.0.4280.141 BUILD 3)
- Citrix Workspace App (23.2.0.10-1 BUILD 1 RC 1)

Each app card shows its name, version, last update, size, and category (e.g., Cloud, Peripheral, Browser, VDI).



3. Select the required version and click **Import**.

The screenshot shows the UMS App Portal interface. At the top, there's a navigation bar with the IGEL logo, the text "THE NEXT-GEN EDGE OS FOR CLOUD WORKSPACES", and sections for "APP PORTAL" and "UMS ADMIN". Below this, the main content area has a breadcrumb trail: "All Apps > Chromium Browser". The central part of the screen displays the "Chromium Browser" app details. It includes a large blue circular icon, a dropdown menu showing "Versions 108.0.5359.124 BUILD 1 RC 3", and a prominent blue "IMPORT" button. This "IMPORT" button is highlighted with a red box. Below the app icon, there are tabs for "DESCRIPTION" and "HISTORY". A detailed description of the Chromium browser follows, mentioning it's an open source project. Under "Categories", "Browser" is listed. At the bottom, author information is shown: "Author IGEL Technology GmbH", "Version 108.0.5359.124 BUILD 1 RC 3", and "Published Date 08. February 2023".

4. Accept the End User License Agreement (EULA) and wait for the import to be finished.
5. In the UMS Web App, go to **Apps** to view the imported app.

The screenshot shows the UMS Web App interface. At the top, there's a navigation bar with the "UMS 12" logo, "Devices", "Apps" (which is selected and highlighted in yellow), and "4 more". The main content area has a sidebar on the left with "Apps" and a "All" filter. The main panel shows a list of apps, with "Chromium Browser" highlighted by a red box. To the right of the list, there's a detailed view of the "Chromium Browser" app. It includes a "Create new profile" button, a "Set Default Version" button, and a "Delete App" button. Below these are status messages: "Newest imported Version: 108.0.5359.124 BUILD 1 RC 3" and "Default Version: 108.0.5359.124 BUILD 1 RC 3". A note says "The newest available Version is unknown". On the far right, there's a "Check for updates" button and a "Categories: Browser" label next to a blue circular icon.



## How to Set a Default Version of an App in the IGEL UMS

If you have imported several versions of an app to the IGEL Universal Management Suite (UMS), you can define which version will be a **Default Version**.

**Default Version** is a version that will be assigned to a device / device directory if no version is specified during the assignment of an app (see [How to Assign Apps to IGEL OS Devices via the UMS Web App](#)(see page 71)) or during the creation of a profile configuring this app (see [How to Create and Assign Profiles in the IGEL UMS Web App](#)(see page 50)).

- ⓘ **A Default Version** is set globally: If changed, all assignments where no version was explicitly specified will change with it.
  
- ✓ The best practice is to use the **Default Version** during the app assignment and profile creation. The use of a specific version during the app assignment and profile creation is recommended for test purposes, e.g. to test app updates. After successful testing, you can change your Default Version.

Menu path: **UMS Web App > Apps**

To set a Default Version for an app:

1. Under **UMS Web App > Apps**, select the required app and click **Set Default Version**.

A screenshot of the IGEL UMS Web App interface. The top navigation bar includes 'UMS 12', 'Devices', 'Configuration', 'Apps', and other options. On the left, a sidebar shows categories like 'All', 'Browser', 'Cloud', 'VDI', etc. The main content area is titled 'Chromium Browser'. It shows 'Create new profile' and 'Set Default Version' buttons. Below that, it displays 'Newest Imported Version' (108.0.5359.94 BUILD 3) and 'Default Version' (108.0.5359.94 BUILD 1 RC 1). A green status bar indicates 'Your version is up to date'. The 'Assigned Devices' section shows 1 Profile assigned. The 'Versions' table lists three entries: 'Default version (108.0.5359.94 BUILD ...)' (2 Installed, 0 Assigned, 1 Profile), '108.0.5359.94 BUILD 1 RC 1' (2 Installed, 0 Assigned, 0 Profiles), and '108.0.5359.94 BUILD 3' (0 Installed, 0 Assigned, 0 Profiles).

Versions	Assigned Devices
Default version (108.0.5359.94 BUILD ...)	2 Installed, 0 Assigned, 1 Profiles
108.0.5359.94 BUILD 1 RC 1	2 Installed, 0 Assigned, 0 Profiles
108.0.5359.94 BUILD 3	0 Installed, 0 Assigned, 0 Profiles



2. Select the desired Default Version.

A screenshot of a web-based configuration interface titled "Set Default Version". It features a dropdown menu labeled "Version" containing three options:

- 108.0.5359.94 BUILD 1 RC 1
- 108.0.5359.94 BUILD 1 RC 1 (highlighted with a yellow background)
- 108.0.5359.94 BUILD 3

3. Save the changes.



## How to Assign Apps to IGEL OS Devices via the UMS Web App

In the IGEL Universal Management Suite (UMS), there are two methods to assign an app to your devices:

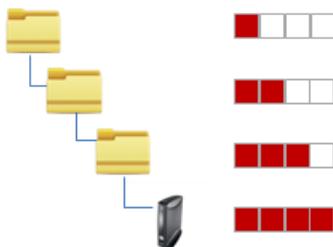
- Implicit app assignment via profiles: An app is automatically assigned to a device via a profile which configures this app. Exception: IGEL OS Base System app. See [How to Create and Assign Profiles in the IGEL UMS Web App](#) (see page 50).
- Explicit app assignment via the **Assign object** dialog, see below.

**i** An explicitly assigned app **ALWAYS** overwrites an implicitly assigned app.

### Explicit App Assignment

**i** For the assignment of the IGEL OS Base System app, the permission **Assign Base System / Firmware Update** is required. You can set the permission in the UMS Console via **[context menu of a device / device directory] > Access control**. General information on rights and permissions can be found under Create Administrator Accounts.

**⚠** If various app versions have been assigned to a device (e.g. via direct and indirect assignment), the version which is closer to the device in the directory tree will have the priority and will be installed on the device.



To assign apps to a device / device directory, proceed as follows:

1. Under **UMS Web App > Devices**, select a device or device directory and click **Assign object**.

A screenshot of the UMS 12 web interface. The top navigation bar includes links for Devices, Configuration, Apps, and more. The main area shows a 'Devices' view with a tree structure on the left. A specific item 'ITC005056938D22' is selected and highlighted with a red box. On the right, a detailed view of this item is shown with several buttons at the top: 'Edit Configuration', 'Shadow', 'Assign object' (which is also highlighted with a red box), 'Reboot', and 'Shutdown'. Below these buttons are sections for 'Properties' and 'Custom Properties'. At the bottom of the screen, there are tabs for 'Assigned Objects', 'System Information', 'Licenses', 'Network Adapter', and 'Installed Apps'.



2. Select the required app (and its specific version, if necessary).

**Info:** If no version is specified for an app during the assignment, the Default Version (see page 69) will be used. It is possible to select the version for an app in the **Assign Object** dialog either under **Assignable Objects** or under **Assignments**.

The screenshot shows the 'Assign Object to Device' dialog for device ITC005056938D22. The left panel, 'Assignable Objects', lists several apps: Chromium Browser, Citrix Multimedia Codec, IGEL OS, and CUPS printing app. The 'Chromium Browser' item is highlighted with a red box and has a red arrow pointing to its 'Default Ver...' dropdown. The right panel, 'Assignments', lists assignments for Terminal, OS12, Chromium, and OS 12. A red box highlights the 'Chromium' assignment, and a red arrow points from the 'Chromium' assignment back to the 'Chromium Browser' object in theAssignable Objects list. At the bottom right are 'Cancel' and 'Save' buttons.



Assign Object to Device

ITC005056938D22

Filter objects

Assignable Objects

- Citrix Multimedia Codec
- IGEL OS
- CUPS printing app
- Zoom Media Plugins for VDI

Default Ver...

Assignments

- Chromium Browser
- Terminal
- OS12
- Chromium
- OS 12

Default Versio...

→ ←

Cancel Save

The screenshot shows the 'Assign Object to Device' dialog box for device ITC005056938D22. On the left, under 'Assignable Objects', there are four items: Citrix Multimedia Codec, IGEL OS, CUPS printing app, and Zoom Media Plugins for VDI. Each item has a 'Default Ver...' dropdown. On the right, under 'Assignments', there are five assignments: Chromium Browser, Terminal, OS12, Chromium, and OS 12. Each assignment has a 'Default Versio...' dropdown. At the bottom right, there are 'Cancel' and 'Save' buttons, with 'Save' being highlighted by a red box and a red arrow pointing to it from the 'Default Version' dropdown in the 'Assignments' list.

3. Save the changes.



- Decide when the changes should become effective.

**Update Time**

When should these changes take effect?

