



Backup and Restore Script

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About the Backup and Restore Script

The backup and restore script is a Python script that is used to take the backup of the requested configuration item, available locally on Cluster Manager VM or on other VMs. When a restore is required, the configuration supplied is copied to the requested location within Cluster Manager VM or the specific VM.

Name : config_br.py

Path : /var/qps/install/current/scripts/modules

VM : Cluster Manager

When you run this script, you provide options and specify the location for the backup file. For a description of the script options, see [Script Options, on page 1](#).

Usage Examples

- `config_br.py -a export --etc --etc-oam --svn --stats /mnt/backup/backup_27092016.tar.gz`
Back up /etc/broadhop configuration data from OAM (perflient) VM, Policy Builder configuration, and logstash
- `config_br.py -a import --etc --etc-oam --svn --stats /mnt/backup/backup_27092016.tar.gz`
Restore data from /etc/broadhop configuration from OAM (perflient) VM, Policy Builder configuration, and logstash

Script Options

The following table describes the options you can use with the backup and restore script:

Option	Description
Positional Arguments	

Option	Description
tar	Location of the tarball of the configuration data. The backup and restore script (config_br.py) creates a tarball in tar.gz format and the same tar.gz type is used to restore configuration data.
Optional Arguments	
-h or --help	Displays help message.
--action ACTION or -a ACTION where ACTION is either export or import	Specifies whether you want to export (backup) or import (restore) VM configuration data.
--quiet or -q	Specifies whether you want to be notified if the tarball with same name exists. The same tarball name can be used for multiple backup commands. If tarball with the configuration data already exists, the tar is overwritten with a warning. You can choose to avoid the display of the warning with the --quiet or -q option. The script will automatically overwrite the existing tar. Not applicable for restore operations.
--all	Specifies backup or restore of all VMs. This option is equivalent to --auth-htpasswd --etc --etc-oam --grafanadb --haproxy --mongo-all --network --svn --users --stats
--auth-htpasswd	Specifies the backup or restore of .htpasswd file (/var/broadhop/.htpasswd).
--etc	Specifies the backup or restore of /etc/broadhop cluster configuration.
--etc-oam	Specifies the backup or restore of /etc/broadhop configuration from OAM (pcrfclient) VM.
--grafanadb	Specifies the backup or restore of the Grafana databases (data such as dashboard and user information).
--haproxy	Specifies the backup or restore of HAproxy configurations on Policy Director (Load Balancer) VM.
--mongo	Specifies the backup and restore of the default database and the data about Admin, Balance, Cluster, Customer Reference Data, Diameter Peers and Diameter Queuing, Sharding, SPR.
--mongo-all	Specifies the backup or restore of default database and the Audit, Policy Reporting, Portal, Radius, Voucher databases. Note RADIUS-based policy control is no longer supported in CPS 14.0.0 and later releases as 3GPP Gx Diameter interface has become the industry-standard policy control interface.
--network	Specifies the backup or restore of network configuration /etc/hosts, /etc/sysconfig, /network-scripts/route-*

Option	Description
--svn	Specifies the backup or restore of Policy Builder configuration data.
--users	Specifies the backup or restore of user and password information on the deployed VMs. Required for backup of all VMs.
--stats	Specifies the backup or restore of Logstash (/var/broadhop/stats, /var/lib/carbon)

