

Cluster Management: CMDaemon won't restart my service like it is supposed to. But I can start the service by running the init script manually. What's going on?

Normally CMDaemon restarts a service that fails.

However, one of the possibilities is that CMD has given up due to persistent failure. In the Administrator Manual, the section on managing and configuring services (in the chapter on Configuring the Cluster) explains:

The reset option is not a service option in the regular shell, but is used by CMDaemon (cmsh and cmgui) to clear a Failed state of a service as seen by the monitoring system.

The monitoring system sets the state of a service to Failed if 10 restarts of the service in a row fail. CMDaemon then no longer attempts to restart the service until the reset option is executed.

So, what may be needed is that the service be told to reset. For example

```
[head->device[head]->services]% status ntpd
ntpd      [ DOWN ]
```

or

```
ntpd      [FAILING ]
```

(after 10 failed restart attempts the health check ManagedServicesOK then shows: [FAIL])

```
[head->device[head]->services]% reset ntpd
```

```
[head->device[head]->services]% start ntpd
```

```
[head->device[head]->services]% status ntpd
ntpd      [ UP ]
```

Unique solution ID: #1013

Author: Bright Admin

Last update: 2012-05-22 15:13