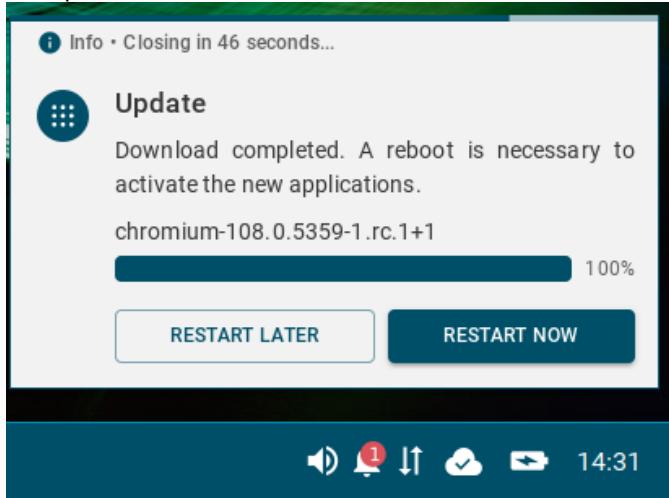
On reboot  Now

**✓ Confirm**

The app will be downloaded by the device.

- i** By default, apps / app versions are automatically activated at the next reboot. The user will receive a corresponding notification.

Example:



If you have configured the background app update, an **Update** command must be sent, instead. For details, see [How to Configure the Background App Update in the IGEL UMS Web App](#)(see page 98).

The assigned app is displayed in the UMS Web App under **Devices > Assigned Objects**.

To check the installed apps, go to **Devices > [name of the device] > Installed Apps**; see [Checking Installed Apps via the IGEL UMS Web App](#)(see page 75).



## Checking Installed Apps via the IGEL UMS Web App

You can view all apps present on the IGEL OS device and their status via the UMS Web App:

1. Under **UMS Web App > Devices**, select the required device.
2. Select **Installed Apps**.

A screenshot of the IGEL UMS Web App interface. The left sidebar shows a directory tree with categories like Devices, Configuration, and more. The main content area shows a list of objects under 'Devices / Augsburg / techdoc / RD'. One object, 'ITC005056938D22', is highlighted with a red box. To the right, a detailed view of this object is shown with tabs for Properties, Custom Properties, Assigned Objects, System Information, Licenses, Network Adapter, and Installed Apps. The 'Installed Apps' tab is also highlighted with a red box. A list of installed applications is displayed, including VMware Horizon Client, Chromium Browser, libva for Chromium, Chromium Multimedia Codec, and IGEL OS, all marked as 'installed'.

Possible states:

State	Description
<b>installed</b>	The app is currently installed and usable.
<b>downloaded</b>	The app is successfully downloaded but needs manual activation. Use the <b>Update</b> command for this purpose.
<b>pending</b>	The app download was requested but cannot be done because of the multistage update. The app will be downloaded in multiple stages. Trigger the process manually using the <b>Update</b> command.
<b>pending marked for installation</b>	The app download was requested but cannot be done because of the multistage update. The app will be downloaded in multiple stages. The multistage update will be done on reboot.
<b>marked for installation</b>	The app is successfully downloaded and will be activated on the next reboot.
<b>removal pending</b>	The app has been removed but needs manual activation. Use the <b>Update</b> command for this purpose.



<b>marked for removal</b>	The app will be removed on the next reboot.
<b>unusable</b>	The app is installed but not usable. This can happen, for example, if the app requires a certain license, which the device does not have. Example: The device has a Starter license, and thus cannot use MMCP.
<b>download failed</b>	Download of the app has failed. This can happen, for example, if the App Portal was not reachable or the device has no valid authentication token.
<b>activation failed</b>	The app could not be activated because the multistage update was needed, but the App Portal was not available when activating the app.  The device will repeat the app activation on the next reboot. If the background app update is configured, use the <b>Update</b> command, instead.
<b>Note:</b>	<b>Reboot</b> and <b>Update</b> commands can be found in the UMS Web App under <a href="#">Devices</a> (see page 17).  The <b>Update</b> command is only required if the background app update is configured; see <a href="#">How to Configure the Background App Update in the IGEL UMS Web App</a> (see page 98).

**i** **Installed Apps ≠ Assigned Objects**

Under **Installed Apps**, you may see apps that are not listed under **Assigned Objects**.

Typical examples:

- You have just onboarded your IGEL OS 12 device. The system will automatically recognize and show your IGEL OS base app under **Installed Apps**. You will not see this app under **Assigned Objects** unless you decide to assign, for example, a new version for it.
- Apps with no configurable parameters (e.g. dependant apps, codecs) such as Chromium Multimedia Codec, Fluendo libva for Chromium, Citrix Multimedia Codec, are automatically installed on the device during the installation of the main app, e.g. Chromium Browser app, Citrix Workspace app. You will see them at first only under **Installed Apps**. However, if you decide to import another version of such an app and assign it to the device via the UMS, you will see it also under **Assigned Objects**.
- You decided not to use the UMS, but to install apps locally on the device. See e.g. [Installing IGEL OS Apps Locally on the Device](#).



- To find out which devices have a certain app / app version installed or not installed, you can also create a view in the UMS Console using the criterion **Installed Apps**. Under **App Version**, specify not a display version of an app (e.g. not 22.12.1 BUILD 1 RC 1), but a "technical" version, e.g. 22.12.1-1.rc.2+1 (can be found, for example, under **UMS Web App > Devices > [name of the device] > Installed Apps**).

A screenshot of the IGEL Universal Management Suite 12 web interface. On the left, the 'Server' sidebar shows 'Views (0)' selected. In the center, a 'Views' dialog is open with a 'Create new view' tab. The 'Name' field contains 'app'. Under 'Select criterion', the 'Installed Apps' option is selected and highlighted with a red box. At the bottom right of the dialog are 'Cancel', 'Finish', 'Next', and 'Back' buttons.

A screenshot of the 'Create new view' dialog. It has a title bar 'Create new view' and a close button 'x'. Below it is a section titled 'Query for installed Apps' with three dropdown filters:

- 'App Name' set to 'equal to' with the value 'VMware Horizon Client' highlighted with a yellow box.
- 'App Version' set to 'equal to' with an empty input field and a note '(leave blank means all versions)'.
- 'App State' set to 'equal to' with the value 'installed'.

At the bottom are 'Cancel', 'Finish', 'Next', and 'Back' buttons.



## Detaching Apps from the IGEL OS Device

In the IGEL Universal Management Suite (UMS), you can detach apps that you no longer require.

- ⚠** In the case of the explicit app assignment: If you detach an app from a device, this app will be **uninstalled on the device**. Exception: IGEL OS Base System app is non-uninstallable.
- In the case of the implicit app assignment: If you detach a profile from a device, the app configured via this profile will be **uninstalled on the device**.
- For more information on implicit and explicit app assignment, see [How to Assign Apps to IGEL OS Devices via the UMS Web App](#)(see page 71).

Menu path: **UMS Web App > Devices > [name of the device / device directory] > Assign object**

To detach an app from your device, proceed as follows:

1. Under **Devices**, select the device / device directory from which you want to detach an app and click **Assign object**.

A screenshot of the UMS 12 web interface. The top navigation bar includes 'Devices', 'Configuration', 'Apps', and '3 more'. The left sidebar shows a 'Directory Tree' with categories like 'Devices (4)', 'Augsburg (2)', 'techdoc (2)', 'Quality Assurance (1)', 'RD (1)', 'Bremen (2)', and 'RD1 (2)'. The main content area shows a list of objects under 'RD', with one item 'ITC005056938D22' selected and highlighted with a red box. To the right of the list is a detailed view for 'ITC005056938D22' with tabs for 'Properties', 'Custom Properties', and 'Assigned Objects'. A red box highlights the 'Assign object' button in the top right of this view. Other buttons include 'Edit Configuration', 'Shadow', 'Reboot', and 'Shutdown'.

2. Select the app to be detached or, in the case of the implicit app assignment, a profile via which this app is installed on the device, and click the left arrow button.  
In the case of the explicit app assignment:



Assign Object to Device

ITC005056938D22

Filter objects

Assignable Objects

- CUPS printing app
- Zoom Media Plugins for VDI
- Citrix Workspace app
- Firefox

Default Vers... Default Vers... Default Vers... Default Vers...

Assignments

- Chromium Browser
- IGEL OS
- VMware Horizon Client
- Background app update

Default Vers... Default Vers... Default Vers... Default Vers...

→ ←

The screenshot shows the 'Assign Object to Device' dialog box. The 'Assignable Objects' section contains four items: 'CUPS printing app', 'Zoom Media Plugins for VDI', 'Citrix Workspace app', and 'Firefox'. The 'Assignments' section contains four items: 'Chromium Browser', 'IGEL OS', 'VMware Horizon Client', and 'Background app update'. A red box highlights the 'Chromium Browser' assignment. A red arrow points from the 'Assignable Objects' section to the 'Assignments' section. The 'Save' button at the bottom is checked.

