

Scheduled events in the LMC

The scheduling feature allows you to plan a scheduled firmware update or configuration rollout in the LANCOM Management Cloud (LMC) instead of executing the action directly. This allows these critical maintenance tasks to be performed at a fitting date and time, e.g. during a maintenance window at night or during weekends, without the direct attendance of admins.

In order to ensure a safe update process, firmware updates will be performed in groups based on the type and model of devices.

Process

A scheduled firmware update is planned in a similar way as a regular update is performed.

1. Inside the device table window, select the set of devices you want to update. You might want to make use of saved table views in order to efficiently and regularly select groups of devices for that particular purpose.

The screenshot displays the LANCOM Management Cloud interface. The main content area shows a table of devices under the 'Devices' section. The table has columns for Status, Name, Model, Type, License, IP Address, and Configuration. All devices are currently 'Online'. The configuration column indicates the status of the last update or scheduled event for each device.

Status	Name	Model	Type	License	IP Address	Configuration
Online	1803VAD	1803VA	Router	OK (01.08.2025)	172.19.203.122	Up to date
Online	1906VA-4G-TOP-RED	1906VA-4G (over ISDN)	Router	OK (02.02.2025)	172.19.203.180	Up to date
Online	DELTA-GS-2328P+	GS-2328P+	Switch	OK (28.10.2025)	172.19.201.85	Up to date
Online	DELTA-GS-3152X	GS-3152X	Switch	OK (25.09.2025)	172.19.202.224	Update rollback
Online	DELTA-KITHM-1783VAV	1783VAV (over ISDN)	Router	OK (13.04.2030)	172.19.203.238	Not accepted
Online	DELTA-LCCSFX-UF50	UF-50	Firewall	OK (23.05.2032)	172.19.203.125	Up to date
Online	DELTA-LX-8400	LX-8400	Access Point	OK (21.10.2025)	172.19.201.58	Up to date
Online	LANCOM-XS-5110F	XS-5110F	Switch	OK (30.08.2025)	172.19.202.14	Not supported

8 of 8 selected

- Open the action menu. You will find the category „Scheduled events“, where you can find the options for scheduling a configuration rollout or a firmware update.

The screenshot shows the LANCOM Management Cloud interface for scheduling a firmware update. The main content area is titled 'Schedule firmware update' and includes a table with the following data:

Order	Count	Model	Device type	New firmware
#1	1	LX-8400	Access Point	6.20.0078 Rel (recommended)
#2	1	GS-3152X	Switch	4.00.0716 SUT3 (recommended)
#3	1	GS-2328P+	Switch	3.34.0326 SU9 (recommended)
#4	1	XS-S110F	Switch	5.20.0447 RU10 (recommended)

Below the table, there are 'Expert settings' and 'Time Window' configuration options. The 'Time Window' section includes a note: 'The valid time window length is minimum 15 minutes and maximum 24 hours. Please note that executing scheduled updates may exceed the defined time window by up to 30 minutes. Please adjust your time window accordingly.' The 'Time window length' is currently set to 15 Minutes, with a start time of 28.11.2024 08:58 and an end time of 29.11.2024 09:13.

- The respective dialogs for these actions are very similar to the regular, non-scheduled options. The main differences are the selection of a time window as well as the ability to move device model groups around to change their priority.
- To select a time window, input both a start- and an end-time and date. The minimum time window is 15 minutes, the maximum is 24 hours.
- To ensure a safe process, scheduled firmware updates are executed not all at once, but instead in a successive order by device model group. The default order is starting with all models of hotspots, followed by switches, firewalls, and routers. The order can be changed by dragging the rows up and down.
- Please note that due to the successive process, the whole update process might take a while. In order to have a successful update process, please define a fitting update window.

7. Created scheduled actions can be reviewed by selecting „Scheduled events“ on top of the devices table window. Here you can also see scheduled actions that have already been executed.

Planned improvements

We will be constantly adding functionalities to this feature. Among the planned improvements are:

- Adding a detailed result page for finished schedules so that you can understand in detail the success or possible issues of an event that has been done.
- We will be adding the option to schedule device restarts.
- It is planned to allow creating scheduled actions that involve larger amounts of devices. This will also include added failsafe measures to allow a worry-free process.