

# Stand management

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## Starting

To launch the stand, the following command should be executed

```
sudo ./wcs-stand start all
```

The stand can be partially launched if necessary. For example, to launch CDN nodes only, use the command

```
sudo ./wcs-stand start cdn
```

Also, certain node names can be listed

```
sudo ./wcs-stand start o-test1 e-test1 ffmpeg
```

CDN launch with stream publishing

```
sudo ./wcs-stand start cdn ffmpeg
```

## Stopping

To stop the stand use the following command

```
sudo ./wcs-stand stop all
```

If certain nodes are launched, they can be stopped

```
sudo ./wcs-stand stop e-test1
```

## Logging

Stand starting and stopping log is written to `wcs-stand.log` file. Logging level can be set to verbose with `-v` parameter if necessary:

```
sudo ./wcs-stand -v start all
```

## Specified nodes restart

A specified node can be restarted when the stand is working (for example, to update node configuration or WCS build). In this case, Docker container will be recreated. For example, RTMP publisher node can be restarted as follows to change media files published:

```
sudo ./wcs-stand stop ffmpeg  
sudo ./wcs-stand start ffmpeg
```

Note if Origin node was restarted, RTMP publisher node should be also restarted to renew stream publishing to this Origin.