In the case of the implicit app assignment:

A screenshot of the "Assign Object to Device" dialog box. The title bar says "Assign Object to Device" and "ITC005056938D22". Below the title is a "Filter objects" input field and a row of icons. The main area is divided into two sections: "Assignable Objects" on the left and "Assignments" on the right. In the "Assignable Objects" section, there are four items: "Chromium Multimedia Codec", "libva for Chromium", "Citrix Multimedia Codec", and "CUPS printing app". In the "Assignments" section, there are five items: "VMware Horizon Client", "Background app update", "Terminal", "OS12", and "Chromium". The "Chromium" item is highlighted with a red border. A blue double-headed arrow icon is positioned between the two sections. At the bottom are "Cancel" and "Save" buttons.

The screenshot shows the "Assign Object to Device" dialog box. On the left, under "Assignable Objects", are listed "Chromium Multimedia Codec", "libva for Chromium", "Citrix Multimedia Codec", and "CUPS printing app". On the right, under "Assignments", are listed "VMware Horizon Client", "Background app update", "Terminal", "OS12", and "Chromium". The "Chromium" item in the assignments list is highlighted with a red border. A blue double-headed arrow icon is located between the two lists. At the bottom are "Cancel" and "Save" buttons.

3. Save the changes.

The app will be uninstalled on the device at the next reboot. If you have enabled the [background app update](#)(see page 98), the **Update** command must be sent, instead.

**Quick Object Detaching**

As an alternative, you can simply navigate to the object to be detached in the **UMS Web App > Devices > [name of the device / device directory] > Assigned Objects**(see page 33) and click the **Detach object** button (shown for directly assigned objects only).



## How to Delete Apps in the IGEL UMS Web App

In the IGEL Universal Management Suite (UMS) Web App, you can clean the app pool and delete apps and app versions that are no longer required.

- i** Only unused apps / app versions can be deleted.  
If you delete an app / app version, it will be immediately removed from the UMS, i.e. without moving to the Recycle Bin.

Menu path: **UMS Web App > Apps**

### Deleting an App Version

To remove an app version:

1. Go to the **Apps** and select the required app.

The screenshot shows the UMS 12 interface with the 'Apps' tab selected. On the left, a sidebar lists categories: All, Browser, Cloud, VDI, Unified Communication, Printing, Peripheral, and Base. Under 'Browser', there is one item: 'Chromium Browser'. This item is highlighted with a red box. At the bottom right of the main content area, there is a red box highlighting the list of app versions for 'Browser'.

2. Click **Versions**.

All available versions will be shown.

3. Click

- the brush symbol to delete all unused versions, i.e. that are not installed, assigned, used in profiles, or set as a Default Version



- to delete a specific version

Versions				Assigned Devices		
3 Versions				2 Installed	1 Assigned	1 Profiles
▶ Default version (108.0.5359.94 BUILD ...)		1		1		0
▶ 108.0.5359.94 BUILD 1 RC 1		1		0		1
▶ 108.0.5359.124 BUILD 1 RC 2		0		0		0
▶ 108.0.5359.94 BUILD 3		1		0		0

## Deleting an App

To remove an app:

1. Under **Apps**, select the required app.
2. Click **Delete app**.

The screenshot shows the UMS Web App interface. On the left, a sidebar menu is open under the 'Apps' section, showing categories like All, Browser, Cloud, VDI, Unified Communication, etc. In the main content area, a card for the 'zoom' application is displayed. The card includes the application name, a brief description ('Zoom Media Plugins for VDI'), and a 'Delete App' button which is highlighted with a red box. Below the card, there's a summary of versions and assigned devices, followed by a table showing individual version details with their own delete icons.



## Updating IGEL OS Apps

The update procedure for the IGEL OS base system does not differ from the procedure for other apps. The update and downgrade procedures are also the same.

To update your apps, you have to

1. Configure global settings for app updates.
  2. Configure update settings for individual apps.
  3. Trigger the app update.
- [Configuring Global Settings for the Update of IGEL OS Apps\(see page 84\)](#)
  - [Configuring Update Settings for Individual IGEL OS Apps\(see page 88\)](#)
  - [How to Trigger the App Update in the IGEL UMS\(see page 90\)](#)
  - [Multistage Update of IGEL OS Base System\(see page 94\)](#)
  - [How to Configure the Background App Update in the IGEL UMS Web App\(see page 98\)](#)



## Configuring Global Settings for the Update of IGEL OS Apps

When preparing for updating your IGEL OS Apps, you have to first check if the global update settings set by default in the IGEL Universal Management Suite (UMS) suit your needs and, if not, adjust them accordingly.

Menu path: **UMS Web App > Apps > Settings**

A screenshot of the UMS Web App interface. On the left, there's a sidebar with 'Apps' selected. The main area shows a list of apps: 'IGEL OS' and 'Chromium Browser'. A red dashed arrow points from the 'Settings' gear icon in the top right of the main area to the 'Settings' tab in the dialog box on the right. The 'Automatic Updates' tab is active. It contains two sections: 'Automatic check for updates' (set to 'Every second hour') and 'Updates will first be checked 17 minutes after server-startup' (set to '17 minutes (recommended)'). At the bottom are 'Reset' and 'Save' buttons.

### **i** Permissions

To access the **Apps** area, **App Management** permission is required. You can set the permission in the **UMS Console > System > Administrator accounts**.

To access various tabs under **Apps > Settings**, set the following rights:

- **UMS as an Update Proxy:** Permissions for the node **UMS Features** under **UMS Console > UMS Administration > Global Configuration**
  - **App Portal and Automatic Updates:** Permissions for the node **Server Network Settings** under **UMS Console > UMS Administration > Global Configuration**
- For how to set permissions, see Access Rights in the Administration Area.

## UMS as an Update Proxy

### UMS as an Update Proxy

**Devices should download the apps from:** Defines from where the devices should download the assigned apps / app versions:

- **Download directly from App Portal:** The devices will download the assigned apps directly from the IGEL App Portal (defined in the tab **App Portal**). Only the metadata of the imported apps are stored on the UMS Server.



- **Download from UMS** (Default): The devices will download the assigned apps from the UMS Server. Both the metadata and binaries of the imported apps are stored on the UMS Server; the app binaries can be found in the `[IGEL installation directory]/rmguiserver/persistent/ums-appproxy/files`.
  - If the app cannot be downloaded from the UMS for some reason (e.g. the UMS Server is unreachable), there is a fallback to the IGEL App Portal (defined in the tab **App Portal**) or to the hardcoded App Portal. If you want, however, to deactivate the fallback to the App Portal, you can use the following registry key:

<b>Parameter</b>	Use only repositories deployed by the UMS
<b>Registry</b>	<code>update.use_only_manager_repos</code>
<b>Type</b>	<code>bool</code>
<b>Value</b>	enabled / disabled (default)

- The synchronization with the App Portal is performed once a day. If the device requests an app before the synchronization (i.e. before the app binaries are available in the UMS), the app will be downloaded to the UMS Server, so that the device can take the app from there.
- Unused apps are automatically removed once a week.
- Apps are automatically synchronized between the UMS Servers.
- If you want to upload private builds or custom apps, click **Upload** button. The uploaded apps will be listed in the **UMS Web App > Apps** and will be stored in the `[IGEL installation directory]/rmguiserver/persistent/ums-appproxy/files`.



The screenshot shows the 'Settings' screen with three tabs: 'UMS as an Update Proxy' (highlighted with a red box), 'App Portal', and 'Automatic Updates'. Under the 'UMS as an Update Proxy' tab, there is a dropdown menu labeled 'Devices should download the Apps from ....' with the option 'Download from UMS' selected. Below the dropdown is a red-bordered 'Upload' button. At the bottom of the screen are 'Reset' and 'Save' buttons.

**i** Uploaded apps cannot overwrite apps known to the official App Portal, i.e. apps that are available in the IGEL App Portal cannot be uploaded via the **Upload** button.

**!** If you have an IGEL UMS High Availability or Distributed UMS installation, note that a web certificate must be defined for all servers. It must contain the Cluster Address (if set) and all server addresses and be assigned to all servers. For detailed information on the Cluster Address and instructions on how to define a web certificate for all servers, see Server Network Settings in the IGEL UMS.

**✓** For better UMS performance and for avoiding problems with disk space, it is recommended to regularly delete unused apps / app versions. See [How to Delete Apps in the IGEL UMS Web App](#)(see page 81).

## App Portal

**App Portal base URL:** Specifies which App Portal should be used for importing apps.

**i** Make NO changes here unless you know exactly what you are doing!



## Automatic Updates

### Automatic Check for Updates

Settings specified here will be used for all apps for which **Check for updates** or **Check for updates and auto-import into UMS** were set in the [Update Settings](#)(see page 88) area:

- **Updates will be checked every [number] minutes** (Default: Every second hour)
- **Updates will first be checked [number] minutes after server startup** (Default: 17)



## Configuring Update Settings for Individual IGEL OS Apps

For each app in the IGEL Universal Management Suite (UMS), you can define the update settings.

