



# Updating storage system name and target database host name associated with a profile

SnapManager Oracle

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# Table of Contents

- Updating storage system name and target database host name associated with a profile ..... 1
  - Updating the storage system name associated with a profile ..... 1
  - Viewing a list of storage systems associated with a profile ..... 2
  - Updating the target database host name associated with a profile ..... 2

# Updating storage system name and target database host name associated with a profile

SnapManager 3.3 or later allows you to update the storage system host name or storage system address, and the target database host name associated with a SnapManager profile.

## Updating the storage system name associated with a profile

SnapManager 3.3 or later provides the ability to update the host name or IP address of a storage system associated with a profile.

You must ensure the following:

- The profile has at least one backup.

If the profile does not have any backup, then there is no necessity to update the storage system name for that profile.

- No operation is running for the profile.

You can update the storage system name or IP address by using the SnapManager command-line interface (CLI). While updating the storage system name, the metadata stored in the repository database alone is updated. After renaming the storage system name, you can perform all the SnapManager operations as earlier.



You cannot change the storage system name by using the SnapManager graphical user interface (GUI).

You must ensure that Snapshot copies are available in the new storage system. SnapManager does not verify the existence of the Snapshot copies in the storage system.

However, you must remember the following while performing rolling upgrade and rollback of the host after renaming the storage system name:

- If you are performing rolling upgrade of the host after renaming the storage system name, you must update the profile with the new storage system name.
- If you are rolling back the host after renaming the storage system, you must ensure that you change the storage system name back to the earlier storage system name so that you can use the profiles, backups, and clones of the earlier storage system for performing SnapManager operations.

1. Enter the following command: `smo storage rename -profileprofile-oldnameold_storage_name -newnamenew_storage_name [quiet | -verbose]`

If you want to...	Then...
Update the storage system name associated with a profile	Specify the -profile option.

Update the storage system name or IP address associated with a profile

Specify the following options and variables:

- `-oldnameold_storage_name` is the host name or IP address of the storage system.
- `-newnamenew_storage_name` is the host name or IP address of the storage system.

The following example shows the storage system name being updated:

```
smo storage rename -profile mjullian -oldname lech -newname hudson  
-verbose
```

## Viewing a list of storage systems associated with a profile

You can view a list of the storage systems associated with a particular profile.

The list displays the storage system names associated with the particular profile.



If there are no backups available for the profile, then you cannot view the storage system name associated with the profile.

1. To display information about storage systems associated with a particular profile, enter this command: `smo storage list -profileprofile [-quiet | -verbose]`

### Example

```
smo storage list -profile mjubllian
```

```
Sample Output:  
Storage Controllers  
-----  
STCO1110-RTP07OLD
```

## Updating the target database host name associated with a profile

SnapManager (3.2 or later) for Oracle provides the ability to update the host name of the target database in the SnapManager profile.

- The local user's home directory must be aware of the profile-to-repository mappings.
- The SnapManager graphical user interface (GUI) sessions must be closed.

You can update the profile with the new host name by using only the CLI.

## Scenarios not supported for changing the target database host name in profile

The following scenarios not supported for changing the target database host name in the profile:

- Changing the target database host name by using the SnapManager GUI
- Rolling back of the repository database after updating the target database host name of the profile
- Updating multiple profiles for a new target database host name by running a single command
- Changing the target database host name when any SnapManager operation is running



After you update the target database host name in the profile, only the target database host name is changed. All the other configuration parameters set on the profile are retained.

After you update the target database host name, you cannot delete or unmount the backup if the clone or mounted backup is not available in the new host. In such scenarios, running the SnapManager operations from the new host lead to failure as well as stale entries in the earlier host. To perform SnapManager operations, you must revert to the earlier host name by using profile update.

1. Enter the following command: `smo profile update -profileprofile [-profile-passwordprofile_password][-database-dbnamedb_dbname-hostdb_host [-siddb_sid] [-login-usernamedb_username-passworddb_password-portdb_port]] [{-rman{-controlfile | {-login-usernamerman_username-passwordrman_password-tnsnamerman_tnsname}}}] | -remove-rman] [-retain [-hourly [-countn] [-durationm]] [-daily [-countn] [-durationm]] [-weekly [-countn] [-durationm]] [-monthly [-countn] [-durationm]]] [-commentcomment][-snapname-patternpattern][-summary-notification] [-notification [-success-emailaddress1, email_address2-subjectsubject_pattern] [-failure-emailaddress1, email_address2-subjectsubject_pattern]] [-separate-archivelog-backups-retain-archivelog-backups-hours | -daysdays | -weeksweeks | -monthsmonths] [-protect [-include-with-online-backups | -no-include-with-online-backups]] [-dump]`

Other options for this command are as follows:

`[-force] [-noprompt]`

If you want to...	Then...
<b>Change the target database host name</b>	Specify <code>-hostnew_db_host</code>

2. To view the target database host name of the profile, enter the following command: `smo profile show`

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