



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

## **SnapManager for SAP**

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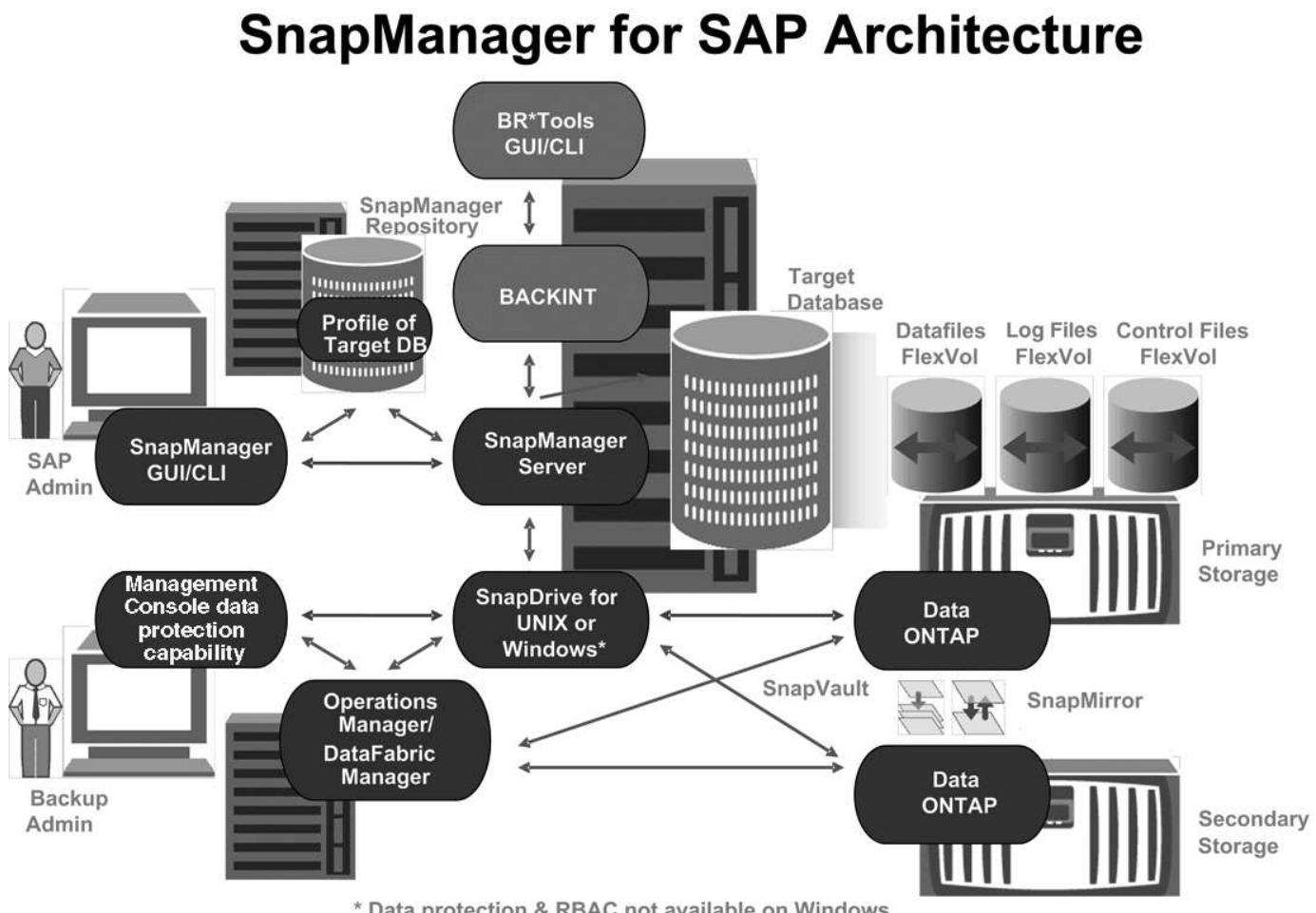
# What the SnapManager for SAP architecture is

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

The SnapManager for SAP architecture includes the following architectural components:

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

The following image shows the architecture of SnapManager for SAP 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.

The SnapManager host also supports the BACKINT interface, which is used for SAP BR\*Tools.

# **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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