Main path: **UMS Web App > Apps > [name of the app] > Update Settings**

A screenshot of the UMS Web App interface. The top navigation bar includes 'Devices', 'Configuration', 'Apps' (which is selected), and '3 more'. Below the navigation is a search bar and a breadcrumb trail: 'All &gt; All &gt; Apps &gt; Chromium Browser'. A modal window titled 'Update Settings' is open over the main content. Inside the modal, there are three radio button options under 'Automatic check for updates in UMS': 'Check for updates' (selected), 'Check for updates and auto-import into UMS', and 'Do not check for updates'. Below this is a section for 'Default Version for assigned Devices' with two radio button options: 'Auto-update Default Version to newest Version' (selected) and 'Update Default Version manually'. At the bottom of the modal are 'Save' and 'Cancel' buttons. The background shows a list of installed apps: IGEL OS, Chromium Browser (selected), libva for Chromium, Chromium Multimedia Codec, and Cisco Webex VDI. To the right of the list, there are sections for 'Categories: Browser', 'Assigned Devices', and status indicators: '3 Versions', '1 Installed', '2 Assigned', and '1 Profiles'. A red arrow points from the text 'Select the required settings:' towards the 'Update Settings' modal.

To configure the update settings for an individual app:

1. In the **UMS Web App > Apps**, select an app and navigate to **Update Settings** area.

2. Click .

3. Select the required settings:

### Automatic check for updates in UMS

- **Check for updates** (Default): It will be automatically checked if a newer version of the app is available in the IGEL App Portal. The check is performed every 120 minutes (can be configured under [Apps > Settings > Automatic Updates](#)(see page 84)). You can trigger the import into the UMS by clicking the **Import newest version from App Portal** button.
- **Check for updates and auto-import into UMS**: If available, a newer version of an app will be automatically imported from the IGEL App Portal. The automatic check for updates is performed every 120 minutes (can be configured under [Apps > Settings > Automatic Updates](#)(see page 84)).
- **Do not check for updates**: It will not be automatically checked if a newer version of the app is available in the IGEL App Portal. You can manually check for updates by clicking the **Check for updates** button.



### Default Version for assigned devices

- **Auto-update Default Version to newest version:** The newest imported version of an app will be automatically set as a **Default Version**. This does not apply to the already imported versions.

**i** It is recommended to set a **Default Version** manually since a Default Version is set globally: If changed, all assignments where no version was explicitly specified will change with it.

- **Update Default Version manually (Default):** You can manually select which version will be a **Default Version**, see [How to Set a Default Version of an App in the IGEL UMS](#)(see page 69).

4. Save the settings.



## How to Trigger the App Update in the IGEL UMS

IGEL Universal Management Suite (UMS) offers several possibilities to update your IGEL OS Apps. Generally, you can choose between changing the Default Version of an app or selecting a specific version.

- ✓ The best practice is to use the **Default Version**.

Using a specific version is recommended for test purposes, e.g. to test app updates. After successful testing, you can change your **Default Version**.

The update procedure for the IGEL OS Base System does not generally differ from the procedure for other apps. The update and downgrade procedures are also the same.

- ⓘ For the assignment of the IGEL OS Base System app, the permission **Assign Base System / Firmware Update** is required. You can set the permission in the UMS Console via **[context menu of a device / device directory] > Access control**.  
For general information on rights and permissions, see Create Administrator Accounts.

### Options to Trigger the App Update

- ⓘ Remember that the app should already be assigned to the device. This fact can be forgotten, esp. if you update your IGEL OS Base System for the first time.

As soon as a new app version has been imported to the UMS, you can use one of the following options to start the app update:

- Set manually the new version as a **Default Version** if you decided against **Auto-update Default Version to newest version** under [Apps > \[name of the app\] > Update Settings](#)(see page 88). See [How to Set a Default Version of an App in the IGEL UMS](#)(see page 69)

**⚠** Changing a **Default Version** should be a well-considered decision. Therefore, it is recommended to set a **Default Version** manually.

- In the case of the explicit app assignment: Go to **Devices > [device / device directory name] > Assign object** and select the new version under **Assignments**. For more information on the explicit app assignment, see [How to Assign Apps to IGEL OS Devices via the UMS Web App](#)(see page 71).



Screenshot of the "Assign Object to Device" dialog in the IGEL UMS Web App. The dialog shows two main sections: "Assignable Objects" on the left and "Assignments" on the right. In the "Assignable Objects" section, there are four items: Cisco Webex VDI, Chromium Multimedia Codec, libva for Chromium, and Citrix Multimedia Codec. In the "Assignments" section, there are five items: Chromium Browser (selected), IGEL OS, Shadowing, Language, and OS 12. A red arrow points to the dropdown menu next to the IP address "108.0.5359...." for the Chromium Browser assignment. At the bottom right are "Cancel" and "Save" buttons.

- In the case of the implicit app assignment: Open a profile via which the app is assigned, click **Show Versions** in the upper right corner, and select the new version in the App Selector. For more information on the implicit app assignment, see [How to Create and Assign Profiles in the IGEL UMS Web App](#)(see page 50).



App Selector - Chromium

In OS 12 you can define what apps should be configured by a profile. Please select at least one app. (You can choose from Base System and/or Apps.) This selection can always be changed.

Apps

App	Version
Citrix Workspace app	Default version
Chromium Browser	108.0.5359.94 BUILD 1 RC 1
Zoom Media Plugins for VDI	Default version
Cisco W...	108.0.5359.94 BUILD 1 RC 1 108.0.5359.124 BUILD 1 RC 2 108.0.5359.94 BUILD 3

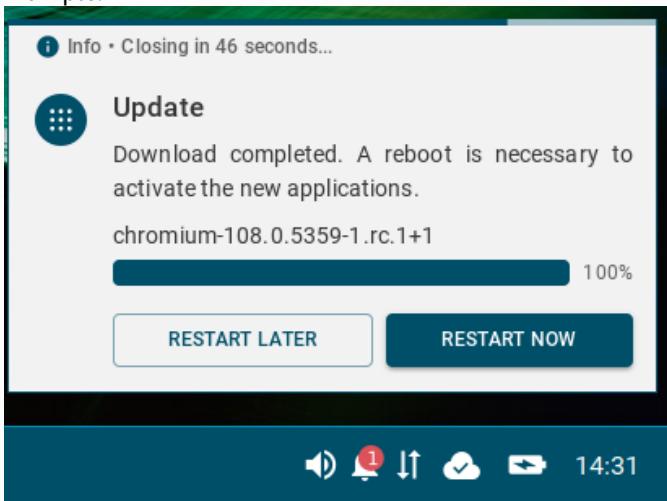
A red arrow points to the dropdown menu for the Chromium Browser's version, which is currently set to "108.0.5359.94 BUILD 1 RC 1".

- ⓘ This method is NOT applicable to the IGEL OS Base System since the IGEL OS Base System app can only be assigned explicitly.

### After the App Update Has Been Triggered...

After you have changed the Default Version or selected a specific version for the assigned app, this new version will be downloaded by the device.

- ⓘ By default, apps / app versions are automatically activated at the next reboot. The user will receive a corresponding notification.  
Example:





If you have configured the background app update, an **Update** command must be sent, instead. For details, see [How to Configure the Background App Update in the IGEL UMS Web App](#)(see page 98).

- ⓘ If there is not enough space for storing the new base system during the update of IGEL OS, the multistage update will be triggered. See [Multistage Update of IGEL OS Base System](#)(see page 94).

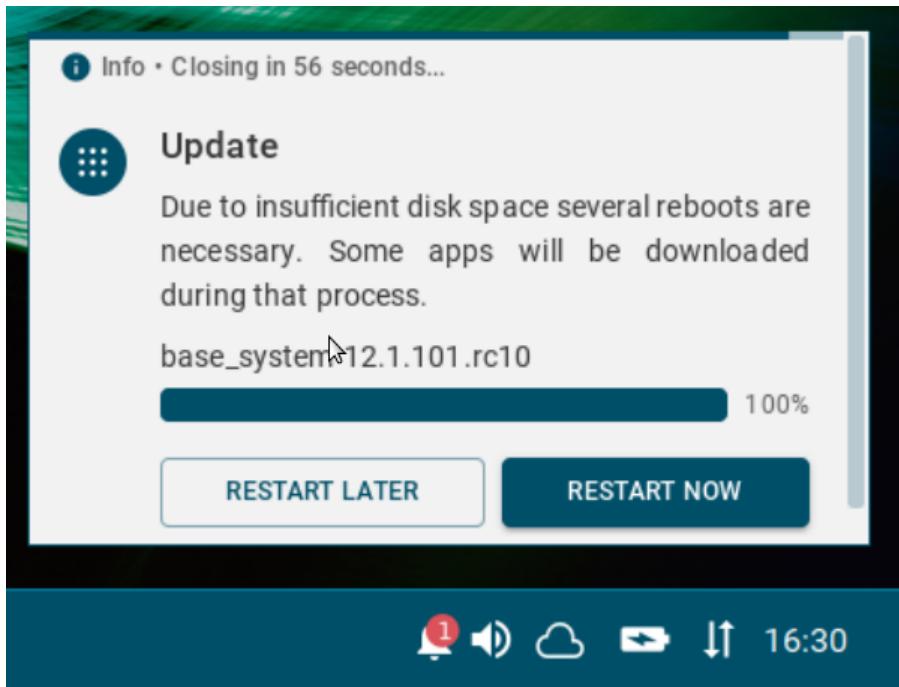


## Multistage Update of IGEL OS Base System

IGEL OS 12 supports the multistage update.

