

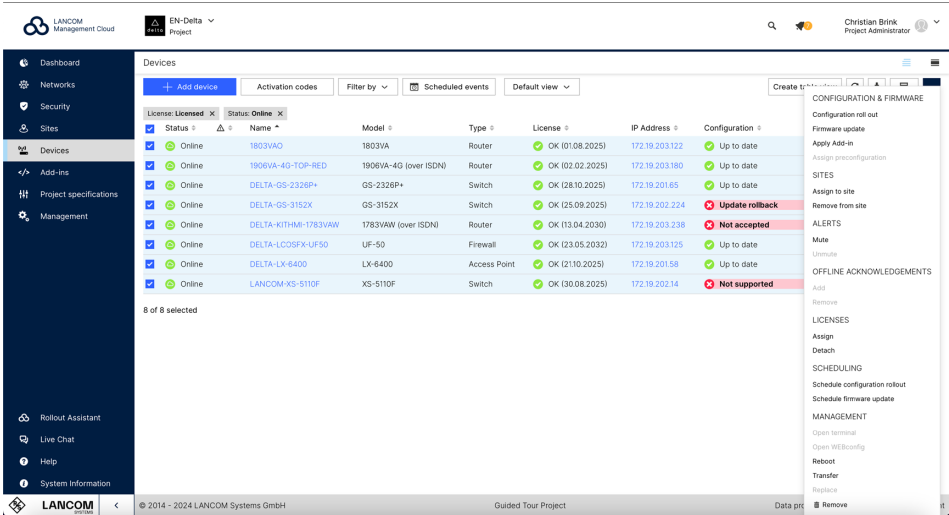
Scheduled events in the LMC

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.



- 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.

LANCOM Management Cloud EN-Delta Project

Christian Brink Project Administrator

Devices > Scheduled events

Schedule firmware update

Scheduling allows you to perform firmware updates within a defined time window. Updates will be performed sequentially as determined by position of device model groups within the table below, with each update group starting only when the previous group is finished. By default, the order is given by the type of each device model group – access points are at the top, followed by switches, firewalls and routers. You can change the order by dragging rows inside the table to a new position.

Order	Count	Model	Device type	New firmware
#1	1	LX-6400	Access Point	6.20.0078 Rel (recommended)
#2	1	GS-3152X	Switch	4.00.0716 SU13 (recommended)
#3	1	GS-2326P+	Switch	3.34.0326 SU9 (recommended)
#4	1	XS-5110F	Switch	5.20.0447 RU10 (recommended)

Expert settings

By default, a scheduled firmware update event will be stopped if any firmware update fails. By selecting below option, you can allow the update process to continue even if a firmware update fails.

☐ Ignore failed devices

Time Window

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.

Start: 29.11.2024 08:58 End: 29.11.2024 09:13 Time window length: 15 Minutes

Discard Create

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- 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 view the status of planned configuration rollouts and firmware updates, as well as filter, manage, and optimize them. Clicking on a specific process takes you to a detailed results overview, providing a clear summary of the selected event and simplifying analysis and troubleshooting in case of errors.

Status	Time window	Type	Devices
Scheduled	18.04.2025 14:14 - 18.04.2025 14:29	Firmware update	16
Completed	14.04.2025 14:06 - 15.04.2025 14:06	Firmware update	14
Completed	09.04.2025 14:39 - 09.04.2025 14:54	Firmware update	35
Completed	09.04.2025 14:38 - 09.04.2025 14:53	Config rollout	10
Failed (Device does not respond)	08.04.2025 17:49 - 08.04.2025 18:04	Firmware update	1 (1 failed)
Completed	08.04.2025 17:43 - 08.04.2025 17:58	Firmware update	18
Failed (Time window expired)	01.04.2025 11:36 - 01.04.2025 12:51	Config rollout	22 (2 failed)
Completed	27.03.2025 15:30 - 27.03.2025 15:45	Config rollout	18
Completed	27.03.2025 15:14 - 27.03.2025 15:29	Config rollout	24
Completed	26.03.2025 11:08 - 26.03.2025 11:23	Firmware update	10
Completed	21.03.2025 10:55 - 21.03.2025 11:10	Config rollout	75
Completed	20.03.2025 09:50 - 20.03.2025 10:05	Config rollout	82
Failed (Event error)	19.03.2025 14:10 - 19.03.2025 14:25	Config rollout	2 (1 failed)
Completed	19.03.2025 08:07 - 19.03.2025 08:22	Config rollout	12