Considerations for cloning a database to an alternate host

SnapManager for SAP

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Before you can clone to a host other than the one on which the database resides, there are some requirements that must be met.

The following table shows the source and target host setup requirements:

Prerequisite set up	Requirement
Architecture	Must be the same on both the source and target hosts
Operating system and version	Must be the same on both the source and target hosts
SnapManager for SAP	Must be installed and running on both the source and target hosts
Credentials	Must be set for the user to access the target host
Oracle	The same software version must be installed on both the source and target hosts. The Oracle Listener must be running on the target host.
Compatible storage stack	Must be the same on both the source and target hosts
Protocol used to access data files	Must be the same on both the source and target hosts
Domain	Both remote host and the host on which the database resides must be in the domain and not in the workgroup

Clone a database to an alternate host

You can use the `clone create` command to clone a database backup on an alternate host.

What you'll need

- Create a profile or have an existing profile.
- Create a full backup or have an existing database backup.
- Create a clone specification or have an existing clone specification.

Step

1. To clone a database to an alternate host, enter the following command:

smsap clone create -backup-label *backup_label_name -newsid _new_sid* -host *target_host* -label *clone_label* -comment *comment_text* -profile *profile_name* -clonespec *full_path_to_clonespecfile*

Oracle does not let you run two databases with the same SID simultaneously on the same host. Because of this, you must supply a new SID for each clone. However, you can have a database on another host with the same SID.

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