



System Services Commands

- [connectctl systemd service-manager, on page 2](#)
- [connectctl systemd service-agent, on page 3](#)
- [connectctl systemd docker, on page 5](#)

connectorctl systemservice service-manager

To restart or view the status of the Service Manager service, use the **connectorctl systemservice service-manager** command. To enable debug logs, use the **-l** keyword.

```
connectorctl systemservice service-manager -r [ -l debug-level [ -d debug-period-in-minutes ] ]
```

```
connectorctl systemservice service-manager -s
```

Syntax Description	Keywords and Variables	Description
	-s	Shows the running status of the service manager
	-r	Restarts the service manager service.
	-l debug-level	Restarts the service manager service and configures debugging at the specified <i>debug-level</i> . The values are DEBUG, INFO, and WARNING. <ul style="list-style-type: none"> If <i>debug-level</i> is unspecified, the default value is DEBUG. <p>Note Running the service at DEBUG log level could significantly impact performance</p>
	-d debug-period-in-minutes	(Optional) Specify the debug period in minutes. If unspecified, the default value is ten minutes. <ul style="list-style-type: none"> If -l is unspecified, the service manager service is restarted but debugging is not logged.
Command History	Release 3	This command is introduced.

Examples

The following example shows how to view the running status of the service manager service.

```
[spacesadmin@connector ~]$ connectorctl systemservice service-manager -s
Executing command:systemservice
Command execution status:Successes
-----
Service Manager is running with version:3.0.1.41(9m 47s)
```

The following example shows how to restart the service manager service at a specified debug level.

```
[spacesadmin@connector ~]$ connectorctl systemservice service-manager -r [-l DEBUG -d 1]
Executing command:systemservice
Command execution status:Success
-----
Scheduled Service Manager restart. It will take few minutes
```

connectorctl systemservice service-agent

To restart or view the status of the service agent service, use the **connectorctl systemservice service-agent** command. To enable debug logs, use the **-l** keyword.

```
connectorctl systemservice service-agent -r [ -l debug-level [ -d debug-period-in-minutes ] ]
```

```
connectorctl systemservice service-agent -s
```

Syntax Description	Keywords and Variables	Description
	-s	Shows the running status of the service agent service.
	-r	Restarts the service agent service.
	-l debug-level	Restarts service agent service and configure debugging at the specified <i>debug-level</i> . The values are DEBUG, INFO, and WARNING. <ul style="list-style-type: none"> If <i>debug-level</i> is unspecified, the default value is DEBUG. <p>Note Running the service at DEBUG log level would significantly impact performance</p>
	-d debug-period-in-minutes	(Optional) Debug period in minutes. If unspecified, the default value is 10 minutes. <ul style="list-style-type: none"> If -l is unspecified, the service agent service is restarted but debugging is not logged.
Command History	Release 3	This command is introduced.

Examples

The following example shows how to see the running status of the service:

```
[spacesadmin@connector ~]$ connectorctl systemservice service-agent -s
Executing command:systemservice
Command execution status:Success
-----
=====service-agent status=====
service-agent.service - service agent starting script
  Loaded: loaded (/etc/systemd/system/service-agent.service; enabled; vendor preset:
disabled)
  Active: active (running) since Thu 2022-07-28 12:20:55 PDT; 1 months 9 days ago
  Main PID: 859 (run_service_age)
    Tasks: 7 (limit: 24285)
   Memory: 118.7M
   CGroup: /system.slice/service-agent.service
           └─859 /bin/bash /opt/dnspaces-connector/static/service-agent/run_service_agent.sh
               └─902 python3.9 src/application.py

Warning: Journal has been rotated since unit was started. Log output is incomplete or
unavailable.
=====end=====
```

The following example shows how to restart the service at a specified debug level:

```
[spacesadmin@connector ~]$ connectorctl systemservice service-agent -r [-l DEBUG -d 1]
Executing command:systemservice
Command execution status:Success
-----
Restarted service-agent service
```

connectorctl systemservice docker

To restart or view the status of the **docker** service, use the **connectorctl systemservice docker** command.

```
connectorctl systemservice docker { -s | -r }
```

Syntax Description	Keywords and Variables	Description
	-s	Shows the status of the docker service.
	-r	Restarts the docker service
Command History	Release 3	This command is introduced.

