High Availability

connectorctl ha failover

This command initiates failover to a backup connector instance.

connectorctl ha failover

Syntax Description

This command has no keywords or arguments.

Examples

The following example shows how to initiate failover to a backup connector instance.

```
spacesadmin@connector ~]$ connectorctl ha failover

Executing command:ha
Command execution status:Success
-----------------------
HA failover triggered. This process will take around 30 seconds.
```

connectorctl ha show

To show the high availability configuration, use the **connectorctl ha show** command.

connectorctl ha show

Examples

The following example shows how to SSH to a connector in VIP-paired mode before failover.

```
[spacesadmin@connector ~]$ connectorctl ha show
Executing command:ha
Command execution status:Success
-----------------------
mode: VIP Paired
ha_state: ACTIVE
vip: 10.89.45.94
peer_ip: 10.89.45.92
peer_instance_id: 005056a754c8
instance_channel_status: UP
```

The following example shows how to SSH to the active connector instance after failover.

```
[spacesadmin@connector ~]$ connectorctl ha show
Executing command:ha
Command execution status:Success
-----------------------
HA failover triggered. This process will take around 30 seconds.
[spacesadmin@conn-sec ~]$

[spacesadmin@conn-pri ~]$ connectorctl ha show
Executing command:ha
Command execution status:Success
-----------------------
mode: VIP Paired
ha_state: ACTIVE
vip: 10.89.45.94
peer_ip: 10.89.45.93
peer_instance_id: 005056a7affa
instance_channel_status: UP
```

The following is a sample output of the command on the backup connector of the VIP pair.

```
[spacesadmin@connector ~]$ connectorctl ha show
Executing command:ha
Command execution status:Success
-----------------------
mode: VIP Paired
ha_state: BACKUP
vip: 10.89.45.94
peer_ip: 10.89.45.92
peer_instance_id: 005056a754c8
instance_channel_status: UP
```

connectorctl ha restart

To restart the Keepalived services on a connector, use the **connectorctl ha restart** command.

Note Keepalived is a service that establishes the High Availability, and maintains the state of High Availability.

connectorctl ha restart

Syntax Description

This command has no keywords or arguments.

Examples

The following is a sample output of the command:

```
[spacesadmin@connector ~]$ connectorctl ha restart
Executing command:ha
Command execution status:Success
-----------------------
Keepalived service restarted successfully.
● keepalived.service - LVS and VRRP High Availability Monitor
   Loaded: loaded (/usr/lib/systemd/system/keepalived.service; enabled; vendor preset:
disabled)
   Active: active (running) since Tue 2023-04-25 14:21:10 PDT; 2s ago
```

Note Executing this command on an SSH session with a connector configured in VIP mode terminates the SSH session.

connectorctl ha history

To show the history of high availability status, use the **connectorctl ha history** command.

connectorctl ha history

Syntax Description

This command has no keywords or arguments.

Examples

The following is a sample output of the command:

```
[spacesadmin@connector ~]$ connectorctl ha history
Executing command:ha
Command execution status:Success
-----------------------
Recent HA states and corresponding timestamps are displayed below for instance with IP
address: 172.19.28.90
Current state of instance: BACKUP
Apr 24 13:35:10 172 Keepalived_vrrp[1239]: (VRRP1) Entering FAULT STATE
Apr 24 13:35:20 172 Keepalived_vrrp[1239]: (VRRP1) Entering BACKUP STATE
Apr 24 17:42:51 172 Keepalived_vrrp[139964]: (VRRP1) Entering BACKUP STATE
Apr 24 17:43:21 172 Keepalived_vrrp[139964]: (VRRP1) Entering ACTIVE STATE
Apr 24 19:42:31 172 Keepalived_vrrp[176498]: (VRRP1) Entering BACKUP STATE
```