

Spec:

- **concurrencyPolicy** <string>

Specifies how to treat concurrent executions of a Job. Valid values are: -

- "Allow" (default): allows CronJobs to run concurrently; - "Forbid": forbids concurrent runs, skipping next run if previous run hasn't finished yet; -
- "Replace": cancels currently running job and replaces it with a new one

- **failedJobsHistoryLimit** <integer>

The number of failed finished jobs to retain. Value must be non-negative integer. Defaults to 1.

- **schedule** <string> -required-

The schedule in Cron format,

```
# _____ minute (0 - 59)
# |_____ hour (0 - 23)
# |_____|_____ day of the month (1 - 31)
# |_____|_____ month (1 - 12)
# |_____|_____ day of the week (0 - 6) (Sunday to Saturday;
# |_____|_____ 7 is also Sunday on some systems)
# |_____|_____ OR sun, mon, tue, wed, thu, fri, sat
# * * * * *
```

- **startingDeadlineSeconds** <integer>

Optional deadline in seconds for starting the job if it misses scheduled time for any reason. Missed jobs executions will be counted as failed ones.

- **successfulJobsHistoryLimit** <integer>

The number of successful finished jobs to retain. Value must be non-negative integer. Defaults to 3.

- **suspend** <boolean>

This flag tells the controller to suspend subsequent executions, it does not apply to already started executions. Defaults to false.

- **jobTemplate** <Object> -required-

Specifies the job that will be created when executing a CronJob.

- **metadata** <Object>

Standard object's metadata of the jobs created from this template.

- **spec** <Object>

Specification of the desired behavior of the job.