VOSS Migrate

Increasing Disk Space in Migrate

Release 1.0

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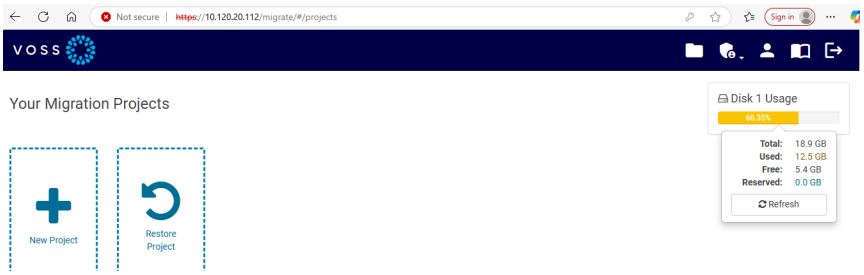
Contents

Introduction

This document describes the detailed steps for increasing disk space on the VOSS Migrate. When you start using the Migrate application, you will notice that you are running out of space for your migration project. The screenshot below illustrates the disk space currently being monitored.

To allow the Migrate application to handle more migration projects, you'll need to increase your disk size.



Sda1 is the root partition comes with standard OVA

```
platform@cpt-naz-migrate:~$ diag disk
Filesystem      Size  Used Avail Use% Mounted on
udev            7.8G     0  7.8G   0% /dev
tmpfs           3.2G  106M  3.1G   4% /run
/dev/sda1        18G  4.3G   13G  26% /
tmpfs           7.9G     0  7.9G   0% /dev/shm
tmpfs           5.0M     0  5.0M   0% /run/lock
tmpfs           7.9G     0  7.9G   0% /sys/fs/cgroup
none            7.9G     0  7.9G   0% /run/shm
none            7.9G   20K  7.9G   1% /tmp
/dev/sdb1       9.9G   37M  9.4G   1% /var/log
/dev/sdb2        40G  6.9G   31G  19% /opt/platform
tmpfs           1.6G     0  1.6G   0% /run/user/1401

platform@cpt-naz-migrate:~$
```

Work Instructions

2.1 Shut down VOSS Migrate via the CLI

Type the command system shutdown in the VOSS CLI and create a snapshot of the VM before making any changes.

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2.2 Add New Harddrive

Log in to the VMware console and select the VOSS Migrate VM.

Right-click on the VM and select **Edit Settings**.

Click **Add...** and select **Hard Disk**.

