

# SUSE® Manager

Manually updating, patching and configuring servers can be a time-consuming, error-prone task. Built for Linux, SUSE® Manager solves these problems. It automates Linux server management, allowing you to provision and maintain your servers faster and more accurately. It monitors the health of each Linux server from a single console so you can identify server performance issues before they impact your business. And it lets you comprehensively manage your Linux servers across physical, virtual and cloud environments while improving data center efficiency.

## Product Overview

SUSE Manager delivers best-in-class Linux server management capabilities like automated software management, system provisioning and monitoring. It decreases total cost of ownership while improving compliance and service quality.

## Key Benefits

- **Automation to increase productivity and reduce costs.** SUSE Manager provides a unified Linux management infrastructure by standardizing and automating server patching and management. You perform management and provisioning tasks faster and with fewer errors, which improves IT staff productivity while reducing server downtime.
- **Optimized IT operations through management across various IT environments.** SUSE Manager allows IT professionals to manage SUSE Linux Enterprise and Red Hat Enterprise Linux, different hardware platforms

and various deployment environments (physical, virtual and cloud) from a single, centralized console using the same automated functionality. This allows you to optimize and expand your IT operations, gain agility and achieve a positive ROI.

- **Better change control and compliance tracking.** SUSE Manager allows administrators to automate operating system tracking and auditing processes. IT organizations can establish and enforce server configurations by tracking server changes, thus ensuring consistency across the data center. SUSE Manager automatically confirms that servers have the latest security updates, checks system-security configuration settings and examines systems for signs of compromise.

## Key Features

SUSE Manager delivers complete lifecycle management and monitoring for Linux servers:

## System Requirements

<b>Minimum server requirements include:</b>
<b>CPU:</b> Pentium 4 or later, AMD Opteron or later, 2 GHz or more, 512 KB cache or equivalent (recommended: Intel or AMD multi-core processor, 2.4 GHz dual processor, 512 KB cache or equivalent)
<b>RAM:</b> 2 GB (minimum for base installation), 8 GB (for production operation)
<b>Free disk space:</b> 20 GB for base installation, additional, at least, 50 GB for repository data
<b>Supported processor platforms for SUSE Manager Server include:</b>
x86_64 (64-bit)
IBM System z
For detailed product specifications and system requirements, visit: <a href="http://www.suse.com/products/suse-manager/">www.suse.com/products/suse-manager/</a>

## ASSET MANAGEMENT

- *Inventory your systems (hardware and software)*
- *Provision unattended bare-metal systems*

## PROVISIONING

- *Provision (via AutoYaST / Kickstart) your systems*
- *Provision on bare metal using AutoYaST, Kickstart and PXE booting*
- *Provision virtual guests as easily as physical instances*
- *Provision new servers with the identical characteristics of a server that is already running or with a predefined configuration*
- *Track server changes and return to a previous version or configuration if required*
- *Provision SUSE Studio™ images directly*
- *Provision and start/stop/configure virtual guests*
- *Support first-time installation with rapid setup of network installation environments (create Cobbler systems records)*

## SOFTWARE PACKAGE MANAGEMENT

- *Collect and distribute custom software packages into manageable groups*
- *Centrally push software by grouping servers, thereby easing the burden of manually managing each server individually*
- *Create customized repositories for the delivery of operating system packages or RPM Packet Manager-based (RPM-based) applications and content*
- *Migrate SUSE Linux Enterprise to new SUSE Service Packs directly from the SUSE Manager user interface*
- *Use the SUSE Manager application programming interface (API) to create custom scripts that allow you to easily automate many of the tasks you perform everyday.*
- *Provision RPM-based applications to automatically deploy complete and integrated software stacks*
- *Search operating system instances by packages, patches or system*

*specifications to reduce administrative overhead*

- *Remove unnecessary system packages and freeze the current configuration to avoid package installations by mistake*

## PATCH MANAGEMENT

- *Receive notifications when the latest software updates are available for Linux servers*
- *Connect to SUSE Customer Center to easily access updates, security patches and Service Packs*
- *Plan maintenance windows ahead of time by scheduling updates*
- *Apply role-based controls to ensure administrators have the appropriate level of authority to manage each system*
- *Track security patterns (see the Security section below)*

## CONFIGURATION MANAGEMENT

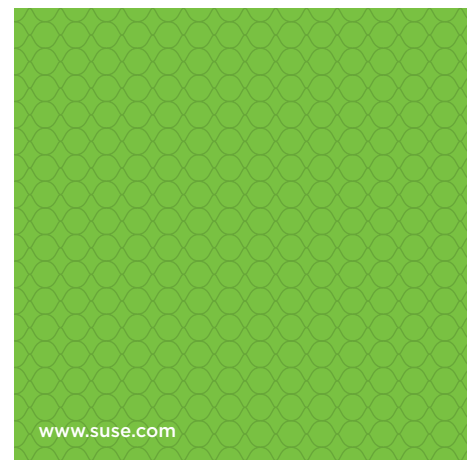
- *Centralize configuration file management for server groups*
- *Develop and maintain standardized configuration profiles for servers or groups of servers to simplify initial server provisioning*
- *Easily migrate custom scripts for Red Hat Network Satellite, create new AutoYaST and Kickstart scripts or use SUSE Manager to develop new scripts based on existing installations*

## REDEPLOYMENT

- *Re-deploy on the same hardware; no physical interaction is needed*

## Deployment

A SUSE Manager installation consists of at least one SUSE Manager Server and the SUSE Manager Lifecycle Management module for each managed server that has an active SUSE Linux Enterprise subscription. Additional module entitlements may be added for each managed server. SUSE Manager proxy servers can also be deployed on an as-needed basis. SUSE Manager server and proxy server are provided as software appliances, leveraging all virtual platforms supported with SUSE Linux Enterprise Server 11 SP3.



**Contact your local SUSE Solutions Provider, or call SUSE at:**

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