## 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.

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.

| \$         | Dashboard              | Devices         |                      |                        |              |                 |                |                   | =                               |
|------------|------------------------|-----------------|----------------------|------------------------|--------------|-----------------|----------------|-------------------|---------------------------------|
| *          | Networks               | + Add device    | Activation codes     | Filter by 🗸 🔯 Schedule | id events De | fault view 🗸    |                | Create tr         |                                 |
| 0          | Security               |                 |                      |                        |              |                 |                |                   | CONFIGURATION & FIRMWARE        |
| ~          | Sites                  |                 | Name *               | Model ©                | Type 0       | License 0       | IP Address 0   | Configuration ©   | Configuration roll out          |
| &          | Sites                  | -               |                      |                        |              |                 |                |                   | Firmware update<br>Apply Add-in |
| 40         | Devices                | Online          | 1803VAO              | 1803VA                 | Router       | OK (01.08.2025) | 172.19.203.122 | 🕑 Up to date      | Assign preconfiguration         |
| <i>\</i> > | Add-ins                | 🗹 🙆 Online      | 1906VA-4G-TOP-RED    | 1906VA-4G (over ISDN)  | Router       | OK (02.02.2025) | 172.19.203.180 | 🥝 Up to date      | SITES                           |
| 41         | Project specifications | 🗹 📀 Online      | DELTA-GS-2326P+      | GS-2326P+              | Switch       | OK (28.10.2025) | 172.19.201.65  | 🤣 Up to date      | Assian to site                  |
|            |                        | 🗹 🙆 Online      | DELTA-GS-3152X       | GS-3152X               | Switch       | OK (25.09.2025) | 172.19.202.224 | 😣 Update rollback | Remove from site                |
| ₽,         | Management             | 🗹 🙆 Online      | DELTA-KITHMI-1783VAW | 1783VAW (over ISDN)    | Router       | OK (13.04.2030) | 172.19.203.238 | 😢 Not accepted    | ALERTS                          |
|            |                        | 🗹 🙆 Online      | DELTA-LCOSFX-UF50    | UF-50                  | Firewall     | OK (23.05.2032) | 172.19.203.125 | 🤣 Up to date      | Mute                            |
|            |                        | 🗹 🙆 Online      | DELTA-LX-6400        | LX-6400                | Access Point | OK (21.10.2025) | 172.19.201.58  | 🤣 Up to date      | OFFLINE ACKNOWLEDGEMENT         |
|            |                        | 🗹 🙆 Online      | LANCOM-XS-5110F      | XS-5110F               | Switch       | OK (30.08.2025) | 172.19.202.14  | 😢 Not supported   | Add                             |
|            |                        |                 |                      |                        |              |                 |                |                   | Remove                          |
|            |                        | 8 of 8 selected |                      |                        |              |                 |                |                   | LICENSES                        |
|            |                        |                 |                      |                        |              |                 |                |                   | Assign                          |
|            |                        |                 |                      |                        |              |                 |                |                   | Detach                          |
|            |                        |                 |                      |                        |              |                 |                |                   | SCHEDULING                      |
|            |                        |                 |                      |                        |              |                 |                |                   | Schedule configuration rollout  |
|            |                        |                 |                      |                        |              |                 |                |                   | Schedule firmware update        |
| æ          | Rollout Assistant      |                 |                      |                        |              |                 |                |                   | MANAGEMENT                      |
| 2          | Live Chat              |                 |                      |                        |              |                 |                |                   | Open terminal                   |
|            |                        |                 |                      |                        |              |                 |                |                   | Open WEBconfig                  |
| 9          | Help                   |                 |                      |                        |              |                 |                |                   | Reboot                          |
| 0          | System Information     |                 |                      |                        |              |                 |                |                   | Transfer                        |
|            |                        |                 |                      |                        |              |                 |                |                   |                                 |



2. 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.

| ć              | Ancom<br>Management Cloud                             | EN-Delta ~<br>Project   |  |   | Q To Christian Brink<br>Project Administrat | or 🕼 ~     |  |  |
|----------------|---|---|--|---|---|------------|--|--|
| \$<br>\$<br>\$ | Dashboard<br>Networks<br>Security<br>Sites<br>Devices | model groups within the table below, with each updat  | te group starting only when the previous gro | a performed acquirelitity in determined by position of device,<br>up is financial. By default, the coder is given by the type of each<br>to can change the order by dragging rows made the table to a |   |            |  |  |
|                | Add-ins   | Order Count Model   | 1  | Device type   | New firmware                                |            |  |  |
| t#1            | Project specifications                                | ₩ #1 1 LX-640   | 00   | Access Point  | 6.20.0078 Rel (recommended)                 |            |  |  |
| ¢,             | Management  | #2 1 GS-315   | 52X  | Switch  | 4.00.0716 SU13 (recommended)                | ~          |  |  |
|                |   | ₩ #3 1 GS-23  | 26P+   | Switch  | 3.34.0326 SU9 (recommended)                 | ~          |  |  |
|                |   | # #4 1 XS-511   | 10F  | Switch  | 5.20.0447 RU10 (recommended)                | ~          |  |  |
| 8              | Rollout Assistant                                     | Expert settings<br>By odtuit, a schedued firmware update event will be<br>continue even if a firmware update faits.<br>Im Ignore failed devices<br>Time Window<br>The valid isme window length is minimum 15 minutes. | and maximum 24 hours.                        | lecting below option, you can allow the update process to minutes. Please adjust your time window accordingly.  |   |            |  |  |
| ଲ୍             | Live Chat   | Start End   | 1  | Time window length  |   |            |  |  |
| 0              | Help  | 29.11.2024 08:58  | 9.11.2024 09:13                              | 15 Minutes  |   |            |  |  |
| 0              | System Information                                    |   |  |   | Discard Create                              |            |  |  |
| -              | LANCOM <  | © 2014 - 2024 LANCOM Systems GmbH   |  | Guided Tour Project   | Data protection notice   Terms of us        | e   Imprin |  |  |

- 3. The respective dialogs for these actions are very similar to the regular, nonscheduled 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.
- 4. 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.
- 5. 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.

02



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.

| Dashboard              | Devices > Scheduled events         |                                     |                 |                   |                           |  |
|------------------------|------------------------------------|-------------------------------------|-----------------|-------------------|---------------------------|--|
| Networks               |                                    |                                     |                 |                   |                           |  |
| Security               | Filter by 🗸                        |                                     |                 | C Delete all prev | C Delete all previous evo |  |
| security               | Status 0                           | Time window 🗸                       | Type o          | Devices           |                           |  |
| 5 Sites                | Scheduled                          | 18.04.2025 14:14 - 18.04.2025 14:29 | Firmware update | 16                |                           |  |
| Devices                | Ocmpleted                          | 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                |                           |  |
| Project specifications | S Failed (Device does not respond) | 08.04.2025 17:49 - 08.04.2025 18:04 | Firmware update | 1 ( 1 failed )    |                           |  |
| Management             | Completed                          | 08.04.2025 17:43 - 08.04.2025 17:58 | Firmware update | 18                |                           |  |
|                        | S 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                |                           |  |
|                        | O Completed                        | 20.03.2025 09:50 - 20.03.2025 10:05 | Config rollout  | 82                |                           |  |
|                        | 3 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                |                           |  |
| Rollout Assistant      |                                    |                                     |                 | 20                | ) / page                  |  |
| Help                   |                                    |                                     |                 |                   |                           |  |

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