

Basic VCS Commands

CLUSTER OPERATIONS

Action	Command Line
Start VCS	hastart [-force] hasys -force system
Stop VCS	hastop -local [-force -evacuate] hastop -sys system [-force -evacuate] hastop -all [-force]
Open/Save/Save and Close Configuration	haconf -makerw -dump -dump -makero
Add User	hauser -add user

BASIC CONFIGURATION

Action	Command Line
Configure Service Groups	hagrp -add -delete group hagrp -modify group attribute value hagrp -link parent_group child_group dependency firm soft
Configure Resources	hares -add resource type group hares -delete resource hares -modify resource attribute value hares -link parent_resource child_resource
Configure Agents/Types	hatype -modify type attribute value

BASIC OPERATIONS

Action	Command Line
Online/Offline/Switch/Flush Service Group	hagrp -online group -sys system; hagrp -online group -any hagrp -offline group -sys system; hagrp -offline group -any hagrp -switch group -to system; hagrp -switch group -any hagrp -flush group -sys system
Online/Offline Resource	hares -online [-ignoreparent] resource -sys system hares -offline [-ignoreparent] resource -sys system
Clear Faults	hares -clear resource [-sys system] hares -probe resource -sys system hagrp -clear group [-sys system] hagrp -clearadminwait -fault group -sys system

STATUS AND VERIFICATION

Action	Command Line
VCS Status (system/group/resource/agent)	hastatus -summary
LLT Status/Verification	lltconfig; lltconfig -a list; lltstat; lltstat -nv
GAB Status/Verification	gabconfig -a

COMMUNICATION

Action	Command Line
Starting and Stopping LLT	lltconfig -c; lltconfig -U
Starting and Stopping GAB	gabconfig -c -n seed_number; gabconfig -U

ADMINISTRATION

Action	Command Line
Freezing/Unfreezing Groups	hagrp -freeze group [-persistent]; hagrp -unfreeze group [-persistent]
Freezing/Unfreezing Systems	hasys -freeze system [-persistent][-evacuate] hasys -unfreeze system [-persistent]