

Basic VCS Commands

SERVICE GROUPS AND RESOURCE OPERATIONS

Action	Command Line
Configuring service groups	hagrp -add -delete -online -offline group_name
Modifying resources	hares -add -delete res_name type group hares -online -offline res_name -sys system_name
Modifying agents	haagent -start -stop agent_name -sys system_name

BASIC CONFIGURATION OPERATIONS

Action	Command Line
Service Groups	hagrp -modify group_name attribute_name value hagrp -list group_name hagrp -value attribute_name
Resources	hares -modify res_name attribute_name value hares -link res_name res_name
Agents	haagent -display agent_name -sys system_name hatype -modify

VCS ENGINE OPERATIONS

Action	Command Line
Starting had	hastart -force -stale system_name hasys -force system_name
Stopping had	hastop -local -all -force -evacuate hastop -sys system_name
Adding Users	hauser -add user_name

STATUS AND VERIFICATION

Action	Command Line
Group Status/Verification	hagrp -display group_name -state -resource group_name
Resources Status/Verification	hares -display res_name hares -list hares -probe res_name -sys system_name
Agents Status/Verification	haagent -list haagent -display agent_name -sys system_name ps -ef grep agent_name
VCS Status	hastatus -group
LLT Status/Verification	lltconfig -a list lltstat lltshow lltdump
GAB Status/Verification	gabconfig -a gabdiskhb -l

COMMUNICATION

Action	Command Line
Starting and Stopping LLT	lltconfig -c U
Starting and Stopping GAB	gabconfig -c -n #seed number gabconfig -U

ADMINISTRATION

Action	Command Line
Administering Group Services	hagrp -clear -flush -switch group_name -sys system_name
Administering Resources	hares -clear -probe res_name -sys system_name
Administering Agents	haagent -list haagent -display agent_name -sys system_name
Verify Configuration	hacf -verify