

# Initiating manual cluster failover

This command lets you initiate a manual cluster failover (see [sk55081](#)).

## Syntax

Shell	Command
Gaia Clish	<code>set cluster member admin {down   up}</code>
Expert mode	<code>clusterXL_admin {down   up}</code>

## Example

```
[Expert@Member1:0]# cphaprob state
```

```
Cluster Mode:  High Availability (Active Up) with IGMP Membership
```

ID	Unique Address	Assigned Load	State	Name
1 (local)	11.22.33.245	100%	ACTIVE	Member1
2	11.22.33.246	0%	STANDBY	Member2

```
Active PNOTEs: None
```

```
... ..
```

```
[Expert@Member1:0]#
```

```
[Expert@Member1:0]# clusterXL_admin down
```

This command does not survive reboot. To make the change permanent, please run 'set cluster member admin down/up permanent' in clish or add '-p' at the end of the command in expert mode

Setting member to administratively down state ...

Member current state is DOWN

[Expert@Member1:0]#

[Expert@Member1:0]# cphaprob state

Cluster Mode: High Availability (Active Up) with IGMP Membership

ID	Unique Address	Assigned Load	State	Name
1 (local)	11.22.33.245	0%	DOWN	Member1
2	11.22.33.246	100%	ACTIVE	Member2

Active PNOTEs: ADMIN

Last member state change event:

Event Code: CLUS-111400  
State change: ACTIVE -> DOWN  
Reason for state change: ADMIN\_DOWN PNOTE  
Event time: Sun Sep 8 19:35:06 2019

Last cluster failover event:

Transition to new ACTIVE: Member 1 -> Member 2  
Reason: ADMIN\_DOWN PNOTE  
Event time: Sun Sep 8 19:35:06 2019

Cluster failover count:

Failover counter: 2  
Time of counter reset: Sun Sep 8 16:08:34 2019 (reboot)

[Expert@Member1:0]#

[Expert@Member1:0]# clusterXL\_admin up

This command does not survive reboot. To make the change permanent, please run 'set cluster member admin down/up permanent' in clish or add '-p' at the end of the command in expert mode

Setting member to normal operation ...

Member current state is STANDBY

[Expert@Member1:0]#

[Expert@Member1:0]# cphaprob state

Cluster Mode: High Availability (Active Up) with IGMP Membership

ID	Unique Address	Assigned Load	State	Name
1 (local)	11.22.33.245	0%	STANDBY	Member1
2	11.22.33.246	100%	ACTIVE	Member2

Active PNOTEs: None

Last member state change event:

Event Code: CLUS-114802

State change: DOWN -> STANDBY

Reason for state change: There is already an ACTIVE member in the cluster (member 2)

Event time: Sun Sep 8 19:37:03 2019

Last cluster failover event:

Transition to new ACTIVE: Member 1 -> Member 2

Reason: ADMIN\_DOWN PNOTE

Event time: Sun Sep 8 19:35:06 2019

Cluster failover count:

Failover counter: 2

Time of counter reset: Sun Sep 8 16:08:34 2019 (reboot)

[Expert@Member1:0]#

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Revision #2

Created 13 April 2021 10:20:59

Updated 13 April 2021 10:27:33