

Sun Virtual Desktop Infrastructure
VDI Core Reconfiguration Guide for Version 3.1

April 2011

ORACLE

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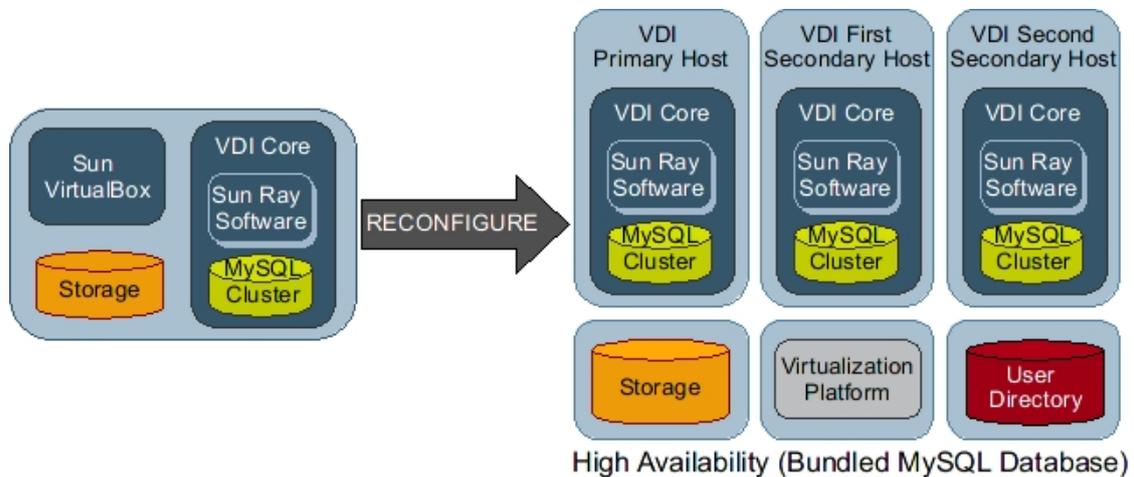
VDI Core Reconfiguration (All Topics)

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VDI Core Reconfiguration (All Topics)

How to Reconfigure (Demo to HA Bundled MySQL Database)



Steps

1. Back up the data from the Demo database.
 - a. On the Demo (or Evaluation) host, run the following command.


```
# /opt/SUNWvda/mysql/bin/ndb_mgm
```
 - b. At the `ndb_mgm` prompt, run the following command.

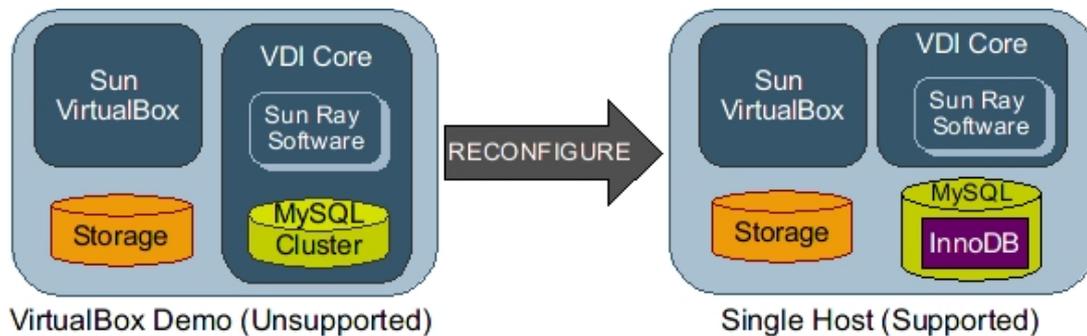

```
START BACKUP
```
 - c. Check if a directory 'BACKUP/BACKUP-1' got created at the location `/var/opt/SUNWvda/mysql-cluster`.
2. Unconfigure the Demo host.


```
# /opt/SUNWvda/sbin/vda-config -u
```
3. Install and configure the VDI Core on one Primary and at least two Secondary hosts. Follow the instructions on the [How to Install and Configure the VDI Core \(Bundled MySQL Database\)](#) page.
4. Restore the data on one of the Secondary hosts.

- a. Save the backup at the location `/var/opt/SUNWvda/mysql-cluster/BACKUP/BACKUP-1` in the secondary host.
- b. Run the following command on the same secondary host .

```
# /opt/SUNWvda/mysql/bin/ndb_restore -b <backup #> -n <nodeid #> -r --
backup_path=<path>
```

How to Reconfigure (Demo to Single Host)



Steps

1. Back up the data from the Demo database.

```
# /opt/SUNWvda/mysql/bin/mysqldump --defaults-file=/etc/opt/SUNWvda/my.cnf
--port=3306 -u root --opt vda > /demosetup.sql
```

2. Unconfigure the VDI Core.

```
# /opt/SUNWvda/sbin/vda-config -u
```

3. Install a remote database, create a privileged database administrator, and configure the VDI Core as Single Host. For more details, refer to the [How to Install and Configure the VDI Core \(Single VDI Host\)](#) page.

