

RED HAT SATELLITE 5.8 DATASHEET

Red Hat Enterprise Linux system management

DATASHEET

RED HAT SATELLITE 5.8 HIGHLIGHTS

- Efficiently manage the Red Hat infrastructure life cycle
- Easily create and manage instances on bare metal and virtual machines
- Quickly and easily manage configuration across thousands of systems
- Use the Red Hat Content Delivery Network for faster sync speeds

PRODUCT OVERVIEW

Red Hat® Satellite is a system management solution that makes Red Hat infrastructure easier to deploy, scale, and manage across physical and virtual environments. This management tool helps users provision, configure, and update systems to keep them running efficiently, securely, and in compliance with various standards. By automating most system maintenance tasks, Red Hat Satellite helps organizations increase efficiency, reduce operational costs, and better respond to strategic business needs.

Red Hat Satellite automates many tasks related to system management and easily integrates into existing workflow frameworks. The centralized console gives administrators a single location for accessing reports and for provisioning, configuring, and updating systems.

RED HAT SATELLITE 5.8 NEW FEATURES AND BENEFITS

FEATURES	BENEFITS
First version of Red Hat Satellite 5 to access the Red Hat Customer Portal for subscription management vs. the older Red Hat Network	Ensures that Red Hat Satellite 5 customers can fully move away from Red Hat Network as it nears end of life
Register, activate, and update Red Hat Satellite Server from the Customer Portal, as well as synchronize content via our modern Content Delivery Network (CDN)	Increases speed with channel install and content syncing
New taskotop utility, which monitors taskomatic activities, including scheduling and running background tasks, and provides insightful information on the status of those jobs	Improves diagnostics of background tasks and jobs
Expands support to two additional databases: external Oracle database 12c and embedded/managed PostgreSQL 9.5 database—in addition to the currently supported Oracle database 10g / 11g	Enables flexibility in your deployment model and database of choice

RED HAT SATELLITE 5 ARCHITECTURES

With Red Hat Satellite, you can connect your Red Hat-managed systems on premise, rather than to a Red Hat hosted solution. Red Hat Satellite connects directly to Red Hat to download updates and synchronize content, but also has the flexibility to work in a completely disconnected environment. With Red Hat Satellite Server and Red Hat Satellite Capsule Server, managing your growing Red Hat Enterprise Linux® environment is easier than ever.



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RED HAT SATELLITE SERVER

Red Hat Satellite Server increases your ability to deploy machines, update content, and securely manage your environment. Its flexible and scalable architecture means that it can grow along with your organization. Use Red Hat Satellite Server to:

- Group your systems—manage thousands as easily as one.
- Deploy systems in minutes to bare metal or as virtual guests.
- Manage, provision, and monitor virtual instances from a central console.
- Securely partition and distribute your administrative workload using multiorganization support.

RED HAT SATELLITE PROXY SERVER*

With Red Hat Satellite Proxy Server, you can easily scale Satellite as your managed systems increase, connecting with Red Hat Satellite Server to enable localized systems management across multiple locations.

Individual systems connect through a local Red Hat Satellite Proxy Server to communicate with your Satellite server. Red Hat Satellite Proxy Server then aggregates all necessary data and performs selected tasks locally. Content is cached locally at the Proxy Server for faster downloads, easier distribution, and lower bandwidth requirements.

**By October 31, 2017, the Red Hat Satellite Proxy Server must be connected to a Red Hat Satellite Server instead of connecting directly to Red Hat Network (RHN). Connecting a Proxy Server directly to RHN is also referred to as the “RHN hosted” deployment model, which is a deprecated use case and will no longer function properly after October 31, 2017.*

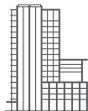
RED HAT ENTERPRISE LINUX SMART MANAGEMENT ADD-ON

- Red Hat Enterprise Linux Smart Management Add-On provides the management functionality of Red Hat Satellite Server for a host—including provisioning, configuration management, and life-cycle management.
- This add-on unlocks the power of Red Hat Satellite for all of your hosts and is required for each Red Hat Enterprise Linux subscription that you want to manage.

UPGRADING TO RED HAT SATELLITE 5.8

The upgrade process from older versions of Red Hat Satellite 5 to 5.8, including associated documentation, is as follows:

CURRENT VERSION	UPGRADING TO RED HAT SATELLITE 5.8
Red Hat Satellite 5.5 & below <i>(No longer supported)</i>	We strongly encourage upgrading directly to Red Hat Satellite 5.8 before Red Hat Network reaches its end of life. Follow the standard Red Hat Satellite 5.8 upgrade documentation .
Red Hat Satellite 5.6 or 5.7	Follow the standard Satellite 5.8 upgrade documentation . Additionally, if you upgrade after July 31, 2017, we recommend registering your systems to Red Hat Subscription Manager (RHSM) before Red Hat Network (RHN) reaches its end of life. Refer to the article “Preparing Satellite 5 systems for Red Hat Network’s End of Life” for instructions.



ABOUT RED HAT

Red Hat is the world’s leading provider of open source software solutions, using a community-powered approach to provide reliable and high-performing cloud, Linux, middleware, storage, and virtualization technologies. Red Hat also offers award-winning support, training, and consulting services. As a connective hub in a global network of enterprises, partners, and open source communities, Red Hat helps create relevant, innovative technologies that liberate resources for growth and prepare customers for the future of IT.



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