Examples

The following example shows how to view the status of the docker service.

```
[spacesadmin@connector ~]$ connectorctl systemservice docker -s
Executing command:systemservice
Command execution status:Success
-----
=====docker status=====
docker.service - Docker Application Container Engine
   Loaded: loaded (/usr/lib/systemd/system/docker.service; enabled; vendor preset: disabled)

   Active: active (running) since Thu 2022-07-28 12:21:19 PDT; 1 months 9 days ago
     Docs: https://docs.docker.com
    Main PID: 1180 (dockerd)
       Tasks: 10
      Memory: 186.6M
    CGroup: /system.slice/docker.service
           └─1180 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/containerd.sock

Sep 06 01:36:29 conn3-la61-212-23 dockerd[1180]: time="2022-09-06T01:36:29.281017425-07:00"
  level=info msg="ignoring event"
 container=19f30610cb760c8d73abb6d6119a3d9f479334cf1d914242b75cbd2a54590018
 module=libcontainerd namespace=moby topic=/tasks/delete type="*events.TaskDelete"
Sep 06 01:36:34 conn3-la61-212-23 dockerd[1180]: time="2022-09-06T01:36:34.512812745-07:00"
  level=info msg="Firewalld: interface docker0 already part of docker zone, returning"
Sep 06 01:36:34 conn3-la61-212-23 dockerd[1180]: time="2022-09-06T01:36:34.669396274-07:00"
  level=info msg="Firewalld: interface br-77efcfe528f1 already part of docker zone, returning"
Sep 06 01:36:34 conn3-la61-212-23 dockerd[1180]: time="2022-09-06T01:36:34.808767362-07:00"
  level=info msg="Firewalld: interface docker0 already part of docker zone, returning"
Sep 06 01:36:34 conn3-la61-212-23 dockerd[1180]: time="2022-09-06T01:36:34.840664442-07:00"
  level=info msg="Firewalld: interface docker0 already part of docker zone, returning"
Sep 06 01:47:06 conn3-la61-212-23 dockerd[1180]: time="2022-09-06T01:47:06.126501950-07:00"
  level=info msg="ignoring event"
 container=7bbcc6bc2cb33623f05d57768a4a1bba08b40cad282eddbeb53c8c6dec6157a9
 module=libcontainerd namespace=moby topic=/tasks/delete type="*events.TaskDelete"
Sep 06 01:47:11 conn3-la61-212-23 dockerd[1180]: time="2022-09-06T01:47:11.264882240-07:00"
  level=info msg="Firewalld: interface docker0 already part of docker zone, returning"
Sep 06 01:47:11 conn3-la61-212-23 dockerd[1180]: time="2022-09-06T01:47:11.424043921-07:00"
  level=info msg="Firewalld: interface br-77efcfe528f1 already part of docker zone, returning"
Sep 06 01:47:11 conn3-la61-212-23 dockerd[1180]: time="2022-09-06T01:47:11.562900640-07:00"
  level=info msg="Firewalld: interface docker0 already part of docker zone, returning"
Sep 06 01:47:11 conn3-la61-212-23 dockerd[1180]: time="2022-09-06T01:47:11.596127048-07:00"
  level=info msg="Firewalld: interface docker0 already part of docker zone, returning"
=====end=====
```

The following example shows how to restart the docker service.

```
[spacesadmin@connector ~]$ connectorctl systemservice docker -r
Executing command:systemservice
Command execution status:Success
-----
Restarted docker service
```