Date and Time Handling Specifics

In some cases, the exact start time of a scheduled job may vary. For example, if the CPU has a heavy load, jobs may start slightly later. If you set a very short start interval, for example, less than one second, the scheduler may skip some scheduled starts.

When setting up jobs, specify the start time according to the Megaladata Server time zone.

Hour change

The system accounts for daylight saving time changes in countries or regions that use them. For example, if you set the start interval as `1 hour`, the job may run 23 or 25 times in a day because of a clock change. If the start interval is `1 day`, the day of the clock change may last 23 or 25 hours.

Here is how the system handles cases when the scheduled start time coincides with the clock change:

- If the scheduled start falls on the "skipped" hour, the scheduler starts the job at the time of the clock change. For example, if you schedule the start for `02:30:00` and the clock changes from 02:00:00 to 03:00:00, the scheduler starts the job at **03:00:00**.
- If you schedule a start for the "duplicated" hour during the change from daylight saving time to standard time, the scheduler starts the job only once, before the clock change.

Handling non-existing days

Sometimes, the schedule may happen to include days that do not exist, for example, "February 30". Consider these situations:

- If you schedule the first start for `January 30` and the start interval is `1 month`, the next start will occur on **February 28, then March 30**, and so on.
- If the start interval is `1 day` and you set only the 30th day in the **Days of the month** filter, the scheduler **does not start** the job in February.

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