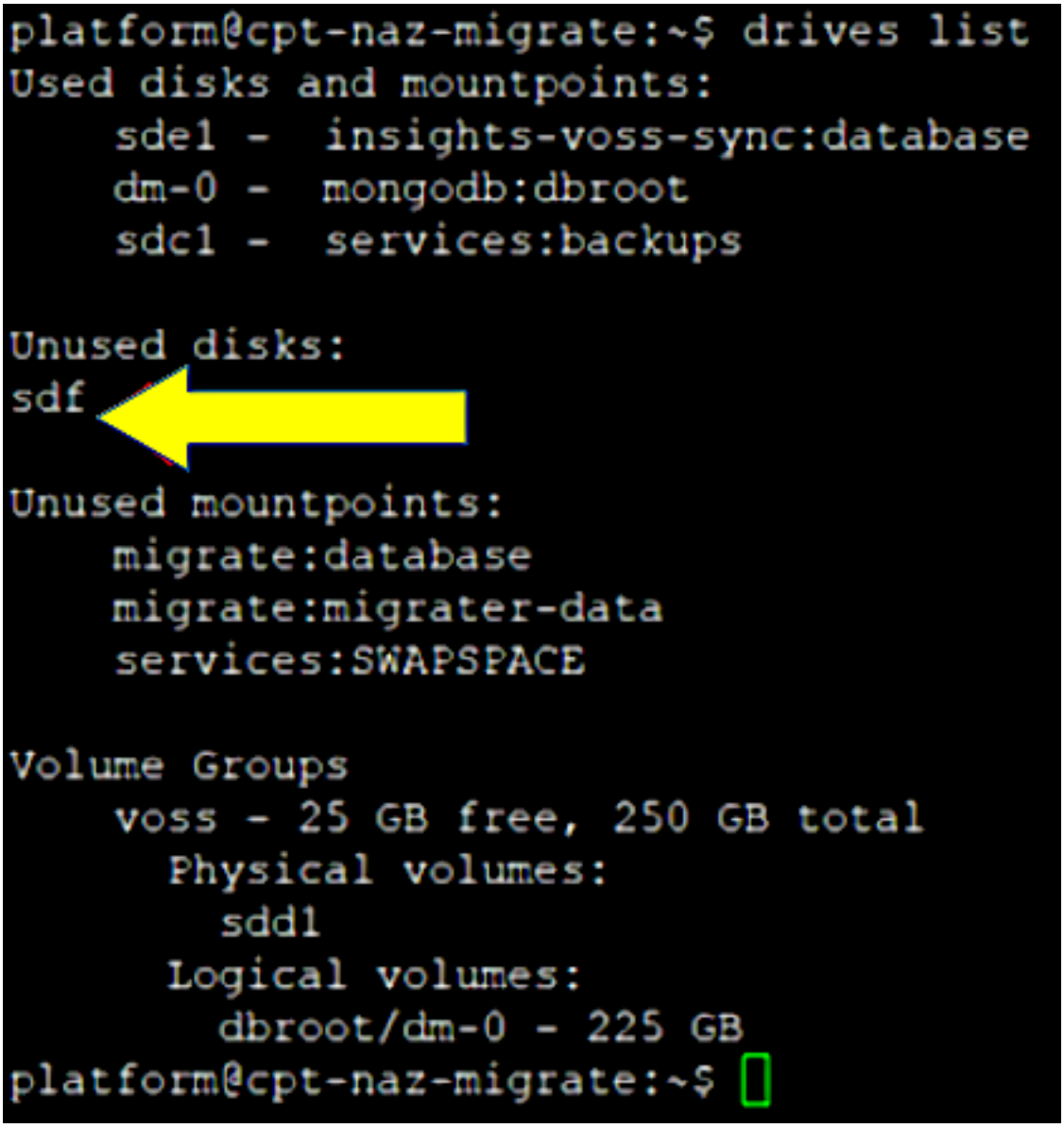
Follow the rest of the wizard and set the parameters - 300GB, thick provisioned in this case.

Once done, power on the VM and log in to the system as the platform user.

Run a disk listing using the command: `drives list`

```
drives add <disk> migrate:database
```

After adding the drive, below is the output from our lab *before* running the `drive add` command:



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```
platform@cpt-naz-migrate:~$ drives add sdf migrate:database
```

```
platform@cpt-naz-migrate:~$ drives add sdf migrate:database
  Configuration setting "devices/scan_lvs" unknown.
  Configuration setting "devices/allow_mixed_block_sizes" unknown.
  WARNING: Failed to connect to lvmetad. Falling back to device scanning.
cec54165-5b69-4b26-b682-08e15e6e431f
Application migrate processes stopped.
Migrating data to new drive - this can take several minutes
Data migration complete - reassigning drive
Checking that /dev/sde1 is mounted
/opt/platform/apps/insights-voss-sync/database
Checking that /dev/sdf1 is mounted
Checking that /dev/dm-0 is mounted
/opt/platform/apps/mongodb/dbroot
Checking that /dev/sdc1 is mounted
/backups

Application services:firewall processes stopped.
Reconfiguring applications...
Application migrate processes started.
platform@cpt-naz-migrate:~$
```

```
platform@cpt-naz-migrate:~$ drives list
```

```
platform@cpt-naz-migrate:~$ drives list
Used disks and mountpoints:
    sde1 -  insights-voss-sync:database
    sdf1 -  migrate:database
    dm-0 -  mongodb:dbroot
    sdc1 -  services:backups

Unused disks:
    none - if disks have been hot-mounted, it may be necessary to reboot the system

