

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
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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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