- ⓘ The multistage update is only triggered if there is not enough space for storing the new base system during the update of IGEL OS. This can happen, for example, on devices with small storage or with a large custom partition.

During the multistage update, the device will automatically reboot multiple times. The user will receive a corresponding notification and can close opened applications to prevent data loss before the timeout for the restart is over. Alternatively, the user can postpone the reboot. For where to configure the timeout and reboot options for the app installation, see [IGEL OS Notification Center](#).

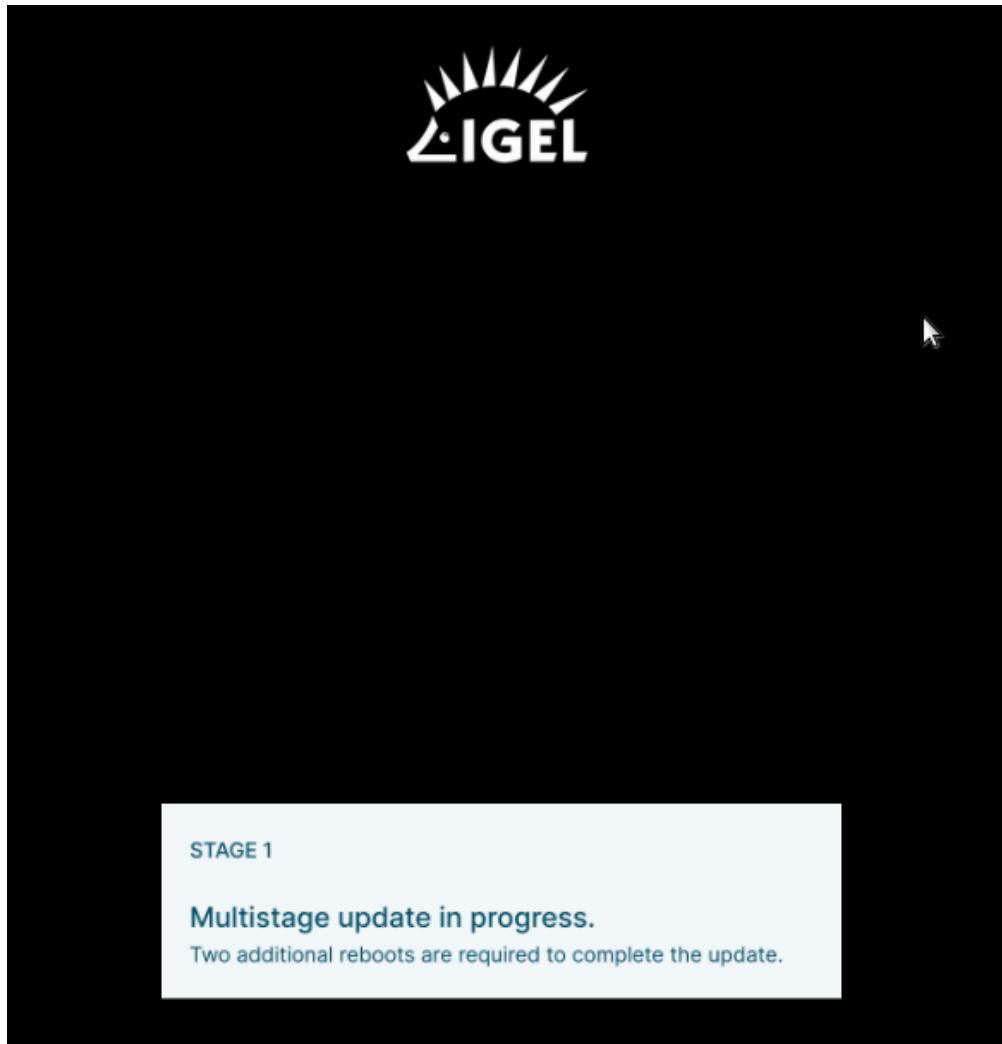


During the reboots, the user will be notified about each corresponding stage of the update process.

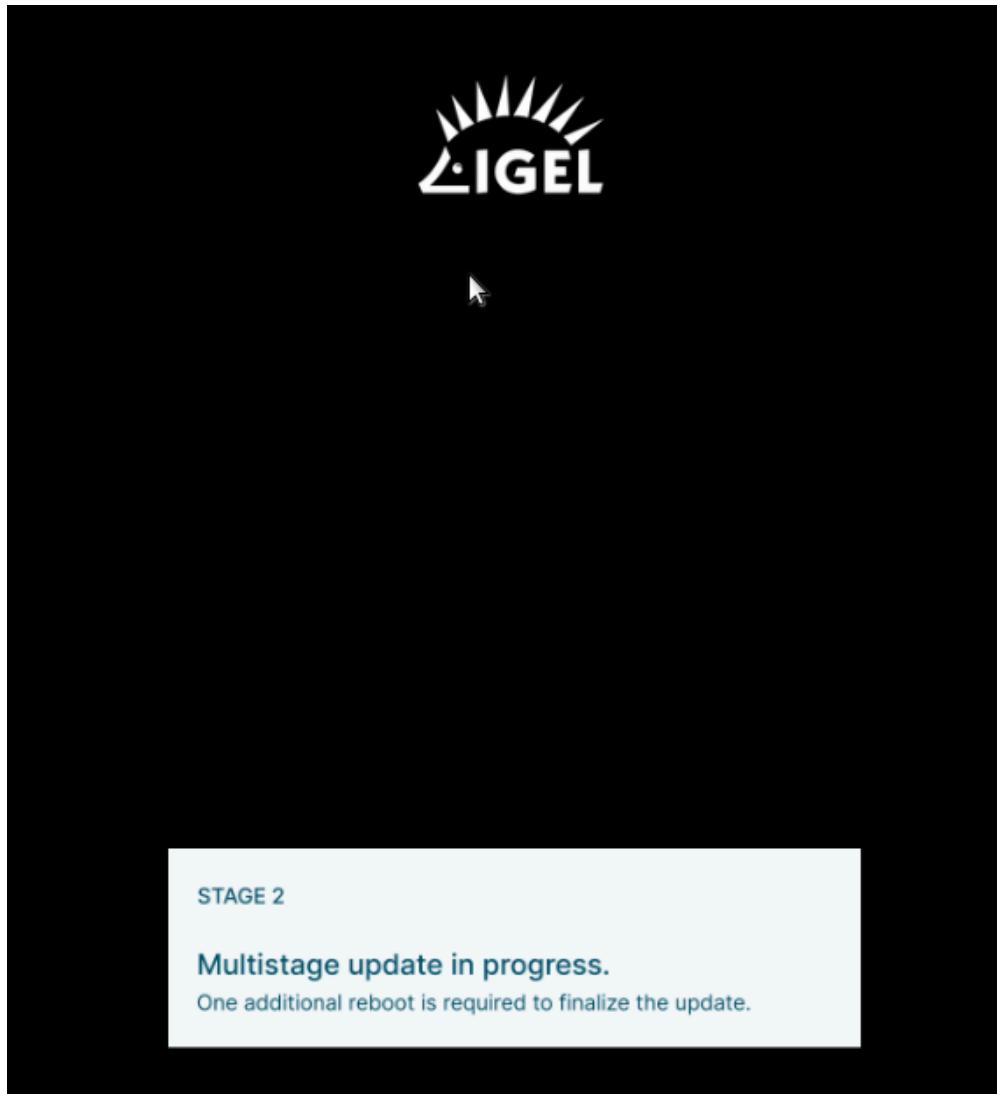
The multistage update includes the following stages:

- **Stage 1:** After the signal for the update is received, the system will reboot to the old system and will delete the installed apps and parts of the old base system to free as much space as possible. After that, the new base system will be downloaded.

During this stage, the user will see only the following screen and cannot access the GUI of the device, terminal, etc.