Unused mountpoints:
    migrate:migrater-data
    services:SWAPSPACE

Volume Groups
    voss - 25 GB free, 250 GB total
      Physical volumes:
        sdd1
      Logical volumes:
        dbroot/dm-0 - 225 GB
platform@cpt-naz-migrate:~$
```

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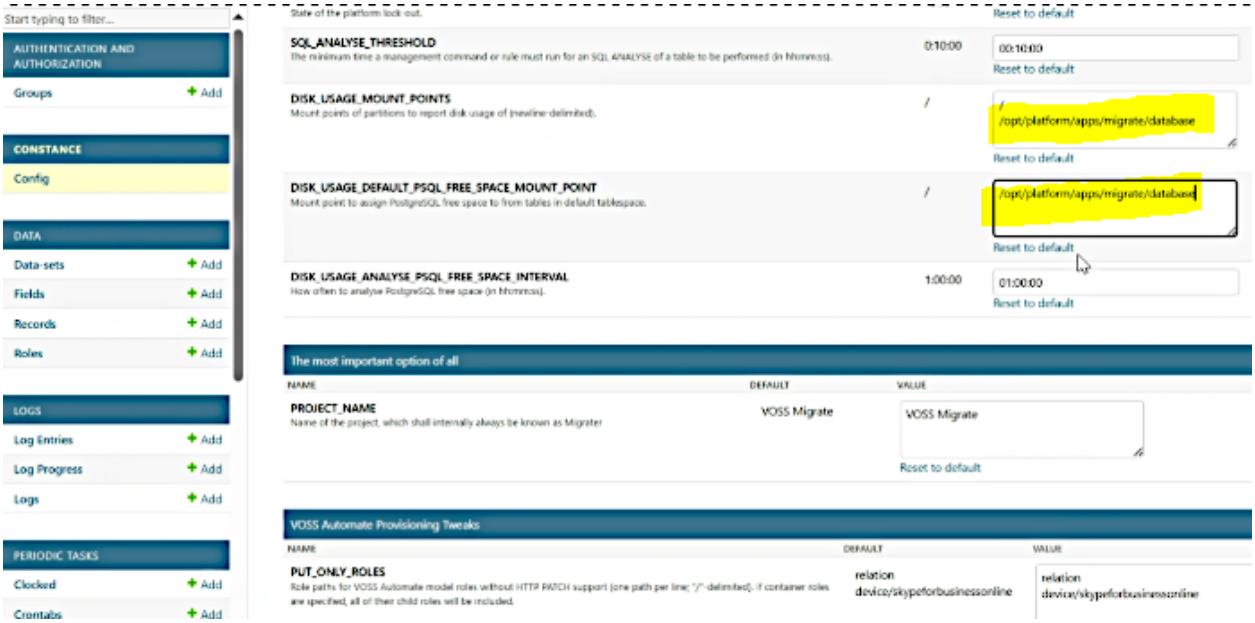
2.3 Allow the Migrate application to use the added disk

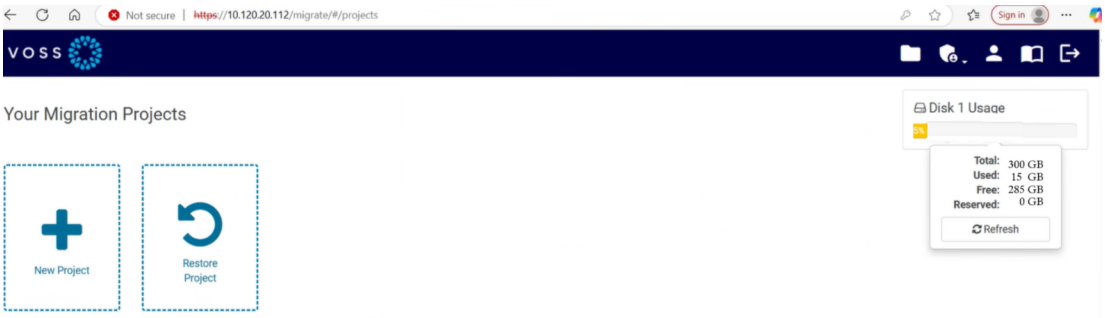
Log in to the VOSS Migrate VM via the GUI as user `udt`, click on **Config Change**, and make the modifications as outlined below.

https://10.120.20.112/migrate/admin/



2.4 Verify the increased disk space

Login to the VOSS Migrate VM via the GUI and click on **Disk Usage**.



Confirm that you can see the new available space

Note: How the **migrate:database** is mapped to /**migrater-db**

