



Maintaining history of SnapManager operations

SnapManager Oracle

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Maintaining history of SnapManager operations

SnapManager for Oracle enables you to maintain the history of SnapManager operations associated with a single profile or multiple profiles. You can maintain the history either from the SnapManager command-line interface (CLI) or graphical user interface (GUI). You can view the history of the operations as a report, and use the report for audit compliance purposes.

You can maintain history for the following SnapManager operations:

- Backup create
- Backup verify
- Backup restore
- Clone create

The history information for the SnapManager operations is maintained based on the retention. You can configure different retention classes for each of the supported SnapManager operations.

The following are some retention classes that you can assign:

- Number of days
- Number of weeks
- Number of months
- Number of operations

Based on the retention, SnapManager purges the history automatically. You can also manually purge the history of the SnapManager operations. If you delete or destroy the profile, all the history information associated with the profile is deleted.



After rollback of the host, you cannot view the history details or perform any history-related operations associated with the profile that has been configured for history maintenance.

Configuring history for SnapManager operation

SnapManager for Oracle enables you to maintain the history of SnapManager operation from the SnapManager CLI or GUI. You can view the history of the SnapManager operation as a report.

1. To configure the history of SnapManager operation, enter the following command: `smo history set -profile {name, profile_name [profile_name1, profile_name2] | -all-repository-login [-passwordrepo_password] -usernamerepo_username-dbname-repo_dbname-hostrepo_host-portrepo_port} -operation {operationsoperation_name [operation_name1, operation_name2] | -all} -retain {-countretain_count | -dailyretain_daily | -weeklyretain_weekly | -monthlyretain_monthly} [-quiet | -verbose]`

```
smo
history set -profile -name PROFILE1 -operation -operations backup -retain
-daily 6 -verbose
```

```
smo
history set -profile -name PROFILE1 -operation -all -retain -weekly 3
-verbose
```

Viewing a list of SnapManager operation history

You can view the history of a specific or all SnapManager operations as a report based on the retention settings.

1. To view a list of SnapManager history operations, enter the following command: `smo history list -profile {-name, profile_name [profile_name1,profile_name2] | -all-repository-login [-passwordrepo_password] -usernamerepo_username-dbnamerepo_dbname-hostrepo_host-portrepo_port} -operation {-operationsoperation_name [operation_name1, operation_name2] | -all} [-delimiterdelimiter] [-quiet | -verbose]`

Viewing the detailed history of a specific operation associated with a profile

You can view the detailed history of a specific SnapManager operation associated with a profile.

1. To display detailed history information about a specific SnapManager operation associated with a profile, enter the following command: `smo history operation-show -profileprofile_name {-labellabel | -idid} [-quiet | -verbose]`

Deleting history of SnapManager operation

You can delete the history of the SnapManager operation, if you no longer require the history details.

1. To delete the history of the SnapManager operation, enter the following command: `smo history purge -profile {-name, profile_nameprofile_name1, profile_name2} | all-repository-login [-passwordrepo_password] -usernamerepo_username-dbnamerepo_dbname-hostrepo_host-portrepo_port} -operation {-operationsoperation_name [operation_name1, operation_name2] | -all} [-quiet | -verbose]`

Removing history settings associated with a single profile or multiple profiles

SnapManager enables you to remove the history settings of a SnapManager operation. This operation purges all the history information associated with a single profile or

multiple profiles.

1. To remove the history of SnapManager operations associated with a single profile or multiple profiles, enter the following command: `smo history remove -profile {-name, profile_name [profile_name1, profile_name2] | all-repository-login [-passwordrepo_password] -usernamerepo_username-dbnamerepo_dbname -hostrepo_host-portrepo_port} -operation {-operationsoperation_name [operation_name1, operation_name2] | -all} [-quiet | -verbose]`

Viewing SnapManager history configuration details

You can view the history settings for a single profile.

The SnapManager history operation displays the following information for each profile:

- Operation name
- Retention class
- Retention count

1. To display information about the SnapManager history operation for a specific profile, enter the following command: `smo history show -profileprofile_name`

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