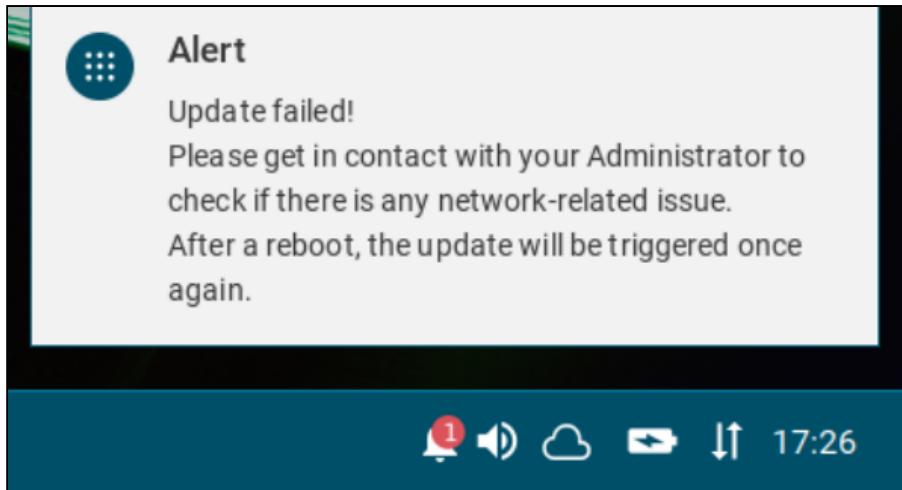


- **Stage 2:** The system will reboot to the new system and download the rest of the base system. During this stage, the user will see only the following screen and cannot access the GUI of the device, terminal, etc.



- **Stage 3:** The system will reboot to the new complete base system and will download all previously installed apps. The system will reboot and activate all apps.

If the multistage update fails for some reason, the system will boot again in the GUI with the minimal system required for that and will show the following message. Depending on the stage when the failure happens, apps may not be present in the system.



Possible reasons for the failure of the multistage update can be, for example:

1. Unstable network connection during the update process.

**i** The network connection is checked only initially, i.e. before the multistage update starts: If no network connection can be established within 60 seconds, the multistage update will be aborted. You can change this parameter under **System > Update > Seconds to wait for network connection during a multistage update**.

2. Expired license (no matter if it is a Starter, Demo, or Workspace Edition license) if the [background app update](#)(see page 98) is enabled.

If the multistage update fails, it is recommended to check the log file `/wfs/update_<time>.log`.

You may find it also useful to activate debugging as described under [Debugging / How to Collect and Send Device Log Files to IGEL Support](#).



## How to Configure the Background App Update in the IGEL UMS Web App

By default, apps / app versions assigned to the device will be automatically activated at the next reboot. This is regulated by the IGEL OS setting **System > Update > Activate app after the installation**.

If you have a slow bandwidth connection or do not want the users to be disturbed while updates are being performed, you can activate the background app update. In this case, the manual app activation via the **Update** command in the UMS will be required.

To enable the background app update:

1. Create a profile for the IGEL OS base system. For details on how to create profiles, see [How to Create and Assign Profiles in the IGEL UMS Web App](#)(see page 50).

A screenshot of the IGEL UMS Web App interface. The top navigation bar includes 'UMS 12', 'Devices', 'Configuration', 'Apps', 'Network', and '2 more'. Below the navigation is a 'Profiles' section with 'IGEL OS 12 (6)' selected. A red arrow points from the 'Profiles' section to the 'App Selector - Background app update' dialog. The dialog shows a list of apps under 'Base System': 'IGEL OS' (with a checked checkbox). A red box highlights the 'IGEL OS' entry.

2. Under **System > Update**, disable **Activate app after the installation**:

A screenshot of the 'Profile Configurator - Background app update' dialog. The left sidebar shows 'Time and Date', 'Remote management', 'Logging', 'Power Options', 'System Customization', 'Update' (which is selected), and 'Registry'. The main area is titled 'App Update settings' and contains several configuration options:

- 'Automatical reboot of system once App is installed' (checkbox checked)
- 'Timeout for automatical reboot in seconds' (input field: 70)
- 'Use a bandwidth limit while updating' (checkbox checked)
- 'Limit bandwidth used for updating' (input field: 2MB)
- 'Seconds to wait for network connection during a multi stage update' (input field: 60)
- 'Activate app after the installation' (checkbox checked)

A red box highlights the 'Activate app after the installation' checkbox. At the bottom are buttons for 'Close', 'Save', and 'Save and Close'.

**Activate app after the installation**



- **enabled** (Default): Apps / app versions will be automatically activated at the next reboot.
- **disabled**: Apps / app versions can be assigned to a device, but they will not be activated. This means an app / app version will be transferred to the device, but it will not actually be installed. The device can be rebooted, but this will not activate apps / app versions. To activate them, the **Update** command must be sent.

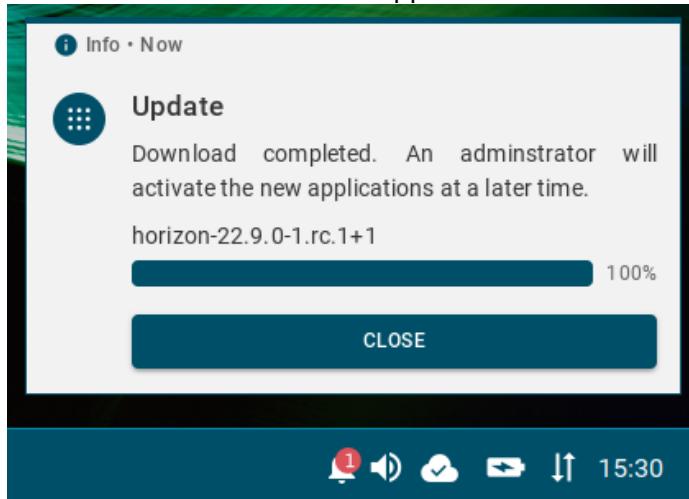
3. Optional: If you need to limit the bandwidth usage during the app download (e.g. if you see that updates affect the performance of the network), activate **Use a bandwidth limit while updating** and define the required limit under **Limit bandwidth used for updating**.

When specifying **Limit bandwidth used for updating**, note the following:

- Do NOT use spaces between the number and the unit.
- Use only KB, MB, and GB .
- If no unit is specified, megabytes (MB) will be used.
- If the limit is specified incorrectly, the default value ( 2MB ) will be used.

4. Save the settings.
5. Assign the profile to the devices under **Devices > [name of the device / device directory] > Assign object**. For details on how to assign profiles, see [How to Create and Assign Profiles in the IGEL UMS Web App](#)(see page 50).
6. Assign the required app / app version or a profile configuring the required app to your devices. See [How to Assign Apps to IGEL OS Devices via the UMS Web App](#)(see page 71).

The devices will download the app. Your users will receive a corresponding notification:



7. You can activate the apps at a later date by sending the **Update** command.



- Before triggering the **Update** command, you may want to check if all apps have been successfully transferred to the devices. You can find the status of apps under **Devices > [name of the device] > Installed Apps**, see [Checking Installed Apps via the IGEL UMS Web App](#)(see page 75).

A screenshot of the IGEL UMS Web App interface. The top navigation bar includes 'UMS 12', 'Devices' (which is selected), 'Configuration', 'Apps', 'Network', and '2 more'. Below the navigation is a 'Directory Tree' sidebar with categories like 'Devices (5)', 'Augsburg (4)', 'techdoc (4)', 'QA (1)', 'RD (3)', and 'Bremen (1)'. The main content area shows a list of devices under 'RD': 'ITC005056938D22' (selected), 'td-RD01', and 'td-RD02'. On the right, there's a detailed view for 'ITC005056938D22' with tabs for 'Assigned Objects', 'System Information', 'Licenses', and 'Network Adapter'. A context menu is open on the right, with the 'Update' option highlighted by a red box and a red arrow pointing to it. Other options in the menu include 'Wake up', 'Suspend', 'Send settings', 'Receive settings', 'Reset to factory defaults', 'Update on shutdown', 'Refresh system information', 'Refresh license information', and 'Send Message'.

- Alternatively, you can create a scheduled job for the **Update** command in the **UMS Console > Jobs** and assign it to the devices / device directory or a view. The app activation will be performed on the corresponding devices according to the schedule specified in the job. For more information on jobs, see [Jobs](#).