```
root@cpt-naz-migrate:~# vi /opt/platform/apps/migrate/docker/migrate_backend_start
```

```
VOLUMES="$VOLUMES -v /opt/platform/apps/migrate/database/db-checks:migrater-db:ro"
```

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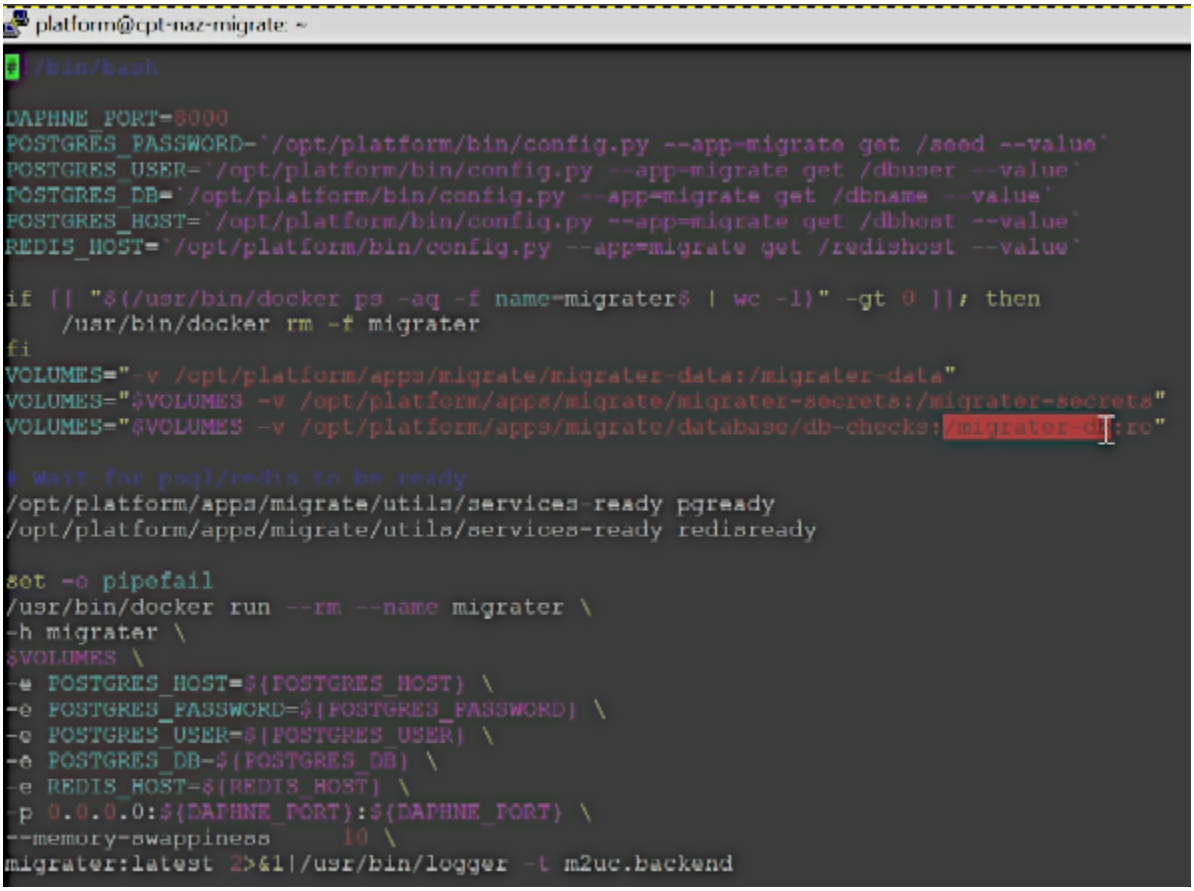

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