

Backup

Repo Checks

Upgrade Admin

PostgreSQL DB

Migrate DB

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1

Cancelling Upgrade: Repository Checks

In order to cancel the upgrade process the repositories for the Administration Server need to be returned to SUSE OpenStack Cloud 6 from SLES SP1.

Please update the urls of the following software repositories and click the “Check” button to test the repositories. Once all repositories are available click on “Return to SUSE OpenStack Cloud 6”:

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

Check

1.2

5

5.1

Return to SUSE OpenStack Cloud 6

SUSE OpenStack Cloud Non-Disruptive Upgrade

0

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.

Preliminary checks:

1

Prerequisites to update SUSE OpenStack Cloud from version 6 to 7:

- ✓ First item 1.1
- ✓ Second item
- ✓ Third item

Check

1.2

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

Begin Upgrade

2

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Create & Download Admin Server Configuration Backup

Are you sure you want cancel the upgrade?

4

Please verify that you ant to cancel the upgrade process and return your cloud to SUSE OpenStack Cloud 6.

The node states will be returned to "STATENAME"

4.1

4.2

No, return to Upgrade

Yes, cancel Upgrade

Cancel Upgrade

2

Next

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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

0

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.
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Preliminary checks:

1

Prerequisites to update SUSE OpenStack Cloud from version 6 to 7:

- First item
- Second item
- Third item

Check

1.2

1.1

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

Begin Upgrade

2

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1

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Create & Download Admin Server Configuration Backup

Create a backup of the Administration Server configuration and download it in your browser. This helps with support questions or in the unlikely case of trouble.

Create & Download Backup

1.1

Cancel Upgrade

2.1

2

2.2

Next

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Administration Server Repository Checks

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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

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Upgrade the Administration Server

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

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Upgrade Admin Server 1.1

Cancel Upgrade 2.1

2

2.2

Next

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1

Database Configuration

1.1

Create a new PostgreSQL DB

Connect to an existing PostgreSQL DB

Create a new PostgreSQL database by supplying the username and password 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!

Username

Password

1.2

2

2.1

Next

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1

Stop OpenStack Services and Migrate the OpenStack Database

When ready, please click below to stop all services and migrate the OpenStack database.



Migrate OpenStack Database

1.1



Services Stopped

1.2

- Backup created
- Migrating Database

2

2.1

Next

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1

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

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1

1.1

Non-Disruptive Upgrade

1.2

Upgrade Control Nodes (5 of 5)

Upgrade Compute Nodes (3 of 15)

Current node: 198.204.16.123 (4 VM instances) 1.2.1

Re-apply barclamps

2

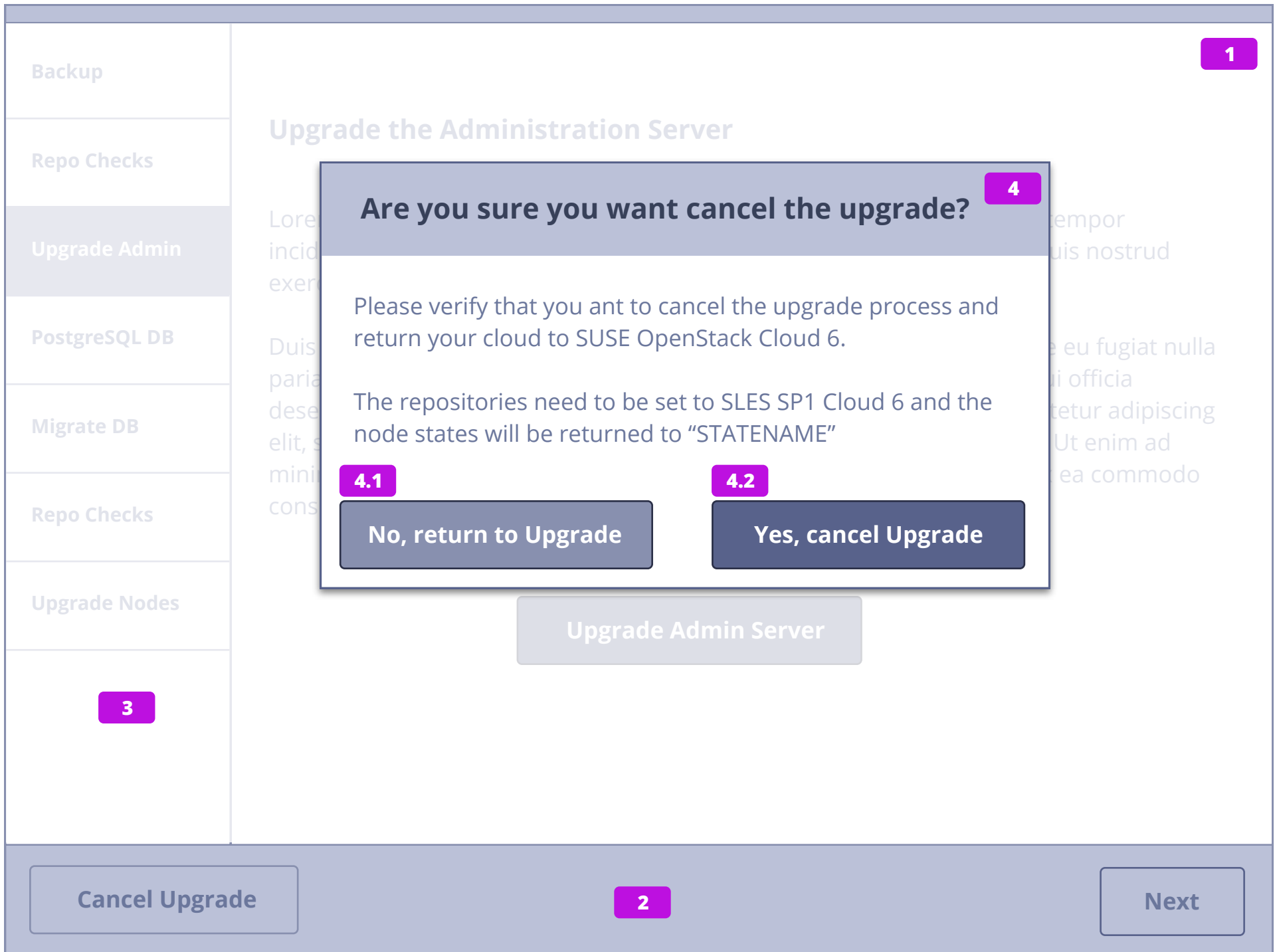
2.1

Finish

2

2.1

Finish



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Database Configuration

1.1

Create a new PostgreSQL DB

Connect to an existing PostgreSQL DB

Enter the IP Address, table prefix, username, and password of the PostgreSQL DB. Test the connection with the "Test Connection" button.

1.2

IP Address

Table Prefix

Username

Password

1.3

Test Connection

3

2

2.1

Next

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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

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Database Configuration

1.1

Create a new PostgreSQL DB

Connect to an existing PostgreSQL DB

Enter the IP Address, table prefix, username, and password of the PostgreSQL DB. Test the connection with the "Test Connection" button before proceeding.

1.2

IP Address

Table Prefix

Username

Password

1.3

Test Connection

2

2.1

Next

3