UNICON

Migration from eLux RP 5 to eLux RP 6

Short Guide

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1. Preparing for migration

The procedure described in this document helps you migrate from eLux RP 5 to eLux RP 6 by using the Scout Enterprise **Firmware update** feature. Hence, even for a great number of devices, you can keep the migration scalable and comprehensible.

1.1. Requirements

- Valid Subscription for the relevant devices
- FTP or HTTP server providing `UC_RP5` and `UC_RP6_X64` containers
  - The web server must support the following file extensions in the MIME type settings:
    `.dd` text/plain
    `.epm` text/plain
    `.fpm` text/plain
    `.gz` application/x-gzip
    `.idf` text/plain
    `.ini` text/plain
    `.rdf` text/plain
    `.xz` application/x-xz
    `.mee` text/plain for the migration with whitelist
- Scout Server 15.2 or later versions
  - The update URL in the firmware configuration must contain the string `UC_RP6_X64`. The container macro `__CONTAINER__` must not be used.
- Installed software on the relevant devices
  - BaseOS version 5.7.0 (`baseosrp-5.7.0-4`) or later versions
- Disk space of the devices
  - Flash size 2 GB or more

  For further information, see System requirements for Thin Client hardware.
- eLux RP 6 software packages in the new `UC_RP6_X64` container
  - Latest `AllPackages` bundle for eLux RP 6.5 or later (`eLuxRP-6.x.x_AllPackages-x`)[1]

    The files of the recovery system are part of the `AllPackages` file.

  For further information, see Providing the required packages.

[1]For eLux RP 6.2, the `UC_RP6` container can still be used with the recovery system for x86 non-UEFI devices or for x64 UEFI devices.

Important

- The migration must be to the latest version of eLux RP 6.
- The migration supports the use of an eLux update partition. The migration can be performed via WLAN and IEEE 802.1X, but not via VPN connections.

1.2. Providing the required packages

The software packages and the recovery system of the new eLux RP version must be made available in a new `UC_RP6_X64` container.

1. On www.myelux.com, under **Download > eLux Software Packages**, select the most currently released eLux RP 6 version.
2. Under **Bundles**, download the `AllPackages` file as a `.zip` archive.
3. If you use ELIAS 18, import the `.zip` file into your `UC_RP6_X64` container. For further information, see Importing software packages in the **ELIAS 18** guide.
4. If you use the legacy ELIAS, carry out the follwing steps:
   a. Unpack the `.zip` file and, in the unpacked `AllPackages` directory, run the container installation. For further information, see Installing a container in the **Installation** guide.
   b. From our portal, under **Misc**, download the latest recovery system as a `.zip` archive. Unpack the `.zip` archive and copy the contained files manually into your `UC_RP6_X64` container.

On the web server or FTP server, the `UC_RP6_X64` container including software packages and recovery system is provided.

1.3. Limited migration

- for eLux RP 5.7.1000 and later versions -

If you want to limit the migration to particular device types, you can provide a positive list (whitelist) that contains the relevant device types. The whitelist is saved as a text file under the name `rp6.mee`, in the `UC_RP6_X64` container on the web server.

Before the migration, the eLux RP 5.7.1000 client checks whether a whitelist in the form of the file `rp6.mee` exists on the web server in the `UC_RP6_X64` container.

a. If no whitelist exists, the migration is performed.

b. If a whitelist exists, only those devices whose type is listed in the whitelist `rp6.mee` are migrated.

Note

For eLux RP 5.7.1000 and later versions, migration for VIA-based thin client systems is prevented on the system side because the VIA platform is not supported with eLux RP 6.

For eLux RP 5.7.0, the system-side check for VIA-based thin clients is not yet integrated. When migrating from eLux RP 5.7.0 to eLux RP 6, VIA-based Thin Clients must be excluded from the migration process via Scout Enterprise in order to avoid the migration of these devices.

1.3.1. Creating a whitelist

Requires

The web server must support the file extension `.mee` in the MIME type settings.

1. Create a text file named `rp6.mee`. Then, enter the section name `[AllowMigRP6]`.
2. Begin the following line with the string `Product=`.
   Then, enter all device types you want to migrate in the same line.

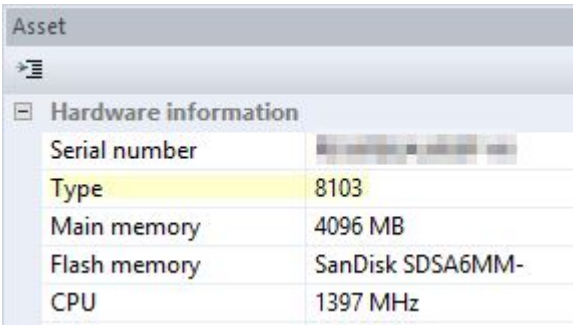
   Separate the device types by white spaces.

   Enter type names that contain white spaces without the white spaces.

   rp6.mee

   ```
   1  [AllowMigRP6]
   2  Product=D3313-G1 D3313-E1 8158 21EF 8103
   ```

   You can retrieve the product type name of a client device from the Scout Console. It is shown in the **Properties** window in **Asset > Hardware information > Type**:



3. Copy the `rp6.mee` file into the `UC_RP6_X64` container on the web server.

2. Performing the migration

Important

- The migration must be from eLux RP 5.7.0 or later to the latest version of eLux RP 6.
- The migration supports the use of an eLux update partition. The migration can be performed via WLAN and IEEE 802.1X, but not via VPN connections.

To migrate eLux RP 5 clients to eLux RP 6, use the firmware update procedure. Before you perform the migration, the device configuration must be adapted for the relevant clients.

1. For the relevant clients, open **Device configuration**[1] **> Firmware**.
2. Edit the following fields:

Option	Description
Path	Directory path of the eLux RP 6 software packages on the web server / FTP server: The path must contain the exact container name to specify the container instead of the container macro `__CONTAINER__`. Example: `eluxng/UC_RP6_X64`
Image file	Name of the image definition file (IDF) on the web server, intended to be used as the new eLux RP 6 image If you have different BIOS implementations such as UEFI and non-UEFI, use the Base System macro within the IDF name.

The update URL is shown. Example:
`https://websrv.sampletec-01.com/eluxng/UC_RP6_X64/rp6.idf`

With the next Update command, the migration from eLux RP 5 to eLux RP 6 is performed. In the first step, the eLux RP 5 client downloads the recovery system from the `UC_RP6_X64` container. Subsequently, via the recovery system, the firmware update to the eLux RP 6 image configured in the firmware configuration is performed.

[1] formerly Setup

Note

For eLux RP 5.7.1000 and later versions, before downloading the recovery system, the eLux RP 5 operating system checks

a. whether the Thin Client platform is VIA-based and only downloads the recovery system if the client is not VIA-based

b. whether a whitelist exists in the `UC_RP6_X64` container and only downloads the recovery system if the product type of the Thin Client is included in the whitelist.

In the eLux RP 5.7.0 operating system, the two tests are not yet included.

Note

A firmware update from eLux RP 6 back to eLux RP 5 (downgrade) can be performed via the relevant recovery system for eLux RP 5. For further information, see Downgrade from eLux RP 6 to eLux RP 5.