



# **What the SnapManager for Oracle architecture is**

SnapManager Oracle

NetApp  
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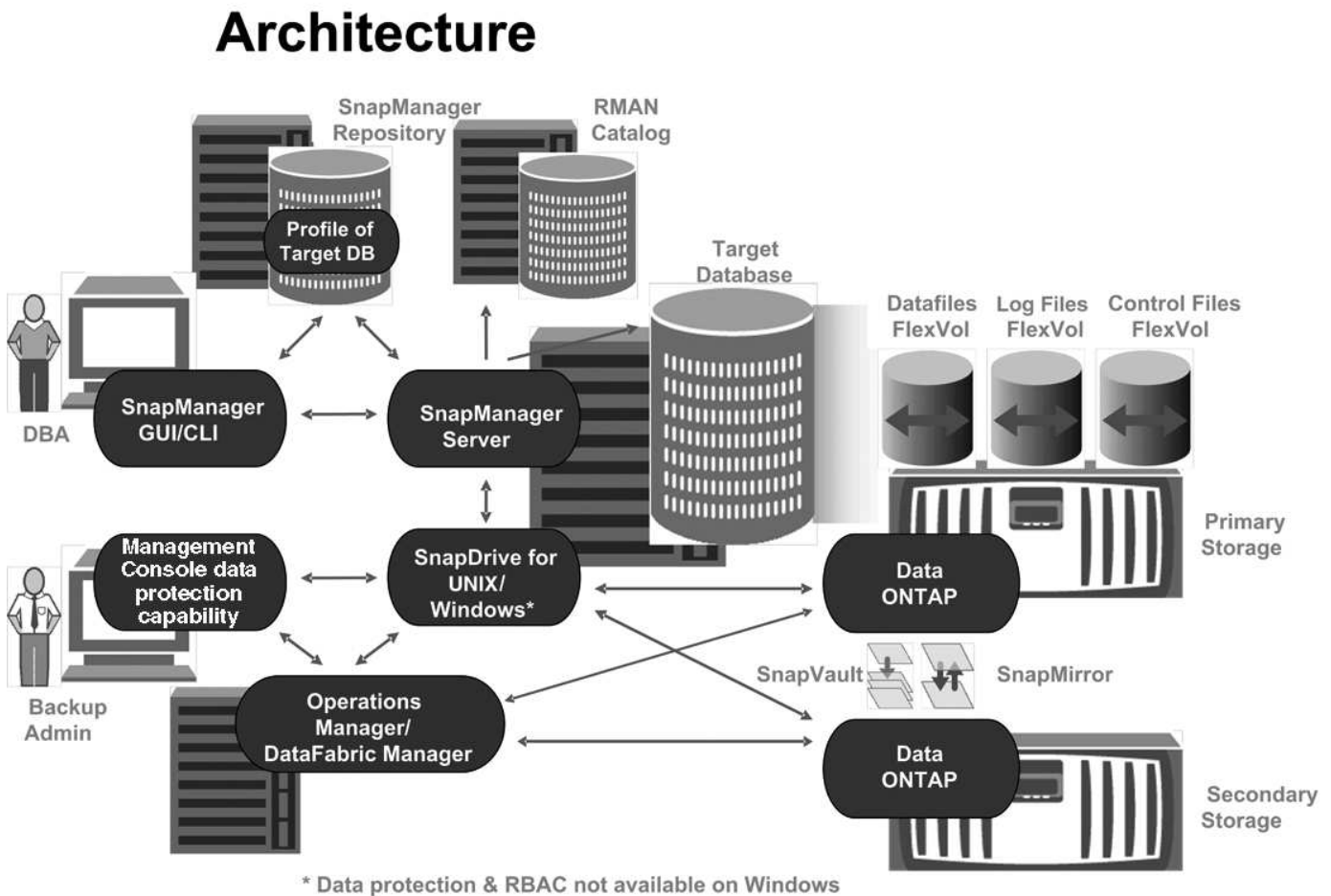
# What the SnapManager for Oracle architecture is

The SnapManager for Oracle architecture includes many components, such as the SnapManager for Oracle host, client, and repository. Other components include the primary and secondary storage systems and other NetApp products.

The SnapManager for Oracle architecture includes the following architectural components:

- SnapManager host
- SnapManager graphical user interface or command-line interface
- SnapManager repository
- Primary storage system
- Secondary storage systems
- SnapDrive for Windows

The following image shows the architecture of SnapManager for Oracle and related components:



## SnapManager host

The SnapManager host is a Windows server, which also runs other NetApp products.

The SnapManager host is installed with the following products:

- SnapDrive for Windows
- Host Utilities

The SnapManager host runs as a service.

## SnapManager graphical user and command-line interfaces

The SnapManager client includes both a graphical user interface (GUI) and a command-line interface (CLI).

## SnapManager repository

The repository stores information related to different SnapManager operations, for example, the time of backups, tablespaces and data files backed up, storage systems used, clones made, and Snapshot copies created.

The repository database cannot exist in the same database and also cannot be a part of the same database that SnapManager is backing up. This is because the repository stores the names of the database Snapshot copies created during the backup operations. The repository must be created in a different database than the database that is being backed up. This means that you must have at least two databases: the SnapManager repository database and the target database managed by SnapManager. When you run the SnapManager services, both the databases must be up and running.



You must not perform any SnapManager operations by using the GUI or CLI when the repository database is down.

## SnapDrive on SnapManager server

SnapManager uses SnapDrive for Windows to create Snapshot copies of the storage system. SnapDrive resides on the same server as SnapManager.

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