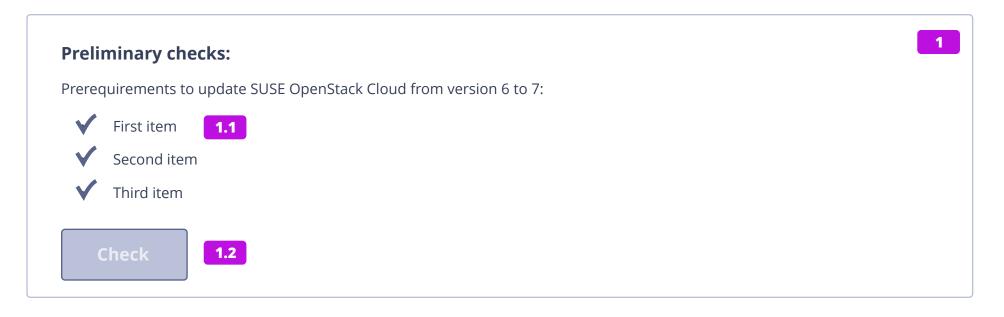
# **SUSE OpenStack Cloud Non-Disruptive Upgrade**

In order to begin upgrading SUSE OpenStack Cloud from version 6 to 7, the following requirements must be met:

- The Administration Server needs to have the latest SUSE OpenStack Cloud 6 updates installed. One of these updates will add the new upgrade routine to the Crowbar Web interface.
- All other nodes need to have the latest SUSE OpenStack Cloud 6 updates and the latest SLES updates.
- All allocated nodes need to be available. In addition, a free node with at least an equal amount of disk and memory space as the largest running node must be free of any workload and available.



Note: Manual changes to the cloud during the upgrade process could lead to irrepairable damage to the cloud, the workloads running in it and the data they produce or consume.

Are you sure you want cancel the upgrade? d it in your Please confirm that you want to cancel the upgrade process and return your cloud to SUSE OpenStack Cloud 6. Canceling upgrade will return you to the crowbar dashboard. 4.1 4.2 No, return to Upgrade Yes, cancel Upgrade **Cancel Upgrade** Next

#### **Repo Checks**

**Upgrade Admin** 

**PostgreSQL DB** 

Repo Checks 3.1

**Migrate DB** 

**Upgrade Nodes** 

3

## **Administration Server Repository checks**

With the upgrade to SUSE OpenStack Cloud 7 the administration server will be upgraded to SUSE Linux Enterprise 11 SP2.

Please update the urls of the following software repositories:

- SUSE Repository One URL 1.1
- ✓ SUSE Repository Two URL
- SUSE Repository Three URL



1.2

**Cancel Upgrade** 

2.1

2

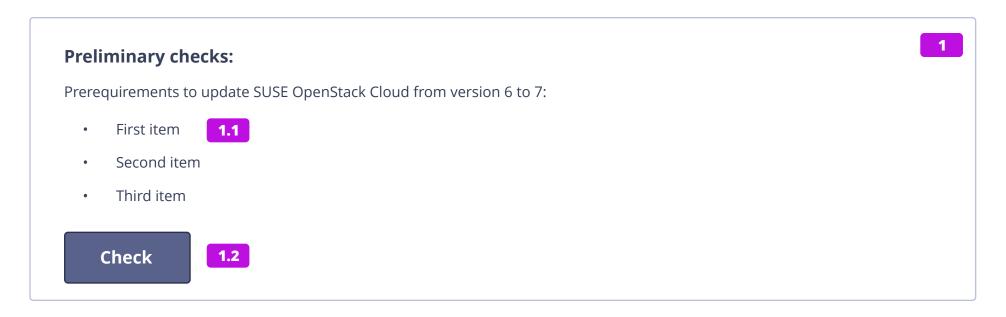
2.2

Next

# **SUSE OpenStack Cloud Non-Disruptive Upgrade**

In order to begin upgrading SUSE OpenStack Cloud from version 6 to 7, the following requirements must be met:

- The Administration Server needs to have the latest SUSE OpenStack Cloud 6 updates installed. One of these updates will add the new upgrade routine to the Crowbar Web interface.
- All other nodes need to have the latest SUSE OpenStack Cloud 6 updates and the latest SLES updates.
- All allocated nodes need to be avialable. In addition, a free node with at least an equal amount of disk and memory space as the largest running node must be free of any workload and available.



Note: Manual changes to the cloud during the upgrade process could lead to irrepairable damage to the cloud, the workloads running in it and the data they produce or consume.

#### **Repo Checks**

**Upgrade Admin** 

**PostgreSQL DB** 

Repo Checks 3.1

**Migrate DB** 

**Upgrade Nodes** 

3

## **Administration Server Repository checks**

With the upgrade to SUSE OpenStack Cloud 7 the administration server will be upgraded to SUSE Linux Enterprise 11 SP2.

