

# PowerShell CLI - Use Cases - Manage JobScheduler when the GUI becomes unresponsive

- [Starting Situation](#)
- [Use Cases](#)
  - [Suspending and Resuming the JobScheduler Master](#)
  - [Increasing the timeout for JobScheduler Master responses](#)
  - [Killing running tasks](#)
  - [Removing temporary ad hoc orders](#)

## Starting Situation

- The JobScheduler Master might not respond in time to the JOC GUI when there is high system load (CPU, memory) on the server that the Master is operated for.
- In such a situation the JobScheduler Master will primarily serve jobs and delay responses to the JOC GUI.
- As a result the JOC GUI becomes unresponsive as it includes timeout settings for responses from a JobScheduler Master.

## Use Cases

Many operations of the JOC GUI are available from the CLI. Such operations can be carried out more effectively by the CLI, i.e. they cause less overhead in a situation when resources are limited.

### Suspending and Resuming the JobScheduler Master

The Master can be paused with the following command:

```
Suspend-JobSchedulerMaster
```

#### Explanations

- A paused Master will not start new tasks.
- Any running tasks are continued

The Master can be continued with the following command:

```
Resume-JobSchedulerMaster
```

#### Explanations

- A continued Master will immediately start any enqueued tasks.
- Task starts that have been scheduled for a point in time when the Master was paused will be carried out immediately.

### Increasing the timeout for JobScheduler Master responses

The JobScheduler CLI uses a default of 15s for expected responses of a Master. In situations with a high load this value could be increased:

```
Set-JobSchedulerOption -WebRequestTimeout 60000
```

#### Explanations

- The `Set-JobSchedulerOption` cmdlet is used to increase the timeout to 60 seconds.
- Values are specified in milliseconds.

### Killing running tasks

See [PowerShell CLI - Use Cases - Kill a number of tasks](#)

### Removing temporary ad hoc orders

See [PowerShell CLI - Use Cases - Manage temporary orders](#)

