



SUSE® Manager

Manually updating, patching and configuring servers can be time-consuming and error-prone. SUSE® Manager solves these problems. It automates Linux server management for fast, accurate server maintenance and provisioning. It monitors the health and tracks configuration compliance of each Linux server from a single console so you can identify problems before they impact your business. And it lets you comprehensively manage your Linux servers across physical, virtual and cloud environments while improving efficiency.

Product Overview

SUSE Manager delivers best-in-class Linux server management. It empowers IT to reduce complexity and regain control of IT assets, ensure compliance with internal security policies and optimize operations to reduce costs.

Key Benefits

- **Reduce complexity and regain control of your IT assets.** *With SUSE Manager, one tool manages Linux systems across diverse Linux distributions, hardware architectures, hypervisors and cloud platforms, enabling you to easily onboard and manage any Linux server connected to the network, quickly view all Linux assets, spot issues and reduce complexity by grouping your Linux servers logically.*
- **Ensure compliance with internal security policies and external regulations.** *You can comprehensively monitor your Linux environment from the HW up through your application*

stack; ensure compliance to hardened profiles/templates based on internal security policies; and track and log all HW and SW changes for easy compliance, auditing and reporting.

- **Optimize operations and reduce costs.** *SUSE Manager automates Linux server provisioning, patching and configuration for faster, consistent and repeatable server deployments. Reduce IT costs by easily managing and optimizing SUSE subscriptions, increase efficiency with automated deployment of hardened OS templates to tens of thousands of servers without compromising speed or security and optimize IT operations with automated patch management.*

Key Features

SUSE Manager delivers lifecycle management and monitoring for Linux servers.

ASSET MANAGEMENT

- *Inventory hardware and software systems*

System Requirements

Minimum server requirements include:
CPU: Multi-core 64-bit CPU (x86_64)
RAM: 16 GB minimum for base installation, 32 GB minimum for production server
Free disk space: 100 GB minimum for base installation, plus a minimum of 130 GB for repository data
Supported processor platforms for SUSE Manager Server include:
x86_64 (64-bit)
IBM z Systems
For detailed product specifications and system requirements, visit: www.suse.com/products/suse-manager/

- Create reports for physical and virtual machines and cloud instances, assign subscriptions and identify over- or under-utilization

PROVISIONING

- Provision unattended bare-metal systems via AutoYaST/Kickstart/PXE booting; virtual guests as easily as physical instances; new servers identical to a running server or predefined configuration; and SUSE Studio™ images directly.
- Track server changes and return to a previous version or configuration if required
- 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, easing the burden of manually managing individual servers
- 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 service packs directly from the SUSE Manager user interface
- Use the SUSE Manager application programming interface (API) to create custom scripts for easily automating many tasks
- Provision RPM-based applications to automatically deploy complete, 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 Linux server updates are available

- 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 so administrators have authority to manage each system
- Significantly reduce the time to patch hundreds, even thousands, of servers via real-time configuration and monitoring

MONITORING

- SUSE Manager includes the Nagios-compatible Icinga monitoring server for enhanced monitoring capabilities—for the flexibility to use existing Icinga-based in-house monitoring solutions with SUSE Manager.

CONFIGURATION MANAGEMENT

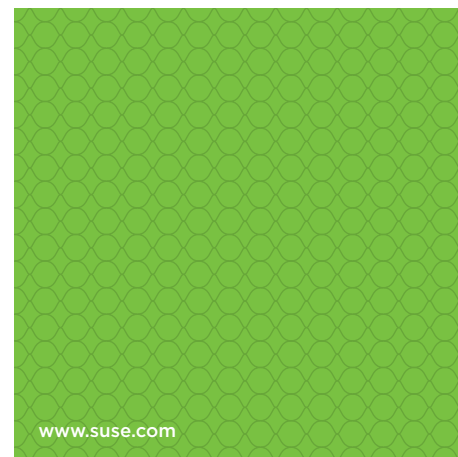
- Salt-based configuration management enables fast and secure deployment of tens of thousands of systems.
- Manage configurations over time to track and manage configuration drift
- Centralize configuration file management for server groups
- Develop and maintain standardized configuration profiles for 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 with an active SUSE subscription. You can add module entitlements for each managed server and deploy SUSE Manager proxy servers as needed. The server and proxy server are provided as software appliances, leveraging all virtual platforms supported with SUSE Linux Enterprise Server 12 SP1.



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

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