Upgrading to SUSE® Linux Enterprise Server 12
TUT8148

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Introduction
Who We Are

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# Overview

- Introduction
- Lifecycle
- Types of Migration
- Supported Paths
- Upgrade Tools
- Add-Ons, Extensions and Modules
- Live Demo
- Support During the Upgrade
- Options *(in case you can't upgrade)*
## Lifecycle

**SUSE® Linux Enterprise Server 12**

10 years lifecycle + 3 years extended support

<table>
<thead>
<tr>
<th>General Support</th>
<th>Extended Support</th>
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<td><strong>Year 1</strong></td>
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<td><strong>Year 12</strong></td>
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<td><strong>Year 13</strong></td>
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- **GA**
- **LTSS**
- **SP1**
- **LTSS**
- **SP2**
- **LTSS**
- **SP3**
- **LTSS**
- **SP4**

**13-year lifecycle** (10 years general support, 3 years extended support)
Lifecycle
SUSE® Linux Enterprise Server 12

10 years lifecycle + 3 years extended support

- **13-year lifecycle** (10 years general support, 3 years extended support)
- **5-year lifecycle per Service Pack** (2 years general + 3 years extended support)
## Lifecycle

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- **13-year lifecycle** (10 years general support, 3 years extended support)
- **5-year lifecycle per Service Pack** (2 years general + 3 years extended support)
- Long Term Service Pack Support (LTSS) available for all versions, including GA
Types of Migration
Migration Types

- Online migration between Service Packs
- Offline migration from CD
Supported Paths
Upgrade to SUSE® Linux Enterprise Server 12 General Availability

• If you are running SUSE Linux Enterprise Server 11 SP3
  - Please upgrade to SUSE Linux Enterprise Server 12 GA only via Media
Upgrade to SUSE® Linux Enterprise Server 12 General Availability

• If you are running SUSE Linux Enterprise Server 11 SP3
  - Please upgrade to SUSE Linux Enterprise Server 12 GA only via Media

• If you are running SUSE Linux Enterprise Server 11 SP1 or SUSE Linux Enterprise Server 11 SP2 (under LTSS)
  - Please consider an online/offline update to SUSE Linux Enterprise Server 11 SP3 and then the upgrade to SUSE Linux Enterprise Server 12 GA
Upgrade to SUSE® Linux Enterprise Server 12 General Availability

• If you are running SUSE Linux Enterprise Server 11 SP3
  - Please upgrade to SUSE Linux Enterprise Server 12 GA only via Media

• If you are running SUSE Linux Enterprise Server 11 SP1 or SUSE Linux Enterprise Server 11 SP2 (under LTSS)
  - Please consider an online/offline update to SUSE Linux Enterprise Server 11 SP3 and then the upgrade to SUSE Linux Enterprise Server 12 GA

• If you are running SUSE Linux Enterprise Server 9 SP4 (LTSS), SUSE Linux Enterprise Server 10 SP3 (LTSS) or SUSE Linux Enterprise Server 10 SP4 LTSS
  - Please consider a fresh new installation of SUSE Linux Enterprise Server 12 GA!
Migration types

SUSE Linux Enterprise Server 11 SP3 + Update

SUSE Linux Enterprise Server 12
Add-Ons, Extensions and Modules
Add-Ons, Extensions and Modules

- **SUSE Linux Enterprise Server 11**
  - Software Development Kit (SDK)
  - High Availability Extension (+ GEO Clustering)
  - Machinery, Legacy, etc.
- **SUSE Linux Enterprise Server 12**
  - Software Development Kit (SDK)
  - High Availability Extension (+ GEO Clustering)
  - Machinery, Legacy, etc.
  - Live Patching
  - Workstation Extension
Live Demo!
Options in Case You Can't Upgrade
Lifecycle
SUSE® Linux Enterprise Server 11

10 years lifecycle + 3 years extended support

- **13-year lifecycle** (10 years general support, 3 years extended support)
- Service Packs are released every ~18 months
  - ~2 years general support per Service Pack
  - 6 month upgrade window after release of the next Service Pack
- Long Term Service Pack Support (LTSS)
Why Long Term Service Pack Support?

If you ...

- Are starting a new project with a need to rely on a specific SP for 3 to 5 years
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- Are planning to upgrade outside the 6 months overlap maintenance period
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- Need to test all the patches before applying them

... then you need LTSS
Long Term Service Pack Support
Main Benefits

· **Full Flexibility**
  
  ... to decide to stay or to move to another Service Pack
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• Keep the system updated against security threats
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Main Benefits

• **Full Flexibility**
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• Keep the *system updated* against security threats

• Receive *support* whenever need it
  ... for any high priority bugs that corrupt the proper functionality of a system
Long Term Service Pack Support
Main Benefits

- **Full Flexibility**
  ... to decide to stay or to move to another Service Pack

- Keep the **system updated** against security threats

- Receive **support** whenever need it
  ... for any high priority bugs that corrupt the proper functionality of a system.

- Keep the **cost down**
  ... by avoiding the need to test and deploy a new Service Pack
Questions?

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