Please update the urls of the following software repositories:

- SUSE Repository One URL 1.1
- SUSE Repository Two URL
- SUSE Repository Three URL

Check

1.2

**Cancel Upgrade** 

2.1

2

2.2

Next

**Backup Database Configuration Repo Checks** 1.1 **Create a new PostgreSQL DB Connect to an existing PostgreSQL DB Upgrade Admin** Create a new PostgreSQL database by supplying the username and password PostgreSQL DB and clicking on "Next". The username must XX characters long may contain the following characters. Only those and only those will be allowed, though shall not pass! Repo Checks 3.1 Username 1.2 Migrate DB myusername **Password Upgrade Nodes** mypassword 1.4 **Create Database** Next 2.1

### **Repo Checks**

### **Upgrade Admin**

### **PostgreSQL DB**

Repo Checks 3.1

**Migrate DB** 

**Upgrade Nodes** 

3

# **Add-On Product Repository checks**

With the upgrade to SUSE OpenStack Cloud 7 every node will be upgraded to SUSE Linux Enterprise 12 SP2.

Please update the repository urls of the following add-on products:

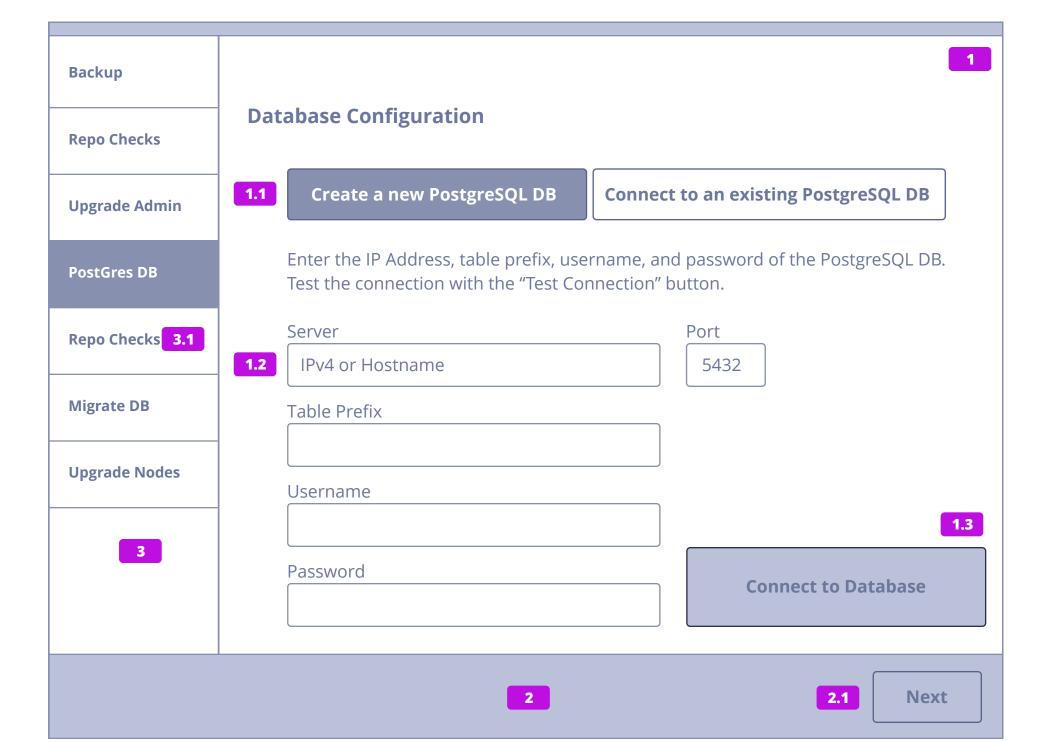
- SUSE Add-On Product One URL
   1.1
- SUSE Add-On Product Two URL
- SUSE Add-On Product Three URL



1.2

2

**Backup** Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do **Repo Checks** eiusmod tempor **Upgrade Admin** 1.1 Non-Disruptive Upgrade **PostgreSQL DB** Repo Checks 3.1 Upgrade Control Nodes (5 of 5) Upgrade Compute Nodes (3 of 15) **Migrate DB** Current node: 198.204.16.123 (4 VM instances) **1.2.1** Re-apply barclamps **Upgrade Nodes** Finish 2.1



**Repo Checks** 

**Upgrade Admin** 

**PostgreSQL DB** 

Repo Checks 3.1

**Migrate DB** 

**Upgrade Nodes** 

3

## **Add-On Product Repository checks**

With the upgrade to SUSE OpenStack Cloud 7 every node will be upgraded to

SUSE Linux Enterprise 12 SP2.

Please update the repository urls of the following add-on products:

- ✓ SUSE Add-On Product One URL

  1.1
- **✓** SUSE Add-On Product Two URL
- ✓ SUSE Add-On Product Three URL

Check

1.2

2

2.1 Next

