VERITAS CLUSTER SERVER COMMAND LINE REFERENCE CARD

Start VCS

```
hastart (-force) (-stale)
```

Stop VCS

```
# hastop -local [-force | -evacuate]
```
-local stops had on the system where you type the command.

```
# hastop -sys system_name [-force | -evacuate]
```
-sys stops had on the system you specify.

```
# hastop -all [-force]
```
-all stops had on all systems in the cluster.

Change VCS Configuration Online

```
haconf -makerw
 ...make changes...
haconf -dump -makrero
```

Get Current Cluster Status

```
# hastatus -summary
```

Agent Operations

Stop and start agents manually.

```
# haagent -start agent_name -sys system_name
# haagent -stop agent_name -sys system_name
```

Add and Delete Users

Add a user with read/write access to the VCS configuration.	`# hauser -add user_name` Enter a password when prompted.
Add a user with read-only access.	`# hauser -add VCSGuest` Press Return when prompted for a password.
Modify a user.	`# hauser -modify user_name` Enter a new password when prompted.
Delete a user.	`# hauser -delete user_name`
Display a user. If user_name is not specified, all users are displayed.	`# hauser -display [user_name]`

System Operations

List systems in the cluster.	`# hasys -list`
Get detailed information about each system.	`# hasys -display [system_name]`
Add a system. Increase the system count in the GAB startup script.	`# hasys -add system_name`
Delete a system.	`# hasys -delete system_name`

Resource Types

List resource types.	`# hatype -list`
Get detailed information about a resource type.	`# hatype -display [type_name]`
List all resources of a particular type.	`# hatype -resources type_name`
Add a resource type.	`# hatype -add resource_type`
Set the value of static attributes.	`# hatype -modify ...`
Delete a resource type.	`# hatype -delete resource_type`

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Resource Operations

List all resources	# hares -list
List a resource's dependencies.	# hares -dep [resource_name]
Get detailed information about a resource.	# hares -display [resource_name]
Add a resource.	# hares -add resource_name resource_type service_group
Modify the attributes of the new resource.	# hares -modify resource_name attribute_name value
Delete a resource, type.	# hares -delete resource_name
Online a resource, type.	# hares -online resource_name -sys system_name
Offline a resource, type.	# hares -offline resource_name -sys system_name
Cause a resource's agent to immediately monitor the resource on a particular system.	# hares -probe resource_name -sys system_name
Clear a faulted resource.	# hares -clear resource_name [-sys system_name]
Make a resource's attribute value local.	# hares -local resource_name attribute_name value
Make a resource's attribute value global.	# hares -global resource_name attribute_name value
Specify a dependency between two resources.	# hares -link parent_res child_res
Remove the dependency relationship between two resources:	# hares -unlink parent_res child_res

Service Group Operations

List all service groups.	# hagrp -list
List a service group's resources.	# hagrp -resources [service_group]
List a service group's dependencies.	# hargrp -dep [service_group]
Get detailed information about a service group.	# hagrp -display [service_group]
Start a service group and bring its resources online.	# hagrp -online service_group -sys system_name
Stop a service group and take its resources offline.	# hagrp -offline service_group -sys system_name
Switch a service group from one system to another. (failover groups only)	# hagrp -switch service_group -to to_system
Freeze a service group (disable onlining and offlining).	# hagrp -freeze service_group [-persistent]
Thaw a service group (reenable onlining and offlining).	# hagrp -unfreeze service_group [-persistent]
Enable a service group.	# hagrp -enable service_group [-sys system_name]
Disable a service group.	# hagrp -disable service_group [-sys system_name]
Enable all the resources in a service group.	# hagrp -enableresources service_group
Disable all the resources in a service group.	# hagrp -disableresources service_group
Specify the dependency relationship between two service groups.	# hagrp -link parent_group child_group relationship
Remove the dependency between two service groups.	# hagrp -unlink parent_group child_group