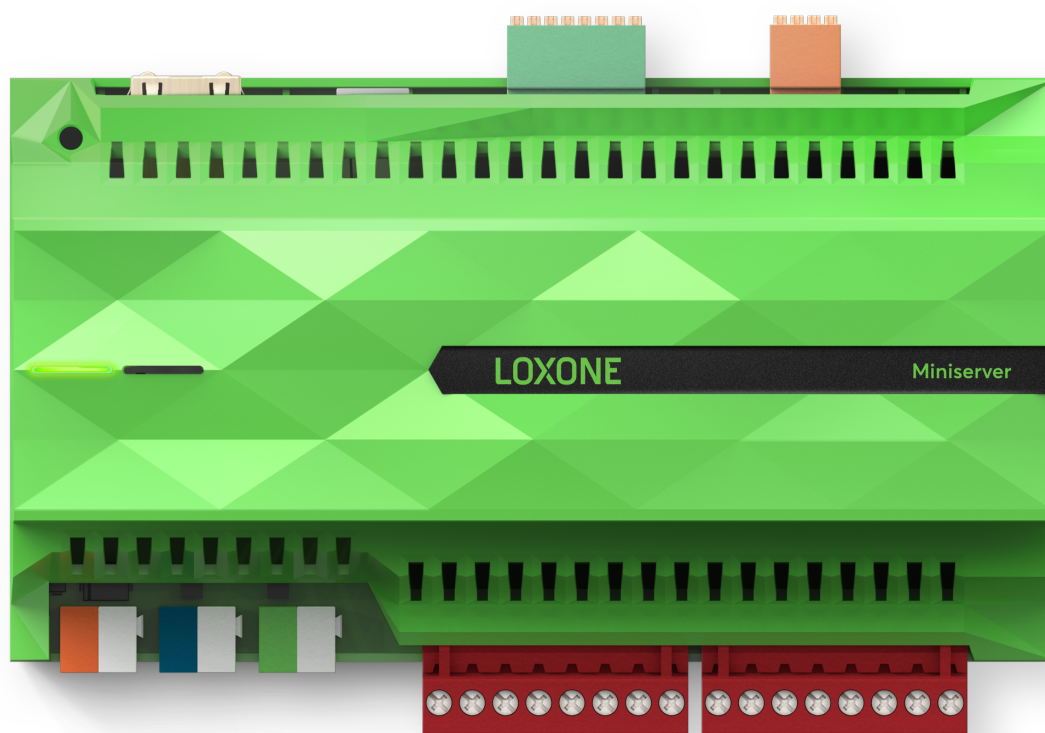


Operating Mode Schedule

14.4



This feature allows users to get and modify a list of entries that trigger operating modes on specific dates. New entries can be created and existing ones can be removed or modified.

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Entry

A json object containing all information on when a specific operating mode will be active. It consists of the following attributes

- uuid
 - Identification, important for updating & deleting this entry.
- name
 - A descriptive name for this entry.
- operatingMode
 - Identifies the operating mode that is being activated by this entry.
 - The names for these operating modes are contained in the Structure File.
- calMode
 - See calendar mode for more details.

Calendar Mode & Calendar Mode Attributes

The calendar mode (0-5) and its calendar mode attributes specify when a specific entry and therefore it's operating mode will become active.

- 0 = Yearly Date
 - Specific date that is being repeated every year.
 - Attributes: "<startMonth>/<startDay>"
- 1 = Easter
 - This entry will be repeated every year, but on a date that depends on what date the easter sunday is on in that year.
 - Attributes: "<easterOffset>"
 - easterOffset
 - number of days before (< 0) or after (> 0) easter sunday.
 - E.g. 1 means one day after easter sunday = easter monday.
- 2 = Specific Date
 - This entry will only be active on one specific date.
 - Attributes: "<startYear>/<startMonth>/<startDay>"
- 3 = Specific Timespan
 - This entry will be active between two specific dates and will not be repeated.
 - Attributes:
"<startYear>/<startMonth>/<startDay>/<endYear>/<endMonth>/<endDay>"
- 4 = Yearly Timespan
 - This entry will be active between two dates every year.
 - Attributes: "<startYear>/<startMonth>/<endYear>/<endMonth>"
- 5 = Weekday
 - This entry will be active repeatedly on specific weekdays in specific months. E.g. the first monday in january.
 - Attributes: "<startMonth>/<weekDay>/<weekDayInMonth>"
 - startMonth
 - specifies in what specific month this weekday is of interest.
 - 1 = January
 - ...
 - 12 = December
 - 13 = every month of the year
 - weekDay
 - 0 = monday
 - ..
 - 6 = sunday
 - weekDayInMonth
 - 0 = every occurrence of the weekday in the month
 - 1 = only on the first occurrence of the weekday in the month

- ...
- 4 = fourth weekday of the month
- 5 = only on the last occurrence of the weekday in the month

Administrative Commands

These commands have a fundamental influence on how a smart home works. This is why they can only be performed by users with administrative rights on the Miniserver.

- `jdev/sps/calendargetentries`
 - Returns a JSON array containing all entries
- `jdev/sps/calendarcreateentry/<name>/<opMode>/<calMode>/<calModeAttr>`
 - Creates a new entry, returns code 200 if successful.
- `jdev/sps/calendarupdateentry/<calUUID>/<name>/<opMode>/<calMode>/<calModeAttr>`
 - Updates an existing entry, returns code 200 if successful.
- `jdev/sps/calendardeleteentry/<calUUID>`
 - Deletes an existing entry, returns code 200 if successful.

Commands

These commands can be performed by any user with valid credentials for the visualizations of this Miniserver.

- `jdev/sps/calendargetheatperiod`
 - Returns the current heating period on the Miniserver. It returns only the date information of the heating period entry in a different format.
 - This command is used e.g. to
 - The return value comes as ISO-Date start / end, z.B. 10-15/04-15
- `jdev/sps/calendargetcoolperiod`
 - Same as with the heating period.

Revision History

2023.11.2 - Initial Release