



Services Commands

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connectorctl service restart

This command restarts all the Cisco Spaces: Connector services. To enable debug logs, use the `-l` keyword is specified.

connectorctl service restart `-s service-name` [`-l debug-level` [`-d debug-period-in-minutes`]]

Syntax Description	Keyword and Variable	Description
	<code>-s service-name</code>	Configure the service that needs to be restarted.
	<code>-l debug-level</code>	(Optional) Configure the debug level. Values are DEBUG, INFO, and WARNING. <ul style="list-style-type: none"> If <code>debug-level</code> is unspecified, the default value is DEBUG. <p>Note Running the service at DEBUG log level would significantly impact performance</p>
	<code>-d debug-period-in-minutes</code>	(Optional) Specify the debug period in minutes. If unspecified, the default value is 10 minutes. <ul style="list-style-type: none"> If <code>-l</code> is unspecified, service is restarted but debugging is not logged.
Command History	Release 3	This command is introduced.

Examples

You can also restart a specified service. The following is a sample output of the command:

```
$[spacesadmin@connector ~]$ connectorctl service restart -s location -l DEBUG
Executing command:service
Command execution status: Success

Status:Successfully started location
```

Related Topics

[connectorctl servicestatus](#), on page 3

connectorctl servicestatus

This command displays the status of all the services running on the Cisco Spaces: Connector.

Parameters

None.

connectorctl servicestatus

Usage Guidelines

```
[cmxadmin@cmxnew ~]$ connectorctl servicestatus
=====
Docker Downloaded Images
=====
REPOSITORY                                TAG                IMAGE ID           CREATED
      SIZE
connector.dev-dnspaces.io/connector      v2.0.226          3e961019b481      30 hours ago
      837MB
codekoala/pypi                            latest            9d1395575eb8      2 years ago
      59.7MB
=====
Docker Running Containers
=====
CONTAINER ID    IMAGE                                PORTS              NAMES
CREATED        STATUS
713a1fed5f06    connector.dev-dnspaces.io/connector:v2.0.226  0.0.0.0:8002-8003->8002-8003/tcp, 0.0.0.0:2003->2003/udp, 0.0.0.0:8186->8186/tcp, 127.0.0.1:8185->8185/tcp, 0.0.0.0:8004->25103/tcp  connector
Up 10 minutes
=====
Docker Service Status
=====
• docker.service - Docker Application Container Engine
  Loaded: loaded (/usr/lib/systemd/system/docker.service; enabled; vendor preset: disabled)

  Active: active (running) since Tue 2020-02-18 18:53:35 -10; 10min ago
    Docs: https://docs.docker.com
   Main PID: 29575 (dockerd)
  Memory: 55.9M
    CGroup: /system.slice/docker.service
            └─29575 /usr/bin/dockerd
              └─29582 docker-containerd --config /var/run/docker/containerd/containerd.toml
                └─29739 docker-containerd-shim -namespace moby -workdir
/var/lib/docker/containerd/daemon/io.containerd.runtime.v1.linux/moby/713a1fed5f06283b48771e699ca6082b3b7a39ceeb8f28776ae97c914c78afa
-address /var/run/docker/containerd/docker-containerd.sock -containerd-binary
/usr/bin/docker-containerd -runtime-root /var/run/docker/runtime-runc

Feb 18 18:53:33 cmxnew dockerd[29575]: time="2020-02-18T18:53:33.454920975-10:00" level=info
msg="pickfirstBalancer: HandleSubConnStateChange: 0xc4204074f0, READY" module=grpc
Feb 18 18:53:33 cmxnew dockerd[29575]: time="2020-02-18T18:53:33.454943957-10:00" level=info
msg="Loading containers: start."
Feb 18 18:53:34 cmxnew dockerd[29575]: time="2020-02-18T18:53:34.198905851-10:00" level=info
```

```

msg="Default bridge (docker0) is assigned with an IP address 172.17.0.0/16. Daemon option
--bip can be used to set a preferred IP address"
Feb 18 18:53:35 cmxnew dockerd[29575]: time="2020-02-18T18:53:35-10:00" level=info msg="shim
docker-containerd-shim started"
address="/containerd-shim/moby/713a1fed5f06283b48771e699ca6082b3b7a39ceeb8f28776aae97b914c78afa/shim.sock"
debug=false pid=29739
Feb 18 18:53:35 cmxnew dockerd[29575]: time="2020-02-18T18:53:35.313599290-10:00" level=info
msg="Loading containers: done."
Feb 18 18:53:35 cmxnew dockerd[29575]: time="2020-02-18T18:53:35.446434997-10:00" level=info
msg="Docker daemon" commit=e68fc7a graphdriver(s)=overlay2 version=18.06.1-ce
Feb 18 18:53:35 cmxnew dockerd[29575]: time="2020-02-18T18:53:35.446524264-10:00" level=info
msg="Daemon has completed initialization"
Feb 18 18:53:35 cmxnew dockerd[29575]: time="2020-02-18T18:53:35.463099648-10:00"
level=warning msg="Could not register builder git source: failed to find git binary: exec:
`git`: executable file not found in $PATH"
Feb 18 18:53:35 cmxnew dockerd[29575]: time="2020-02-18T18:53:35.480241781-10:00" level=info
msg="API listen on /var/run/docker.sock"
Feb 18 18:53:35 cmxnew systemd[1]: Started Docker Application Container Engine.