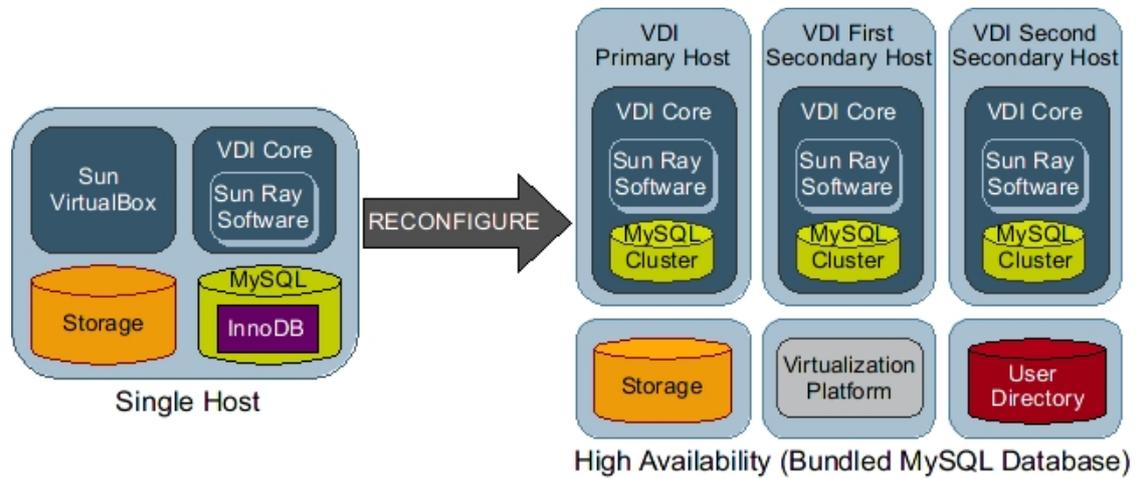
4. Restore the data on the Single Host.

```
# /usr/local/mysql/bin/mysql vda < demosetup.sql
```



You must use the database name 'vda' (as seen in the commands above), otherwise the migration will fail. This is because the default name of the database during the Demo configuration is 'vda'.

How to Reconfigure (Single Host to HA Bundled MySQL Database)



Steps

1. Back up the data from the Single Host database.

Change to the `usr/local/mysql/bin/` directory and run `mysqldump`.

```
# cd usr/local/mysql/bin/
# ./mysqldump --user=root -u root --opt vda | gzip > /dumptest1.sql.gz
```

2. Unconfigure the Single Host.

```
# /opt/SUNWvda/sbin/vda-config -u
```

3. Install and configure the VDI Core on one Primary and at least two Secondary hosts.

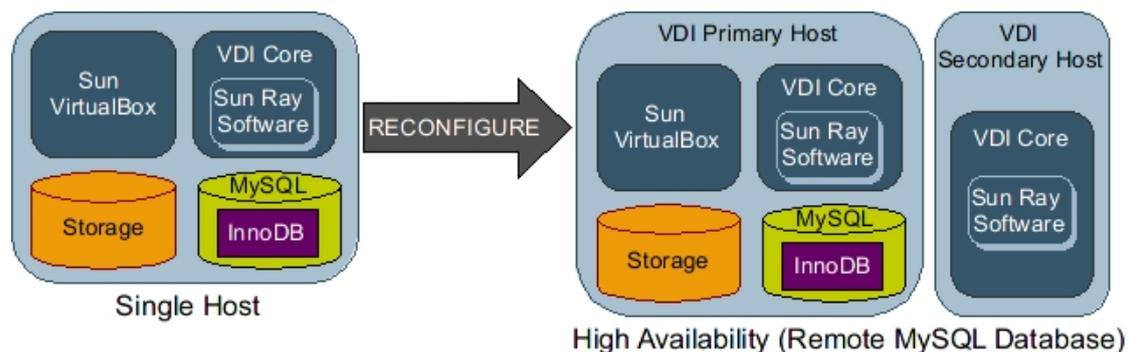
Follow the instructions on the [How to Install and Configure the VDI Core \(Bundled MySQL Database\)](#) page.

4. Restore the data on one of the Secondary hosts.

- a. Run the following command.

```
# /opt/SUNWvda/mysql/bin/mysqldump --defaults-file=/etc/opt/SUNWvda/my.cnf
--port=3306 -u root --opt vda < /dumptest1.sql
```

How to Reconfigure (Single Host to HA Remote MySQL Database)



The following procedure assumes that the existing configuration is a Single Host with VirtualBox, a remote MySQL database, and the VDI Core installed on one host. It also assumes that during reconfiguration, the remote database will remain on the existing host.

Before You Begin



Backing up data is not required part of this reconfiguration, but it is strongly recommended. Refer to the [How to Back Up and Restore Data \(Remote MySQL Database\)](#) for details on how to back up the remote database.

Steps

1. Unconfigure the Single Host.

```
# /opt/SUNWvda/sbin/vda-config -u
```

2. Install and configure the VDI Core on one Primary and at least one Secondary host.
For more details, refer to the [How to Install and Configure the VDI Core \(Remote MySQL Database\)](#) page.