



1 Preliminary Checks

Run the checks below to check if your cloud is prepared for upgrade.

- ☐ SLES 12 SP1 Maintenance Updates
- ☐ Cloud Services Health Check
- ☐ Pacemaker Health Check
- ☐ Ceph Health Check
- ☐ Compute Resources Available

Check

3 Begin Upgrade

Click on "Begin Upgrade" below to start the upgrade process.

Begin Upgrade

2 Upgrade Mode

After all checks are successful the upgrade mode of your cloud will be shown here...

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SUSE OpenStack Cloud : Upgrade 6-7

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Compute Resources Available

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Cloud Services Health Check

✓

Pacemaker Health Check

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Ceph Health Check

✓

Compute Resources Available

Check

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Upgrade Mode

Your cloud is now prepared to begin the upgrade process in normal mode.

Proceed in Normal Mode

In normal mode, each node will be rebooted during the upgrade process, including the workloads running in them.

In order to proceed in non-disruptive mode your cloud needs to have the pacemaker barclamp correctly configured and applied and at least one free node as large or larger than any other node in your clouds compute plane.

Be sure to re-run the checks if you make any changes to your cloud after the initial run.

3

Begin Upgrade

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SUSE OpenStack Cloud : Upgrade 6-7

Download Backup of Administration Server

Check Administration Server Repositories

Upgrade Administration Server

Connect or Create OpenStack Database

Check Add-On & Node Repositories

Backup OpenStack Database

Upgrade Nodes & Reapply Barclamps

Create a backup of the Administration Server configuration and download it in your browser.

Keep this backup somewhere safe in case of emergency. With this backup and a fresh deployment of SUSE OpenStack Cloud 6 your cloud can be returned to it's previous state.

Download Backup of Administration Server

Cancel Upgrade

Next

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SUSE OpenStack Cloud : Upgrade 6-7

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Upgrade Administration Server

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Check Add-On & Node Repositories

Backup OpenStack Database

Upgrade Nodes & Reapply Barclamps

Upgrading to SUSE OpenStack Cloud 7 requires software repositories for the administration server

Update the URLs of the following software repositories and click “Check” to verify the repositories are available. When all repositories have been verified click on “Next” to proceed.

✔️

 SUSE Linux Enterprise 12 SP2

❌

 SUSE Linux Enterprise 12 SP2 Updates

⊖

 SUSE Linux OpenStack Cloud 7

⊖

 SUSE Linux OpenStack Cloud 7 Updates

⚙️

 Check

Cancel Upgrade

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SUSE OpenStack Cloud : Upgrade 6-7

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Upgrade Administration Server

Connect or Create OpenStack Database

Check Add-On & Node Repositories

Backup OpenStack Database

Upgrade Nodes & Reapply Barclamps

Enter Credentials and/or Information to Create or Connect to a PostgreSQL Database for the OpenStack Database Migration.

Create a Database

Connect to a Database

Server

myservername234.network.local.mycompany.

Port

54321

Table_Prefix (optional)

Username

myNämeüß

Password

.....

Connect to Database

Cancel Upgrade

Next

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SUSE OpenStack Cloud : Upgrade 6-7

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Create a Database

Connect to a Database

Username

myNämeüß

Password

.....

Create Database

Cancel Upgrade

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SUSE OpenStack Cloud : Upgrade 6-7

Download Backup of Administration Server

Check Administration Server Repositories

Upgrade Administration Server

Connect or Create OpenStack Database

Check Add-On & Node Repositories

Backup OpenStack Database

Upgrade Nodes & Reapply Barclamps

Upgrading to SUSE OpenStack Cloud 7 requires software repositories for all nodes

Update the URLs of the following software repositories and click “Check” to verify the repositories are available. When all repositories have been verified click on “Next” to proceed.

✔️ SUSE Linux Enterprise 12 SP2

❌ SUSE Linux Enterprise 12 SP2 Updates

⊖ SUSE Linux OpenStack Cloud 7

⊖ SUSE Linux OpenStack Cloud 7 Updates

⊖ SUSE Linux Enterprise 12 SP2 HA

⊖ SUSE Linux Enterprise 12 SP2 HA Updates

⊖ SUSE Linux Enterprise Storage 3

⊖ SUSE Linux Enterprise Storage 3 Updates

⌛ Check

Cancel Upgrade

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