```

HAProxy Service Status

```

● haproxy.service - HAProxy Load Balancer
   Loaded: loaded (/usr/lib/systemd/system/haproxy.service; enabled; vendor preset: disabled)

   Active: active (running) since Tue 2020-02-18 18:53:35 -10; 10min ago
   Process: 29815 ExecStartPre=/usr/sbin/haproxy -f $CONFIG -c -q (code=exited,
status=0/SUCCESS)
   Main PID: 29817 (haproxy)
   Memory: 7.7M
   CGroup: /system.slice/haproxy.service
           └─29817 /usr/sbin/haproxy -Ws -f /etc/haproxy/haproxy.cfg -p /run/haproxy.pid
             └─29820 /usr/sbin/haproxy -Ws -f /etc/haproxy/haproxy.cfg -p /run/haproxy.pid

Feb 18 18:53:35 cmxnew haproxy[29817]: [WARNING] 048/185335 (29817) : config : log format
ignored for frontend 'https' since it has no log address.
Feb 18 18:53:35 cmxnew haproxy[29817]: [WARNING] 048/185335 (29817) : config : log format
ignored for frontend 'grpchttps' since it has no log address.
Feb 18 18:53:35 cmxnew haproxy[29817]: [NOTICE] 048/185335 (29817) : New worker #1 (29820)
forked
Feb 18 18:53:35 cmxnew systemd[1]: Started HAProxy Load Balancer.
Feb 18 18:53:35 cmxnew haproxy[29817]: [WARNING] 048/185335 (29820) : Server
grpcserver/grpcserver is DOWN, reason: Layer4 connection problem, info: "Connection refused",
check duration: 0ms. 0 active and 0 backup servers left. 0 sessions active, 0 requeued, 0
remaining in queue.
Feb 18 18:53:35 cmxnew haproxy[29817]: [ALERT] 048/185335 (29820) : backend 'grpcserver'
has no server available!
Feb 18 18:53:36 cmxnew haproxy[29817]: [WARNING] 048/185336 (29820) : Server dsapapi/dsapapi
is DOWN, reason: Layer4 connection problem, info: "Connection refused", check duration:
0ms. 0 active and 0 backup servers left. 0 sessions active, 0 requeued, 0 remaining in
queue.
Feb 18 18:53:36 cmxnew haproxy[29817]: [ALERT] 048/185336 (29820) : backend 'dsapapi' has
no server available!
Feb 18 18:53:36 cmxnew haproxy[29817]: [WARNING] 048/185336 (29820) : Server firehose/firehose
is DOWN, reason: Layer4 connection problem, info: "Connection refused", check duration:
0ms. 0 active and 0 backup servers left. 0 sessions active, 0 requeued, 0 remaining in
queue.
Feb 18 18:53:36 cmxnew haproxy[29817]: [ALERT] 048/185336 (29820) : backend 'firehose' has
no server available!

```

 NGINX Service Status

- nginx.service - The nginx HTTP and reverse proxy server
 Loaded: loaded (/usr/lib/systemd/system/nginx.service; enabled; vendor preset: disabled)

 Active: active (running) since Tue 2020-02-18 18:53:35 -10; 10min ago
 Process: 29836 ExecStart=/usr/sbin/nginx (code=exited, status=0/SUCCESS)
 Process: 29832 ExecStartPre=/usr/sbin/nginx -t (code=exited, status=0/SUCCESS)
 Process: 29831 ExecStartPre=/usr/bin/rm -f /run/nginx.pid (code=exited, status=0/SUCCESS)

 Main PID: 29839 (nginx)
 Memory: 2.1M
 CGroup: /system.slice/nginx.service
 └─29839 nginx: master process /usr/sbin/nginx
 └─29840 nginx: worker process

```
Feb 18 18:53:35 cmxnew systemd[1]: Starting The nginx HTTP and reverse proxy server...
Feb 18 18:53:35 cmxnew nginx[29832]: nginx: the configuration file /etc/nginx/nginx.conf
syntax is ok
Feb 18 18:53:35 cmxnew nginx[29832]: nginx: configuration file /etc/nginx/nginx.conf test
is successful
Feb 18 18:53:35 cmxnew systemd[1]: Started The nginx HTTP and reverse proxy server.
```

 Connector Agent Service Status

- cmx-agent.service - uWSGI instance to serve dna-spaces-agent
 Loaded: loaded (/etc/systemd/system/cmx-agent.service; enabled; vendor preset: disabled)

 Active: active (running) since Tue 2020-02-18 18:53:21 -10; 10min ago
 Main PID: 29480 (uwsgi)
 Memory: 35.4M
 CGroup: /system.slice/cmx-agent.service
 └─29480 /usr/bin/uwsgi --ini agent_wsgi.ini
 └─29497 /usr/bin/uwsgi --ini agent_wsgi.ini

```
Feb 18 18:53:21 cmxnew systemd[1]: Started uWSGI instance to serve dna-spaces-agent.
Feb 18 18:53:21 cmxnew systemd[1]: Starting uWSGI instance to serve dna-spaces-agent...
Feb 18 18:53:21 cmxnew uwsgi[29480]: [uWSGI] getting INI configuration from agent_wsgi.ini
```

Related Topics

[connectorctl service restart](#), on page 2

