

patchVantage Snap Clone



Super-fast Cloning for Very Large Oracle Databases

Simple to Install
and Manage

HTML5 Web Interface

Hardware Agnostic

Engineered for
Linux and Cloud

Organisations that use very large databases, for example Government agencies and utility companies, face particularly daunting challenges to keep these systems protected, compliant and current. Simply making a copy can take considerable time and demand a lot of expensive storage.

patchVantage Snap Clone functionality makes it easy and fast to set-up, operate and clone Very Large Oracle Databases.

Cloning is the key enabling technology underpinning migration to the Cloud. **patchVantage** makes it simple by automating much of the process and maintaining a comprehensive audit trail for RDBMS.

It is quick and simple to install, can be accessed from anywhere, and generates full log files, greatly reducing management overheads.



Simplicity

With an HTML5 Graphical User Interface (GUI), **pV** Snap Clone is very simple to install, configure and administer – from anywhere.

Database Administrators (DBAs) and end-users can create copies of large databases in minutes.

patchVantage is focused on keeping it simple by including:

- Step-by-Step GUI or Command Line Installation
- Intuitive End-User Interface so non-technical staff can create environments
- Set up NFS on Linux environments in minutes
- Fully supported by Oracle dbNFS – feature implemented in release 11.2
- Cloud-ready for Oracle and AWS.



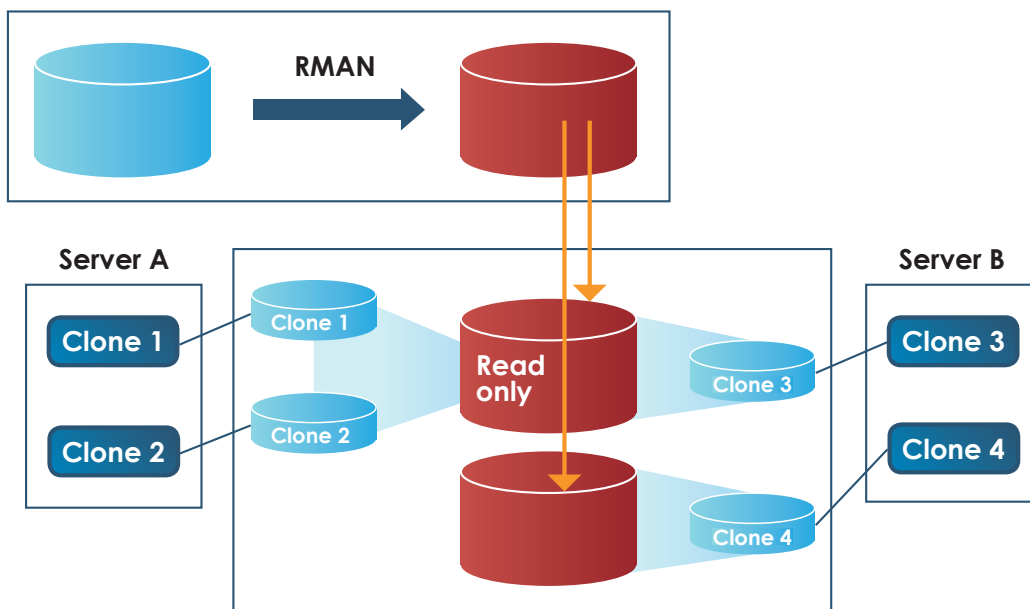
Solution Overview

pV Snap Clone accelerates the creation, back-up and cloning of Test and Development environments, whilst minimising disk usage; it makes use of RMAN backup (Hot or Cold) and direct NFS client (implemented in 11gR2). The Oracle CloneDB feature makes it possible to clone instantly an existing backup of a database mounted over Open Source NFS.

The clone process uses copy-on-write technology, so only the changed data file blocks need to be stored separately; unmodified data is referenced directly from backup files. The DBA does not have to reserve storage space equivalent to the size of the production database.

With **pV Snap Clone** the demand for storage space grows only at the rate at which data is modified, dramatically increasing cloning speed and reducing storage demands.

Source



Cloned instances sharing the same RMAN backup – each instance writes changes to its own private space.

For more information consult **My Oracle Support**:
"Clone your dbNFS Production Database for Testing".

Snap Clone Setup

Streamlined Configuration



Register
Source DBMS



Backup
Source DBMS



Create
NFS Mount



Create
Template



Execute
Snap Clone

Critical Differentiators

- Clone databases of any size in minutes
- Each Clone creates fractional data volume
- Runs out-of-the-box
- Uses Open Source NFS - no special hardware or File System requirements

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