**i If You Want to Switch Back to the Default Behavior**

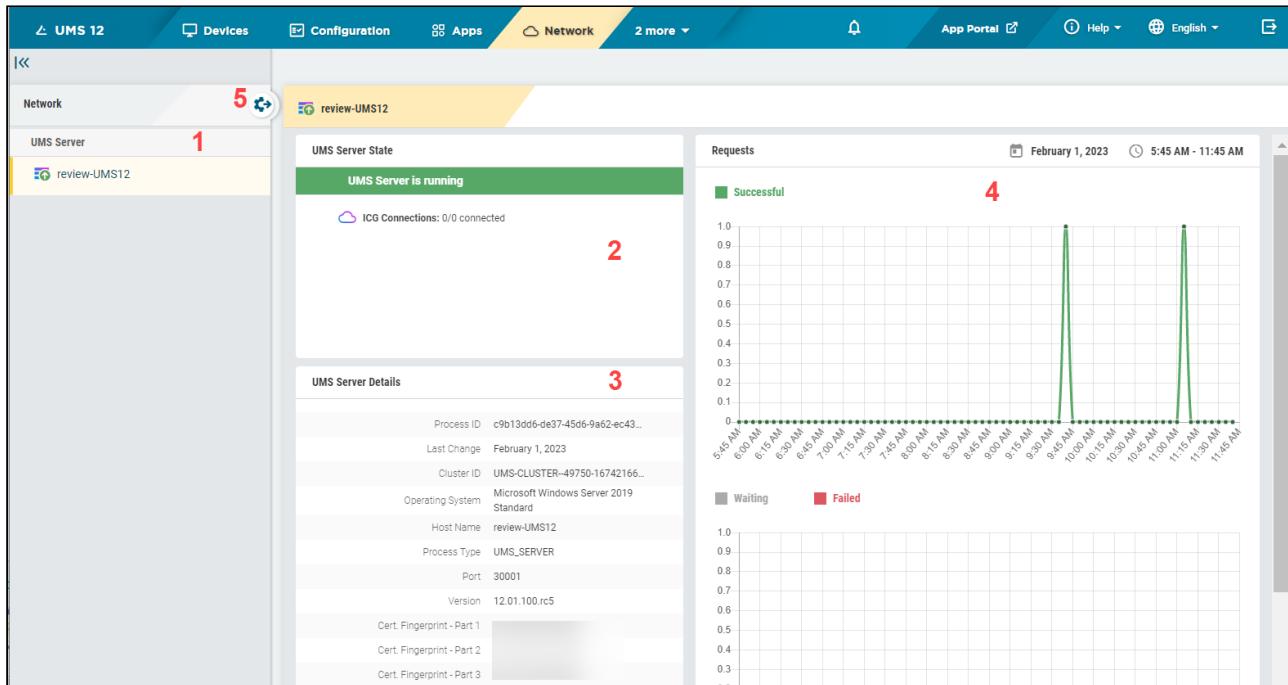
Before deactivating the background app update, it is recommended to send the **Update command** to all devices and verify that apps have successfully been installed.



## Network Settings in the IGEL UMS Web App

In the **Network** area of the IGEL Universal Management Suite (UMS) Web App, you can find information on all connected UMS Servers, UMS Load Balancers, and IGEL Cloud Gateways. You can also find here the OBS Routing details for IGEL Onboarding Service and specify the nickname for your UMS.

Menu path: **UMS Web App > Network**



1	List of all available UMS Servers / UMS Load Balancers / IGEL Cloud Gateways (ICG)
2	<ul style="list-style-type: none"> <li>Status of the selected UMS Server / UMS Load Balancer / IGEL Cloud Gateway, see "Status Displays" below.</li> <li>Status of UMS Server / ICG connections (connected, disconnected, unknown)</li> <li>Number of currently connected devices (only for the ICG)</li> </ul>
3	Details for the selected UMS Server / UMS Load Balancer / IGEL Cloud Gateway
4	Statistics for the device requests
5	Opens the <b>Settings</b> area, see below



## Status Displays

### UMS Server

The following icons show the status of the installed UMS Servers.

	The UMS Server is running.
	The UMS Server is not running.
	The status of the UMS Server is unknown (e.g. when a new server is being propagated in the network) or has not yet been processed.
	The user is not authorized to view details for the UMS Server.
	The UMS Server is being updated.

### UMS Load Balancer

The following icons show the status of the installed UMS Load Balancers.

	The Load Balancer is running.
	The Load Balancer is not running.
	The status of the UMS Load Balancer is unknown (e.g. when a new load balancer is being propagated in the network) or has not yet been processed.
	The user is not authorized to view details for the Load Balancer.
	The Load Balancer is being updated.

### IGEL Cloud Gateway

The following icons show the status of the installed IGEL Cloud Gateways.

	The IGEL Cloud Gateway is running.
	The IGEL Cloud Gateway is not running.



	The status of the IGEL Cloud Gateway is unknown or has not yet been processed.
	The user is not authorized to view details for the IGEL Cloud Gateway.
	The IGEL Cloud Gateway is being updated.

## Settings

Click to open the **Settings** area.

A screenshot of the IGEL UMS Web App's Settings page. On the left is a sidebar with a gear icon and the word "Settings". The main content area has a tab bar at the top with "IGEL OS Onboarding" (highlighted in yellow), "Network", and "UMS Features". Below the tabs, there is a section titled "OBS Routing Info" with an information icon. It contains two input fields: "UMS Hostname" with the value "192. ...." and "UMS Port" with the value "8443". To the right of each field is a copy icon. At the bottom of this section is a button labeled "Download Certificate-Chain" with a download icon.

## IGEL OS Onboarding

Here, you can find **OBS Routing information** which is required if you use IGEL Onboarding Service (OBS). To copy the data, click .

### UMS Hostname

Hostname (Fully Qualified Domain Name) or IP address of the UMS Server.



If configured, the Cluster Address or the Public Address is used here (in the order given).

#### UMS Port

Port under which the UMS can be reached. The default port of the UMS web server is 8443. For details on the ports used by the UMS, see [IGEL UMS Communication Ports](#).

If configured, the Cluster Address Port or the Public Web Port is used here (in the order given).

#### Download Certificate Chain

Downloads the UMS root certificate with `.crt` file extension.

## Network

#### Nickname

A name specified here is displayed in the menu bar of the UMS Web App as well as in the browser tab and helps to distinguish one UMS instance from another.



- ⓘ To change the value, permission for the node **Server Network Settings** under **UMS Console > UMS Administration > Global Configuration** is required.  
For how to set rights, see Access Rights in the Administration Area.

## UMS Features

- ⓘ Permission for the node **UMS Features** under **UMS Console > UMS Administration > Global Configuration** is required.  
For how to set rights, see Access Rights in the Administration Area.

#### Enable Insight Service

- Enables IGEL Insight Service if you accept the privacy policy in the dialog opened and click **Activate**. When you activate the IGEL Insight Service, IGEL collects specific analytical and usage data; see [IGEL Insight Service](#).
- Disables IGEL Insight Service.



## Logging

Menu path: UMS Web App > **Logging**

In the **Logging** area, you can search for log messages according to the configured search parameters. The last search configuration is automatically saved and restored on the next visit of the **Logging** area.

When no values are specified in the search mask, all available log messages are shown.

Log messages are available if

- logging is enabled in the UMS Console under **UMS Administration > Global Configuration > Logging**. See **Logging**.
- a user has sufficient rights. For details on where you can define permissions, see **General Administrator Rights and Access Rights** in the Administration Area.

**i** Only log messages for the actions performed in the UMS Web App are currently displayed. Logs of the UMS Console are not included.

