Maintaining history of SnapManager operations

SnapManager for SAP

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Maintaining history of SnapManager operations

SnapManager for SAP 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.

Configure history for SnapManager operation

SnapManager for SAP 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.

Step

1. To configure the history of SnapManager operation, enter the following command:

```
smsap history set -profile {-name, profile_name [profile_name1, profile_name2]
| -all -repository -login [-password repo_password] -username repo_username
-dbname repo_dbname -host repo_host -port repo_port} -operation {-operations
operation_name [operation_name1, operation_name2] | -all} -retain {-count
retain_count | -daily retain_daily | -weekly retain_weekly | -monthly
retain_monthly} [-quiet | -verbose]
```

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

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

View 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.

Step

1. To view a list of SnapManager history operations, enter the following command:

   smsap history list -profile {*-name, profile_name [profile_name1,profile_name2*] | *-all* -repository -login [-password *repo_password*] -username *repo_username* -dbname *repo_dbname* -host *repo_host* -port *repo_port*} -operation {-operations *operation_name* [*operation_name1, operation_name2*] | -all} [-delimiter *delimiter*] [-quiet | -verbose]

View 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.

Step

1. To display detailed history information about a specific SnapManager operation associated with a profile, enter the following command:

   smsap history operation-show -profile *profile_name* {-label *label* | -id *id*} [-quiet | -verbose]

Delete history of SnapManager operation

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

Step

1. To delete the history of the SnapManager operation, enter the following command:

   smsap history purge -profile {*-name, profile_name profile_name1,*

```
profile_name2] | all -repository -login [-password repo_password] -username
repo_username -dbname repo_dbname -host repo_host -port repo_port} -operation
{-operations operation_name [operation_name1, operation_name2] | -all} [-quiet
| -verbose]
```

Remove 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.

Step

1. To remove the history of SnapManager operations associated with a single profile or multiple profiles, enter the following command:

```
smsap history remove -profile {-name, profile_name [profile_name1,
profile_name2] | all -repository -login [-password repo_password] -username
repo_username -dbname repo_dbname -host repo_host -port repo_port} -operation
{-operations operation_name [operation_name1, operation_name2] | -all} [-quiet
| -verbose]
```

View SnapManager history configuration details

You can view the history settings for a single profile.

About this task

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

- Operation name
- Retention class
- Retention count

Step

1. To display information about the SnapManager history operation for a specific profile, enter the following command:

```
smsap history show -profile profile_name
```

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