 SEARCH <span style="margin-left: 20px;">DEVICES</span> <span style="margin-left: 20px;">NETWORK</span> <span style="margin-left: 20px;">LOGGING</span> <span style="margin-left: 20px;">HELP</span> <span style="margin-left: 20px;">ENGLISH</span>																																																																									
<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;"> <b>Search</b> <span style="color: red; font-size: 1.5em;">1</span>             Logtime: Nov 1, 2020 - Nov 4, 2020 <span style="float: right;"><input type="button" value="x"/></span>             Severity: <span style="float: right;"><input type="button" value="x"/></span>             Username: <span style="float: right;"><input type="button" value="x"/></span>             Category: <span style="float: right;"><input type="button" value="x"/></span>             Action: Shutdown, Directory: assign / detach ur... <span style="float: right;"><input type="button" value="x"/></span>             Between: <span style="float: right;"><input type="button" value="x"/></span>             After: Nov 4, 2020 <span style="float: right;"><input type="button" value="x"/></span>             Before: <span style="float: right;"><input type="button" value="x"/></span>             Between: <span style="float: right;"><input type="button" value="x"/></span>             Message: <span style="float: right;"><input type="button" value="x"/></span>             Name of the Affected Object: <span style="float: right;"><input type="button" value="x"/></span>     <input type="button" value="Search"/> </div>	<div style="border: 1px solid #ccc; padding: 5px; background-color: #f9f9f9;">           Showing results for: Logtime: 'Nov 1, 2020 - Nov 4, 2020' Action: 'Shutdown,Directory: assign / detach url file,Device: assign / detach url file,Directory: assign / detach template value,Device: assign / detach template value' <span style="float: right;">2</span> </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left; width: 15%;">Logtime</th> <th style="text-align: left; width: 15%;">Username</th> <th style="text-align: left; width: 15%;">Severity</th> <th style="text-align: left; width: 15%;">Category</th> <th style="text-align: left; width: 15%;">Action</th> <th style="text-align: left; width: 15%;">Name of the Affected Object</th> <th style="text-align: left; width: 15%;">Message</th> <th style="text-align: left; width: 15%;">Origin</th> </tr> </thead> <tbody> <tr> <td>11/4/20, 4:14:07 PM</td> <td>ike</td> <td>Information</td> <td>Assignment</td> <td>Device: assign / detach template ...</td> <td>td-R002</td> <td>Template value Language:EN wa...</td> <td>Webapp</td> </tr> <tr> <td>11/4/20, 1:22:28 PM</td> <td>ike</td> <td>Information</td> <td>Assignment</td> <td>Directory: assign / detach url file</td> <td>RD</td> <td>URL file https://\$serverhostnam...</td> <td>Webapp</td> </tr> <tr> <td>11/3/20, 8:03:24 PM</td> <td>ike</td> <td>Information</td> <td>Assignment</td> <td>Directory: assign / detach url file</td> <td>RD</td> <td>URL file https://\$serverhostnam...</td> <td>Webapp</td> </tr> <tr> <td>11/3/20, 8:00:30 PM</td> <td>ike</td> <td>Information</td> <td>Device</td> <td>Shutdown</td> <td>td-R002</td> <td>OK</td> <td>Webapp</td> </tr> <tr> <td>11/3/20, 3:35:52 PM</td> <td>ike</td> <td>Information</td> <td>Assignment</td> <td>Device: assign / d...</td> <td>td-R002</td> <td>Template value Language:EN wa...</td> <td>Webapp</td> </tr> <tr> <td>11/3/20, 3:35:38 PM</td> <td>ike</td> <td>Information</td> <td>Assignment</td> <td>Device: assign / d...</td> <td>Device: assign / detach template value</td> <td>URL file https://\$serverhostnam...</td> <td>Webapp</td> </tr> <tr> <td>11/3/20, 3:34:39 PM</td> <td>ike</td> <td>Information</td> <td>Assignment</td> <td>Device: assign / detach url file</td> <td>td-R002</td> <td>URL file https://\$serverhostnam...</td> <td>Webapp</td> </tr> <tr> <td>11/2/20, 7:48:18 PM</td> <td>ike</td> <td>Information</td> <td>Device</td> <td>Shutdown</td> <td>td-R004</td> <td>OK</td> <td>Webapp</td> </tr> </tbody> </table> <div style="text-align: center; margin-top: 10px;"> <span style="font-size: 0.8em;">4</span> <span style="border: 1px solid #ccc; padding: 2px 5px;">Clear data</span> <span style="font-size: 0.8em;">1 &lt; 20 &gt; 20</span> </div>	Logtime	Username	Severity	Category	Action	Name of the Affected Object	Message	Origin	11/4/20, 4:14:07 PM	ike	Information	Assignment	Device: assign / detach template ...	td-R002	Template value Language:EN wa...	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<b>1</b> Search mask	<b>Search criteria for the logs (linked with logical AND)</b> <div style="margin-top: 20px;">  <p>To remove a value, click  and then <b>Search</b>. This updates the search results.</p> </div>																																																																								
<b>2</b> Search tags	<p>Show the search parameter values specified in the search mask.</p> <p>If you switch to another area, e.g. <b>Devices</b>, and back, the search tags will remind you that the previous search configuration is still active.</p>																																																																								
<b>3</b> Log list	<p>Shows all logs that match the search criteria.</p> <ul style="list-style-type: none"> <li>• Paging for the navigation in the log list</li> <li>• Defining the number of log messages to be displayed on one page</li> <li>• Sorting within any selected column</li> <li>• Tooltips, useful in case of truncations</li> </ul>																																																																								



4	Clear data	Deletes the logs that are older than the number of days set.
		<p><b>⚠</b> To delete the logs, a user must have the right "Delete Log Messages", see General Administrator Rights. Directly after the deletion of logs, a message "No matching logs found" appears. Wait for the next reindexing to view the updated list of the log messages. However, you can immediately view and search for new logs, i.e. logs for actions performed after the deletion procedure.</p>

**⚠** It is recommended to delete unnecessary logs regularly to avoid problems with insufficient disk space.



## Search

Menu path: UMS Web App > **Search**

**!** Changes made in the UMS Console or in the local Setup are searchable in the UMS Web App after the next reindexing, which is executed every hour.

**i** The last search configuration is automatically saved and restored on the next visit of the **Search** area.

In the **Search** area, you can search for devices according to the configured search parameters. When no values are specified in the search mask, all devices registered in the UMS are shown.

The screenshot shows the IGEL UMS 6 Web App interface with the 'Search' module selected. At the top, there are tabs for Devices, Configuration, Network, and Logging. Below the tabs, a search bar shows 'Showing results for: Product ID: "UD3"'. The main area is divided into two sections: 'Search result' and a sidebar for 'Select columns'.

**Table View (Top):**

- 1:** Search parameters panel with fields for Device Name, Unit ID, Product ID (set to UD3), Version, Comment, MAC Address, and Last IP. A 'Search' button is at the bottom.
- 2:** A red box highlights the search term 'Product ID: "UD3"' in the search bar.
- 3:** View mode switch between 'Table View' (selected) and 'Card View'.
- 4:** A red box highlights the 'Export data' button.

Device Name	Unit ID	Product ID	Version
td-RD02	00E0C520986A	UD3-LX 51	11.05.100.01

**Card View (Bottom):**

- 1:** Same search parameters panel as the top view.
- 2:** A red box highlights the search term 'Product ID: "UD3"' in the search bar.
- 3:** View mode switch between 'Table View' and 'Card View' (selected).

The card view displays a single device entry:

- Name:** td-RD02
- Unit ID:** 00E0C520986A
- Product ID:** UD3-LX 51

Below the card, there are buttons for 'Shadow', 'Assign object', and 'Reboot'. To the right, there are sections for 'Properties' (with 'Department' and 'Technical Documentation' listed) and 'Custom Properties' (with 'DeviceAttribute\_Subdepartments' and 'KB'). At the bottom, there are tabs for 'System Information', 'Licenses', and 'Assigned Objects'.



1	Search mask	<p><b>Search Parameters:</b> Adds / removes criteria for the search. Search criteria are linked with logical <b>AND</b>.</p> <p>To remove a value, click  and than <b>Search</b>. This updates the search result list.</p>
2	Search tags	<p>Show the search parameter values specified in the search mask.</p> <p>If you switch to another area, e.g. <b>Devices</b>, and back, the search tags will remind you that the previous search configuration is still active.</p>
3	Table View	<p>Search results are displayed in the table form.</p> <ul style="list-style-type: none"> <li>Adding / removing columns for the search result list</li> <li>Paging for the navigation in the search result list</li> <li>Defining the number of devices to be displayed on one page</li> <li>Sorting within any selected column</li> </ul>
	Card View	<p>Search results are displayed in the card form.</p> <ul style="list-style-type: none"> <li>Paging for the navigation in the search result list</li> <li>Defining the number of devices to be displayed on one page</li> <li>Sorting devices by <b>Name</b>, <b>Product ID</b>, <b>Unit ID</b>, <b>Version</b>, and <b>IP Address</b></li> </ul> <p>For each selected device, device information and device commands are shown. For detailed information, see <a href="#">Devices - View and Manage Your Endpoint Devices in the IGEL UMS Web App</a>(see page 17).</p>
4	Export Data	<p>Opens an <b>Exporting search results</b> dialog where the parameters for the CSV export file can be configured. Columns selected under <b>Select columns</b> in the <b>Table View</b> are automatically included in the export file if not disabled manually in the <b>Exporting search results</b> dialog. For more information on exporting search results, see <a href="#">Exporting Search Results</a>(see page 109).</p>

## Exporting Search Results

Menu path: UMS Web App > **Search**

The results of a search query can be saved as a CSV file.

To export search results, proceed as follows:

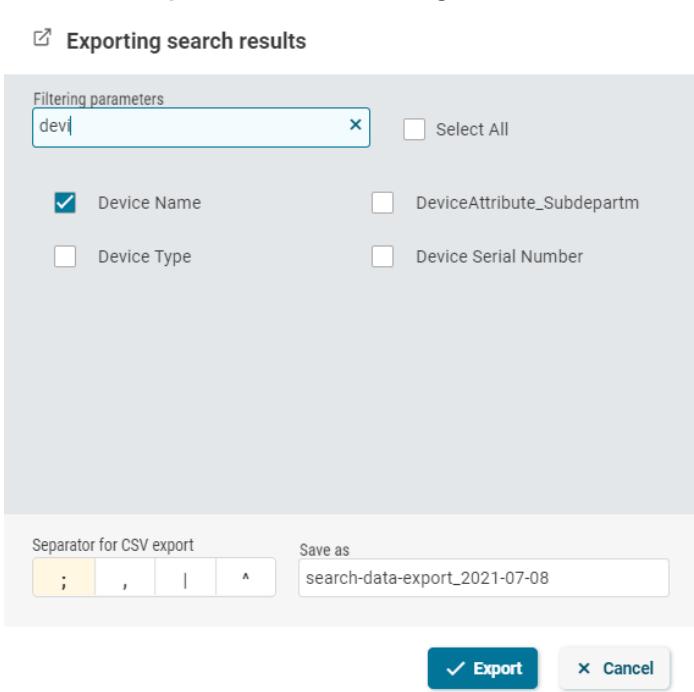
1. Perform a search query.

 If no values are specified for search parameters, all devices registered in the UMS will be included in the export file.

2. Switch to the  **Table View**.

3. Click  **Export data**.

The **Exporting search results** dialog opens.



4. Select the desired parameters.

For quick filtering, enter the name of the parameter under **Filtering parameters**.

5. Select the required delimiter under **Separator for CSV export**.

6. Click **Export**.

The export file is automatically downloaded in a few seconds.