

Red Hat Network Satellite

Release Notes 5.1.0

5.1



ISBN:

Publication date:

Red Hat Network Satellite: Release Notes 5.1.0

Copyright © 2008 Red Hat, Inc.

Copyright © 2008 Red Hat, Inc. This material may only be distributed subject to the terms and conditions set forth in the Open Publication License, V1.0 or later with the restrictions noted below (the latest version of the OPL is presently available at <http://www.opencontent.org/openpub>).

Distribution of substantively modified versions of this document is prohibited without the explicit permission of the copyright holder.

Distribution of the work or derivative of the work in any standard (paper) book form for commercial purposes is prohibited unless prior permission is obtained from the copyright holder.

Red Hat and the Red Hat "Shadow Man" logo are registered trademarks of Red Hat, Inc. in the United States and other countries.

All other trademarks referenced herein are the property of their respective owners.

The GPG fingerprint of the security@redhat.com key is:

CA 20 86 86 2B D6 9D FC 65 F6 EC C4 21 91 80 CD DB 42 A6 0E

1801 Varsity Drive
Raleigh, NC 27606-2072
USA
Phone: +1 919 754 3700
Phone: 888 733 4281
Fax: +1 919 754 3701
PO Box 13588
Research Triangle Park, NC 27709
USA

1. Major Features	1
2. Major Corrections	3

Major Features

The following are the major features released as part of RHN Satellite Server 5.1.0.

- RHN Satellite Server 5.1.0 introduces the *Organizations* feature, which allows administrators to create and manage multiple organizations across the Satellite. The Organizations feature allows administrators to appropriate software and system entitlements across various organizations, as well as control an organization's access to systems management tasks.
- Extended Update Support (EUS) has been added to RHN Satellite Server 5.1.0. EUS channels are for administrators who want to stay with one major or update version of Red Hat Enterprise Linux (such as Red Hat Enterprise Linux 5.1) and customize their package updates for their particular version, rather than upgrade their systems to a new update version that installs new software and features on production systems.
- User interface improvements featured in RHN Satellite Server 5.1.0 include a new search feature for faster package and errata query and retrieval, as well as sorting and filtering functionality to display specified information.
- The RHN Satellite Server 5.1.0 Application Programming Interface (API) has been expanded and now features several new calls, including configuration management and activation key API calls.
- RHN Satellite Server 5.1.0 introduces new features for interacting with and filtering Systems, Groups, and User lists. Administrators can filter systems, groups, and users by keyword, and run actions on just the filtered results (such as pressing the Select All button to automatically mark the checkboxes).
- The following language preference enhancements and features are included in RHN Satellite Server 5.1.0:
 - When the Interface Language is set to Use Browser Settings, the RHN Satellite Server user interface will be displayed in the user's browser default language.
 - The language setting is displayed on the top left corner of every page of the RHN Satellite Server user interface. You can change the language at any time by clicking the **(change)** link next to the language setting.
 - When a user's browser is set to a language that is unsupported by the RHN Satellite Server user interface, English will be the default language displayed.

Major Corrections

The following are the major bug fixes and workarounds released as part of RHN Satellite Server 5.1.0.

- The RHN Satellite Server 5.1.0 installation has been changed so that it now requires the following:
 - The @Base installation of Red Hat Enterprise Linux on the system where the Satellite Server is being installed
 - Either the system must be registered with Red Hat Network Hosted service so that `up2date` can operate correctly or be able to install additional software manually.
- The `osad` service, by default, no longer fails over to the Satellite when the Proxy is unavailable. To enable Proxy failover to the Satellite, edit the following line in the `/etc/sysconfig/rhn/osad.conf` file:

```
enable_failover = 1
```

- You can now configure the restricted deletion flag (sticky bit) for directories from the **Configuration Channels** page.
- A bug that prevented usage of text based web browsers to login and use RHN Satellite Server has been fixed.
- When creating kickstart labels or editing existing labels, only alphanumeric characters (A-Z, a-z, 0-9) and underscores (`_`) are permitted.
- The path for virtual guest images has been changed to `/var/lib/xen/images/` to conform to SELinux policy.
- An issue was fixed where the State/Province field was not saved after editing and updating the System Properties page.
- A bug was fixed where clicking on a particular **Channel Entitlement** on the **Software Channel Entitlements** page (**Your RHN => Subscription Management => Software Channel Entitlements**) shows that there are 0 systems subscribed to the channel even if there are subscribed systems.
- You can now schedule errata updates from the **System => Software => Errata => Confirm Errata Update** page.
- A bug has been fixed where the link to a Failed erratum under the Status column of the Errata page led to the erratum information page rather than the System History page.
- RHN Satellite Server now supports bracket characters in user passwords, such as

parentheses ("()"), box brackets ("[]"), braces ("{}"), and angle brackets ("<>").

- User names with accented characters now display properly once they are saved.
- A bug was fixed that prevented dollar signs (\$) from being used in SSL certificate passwords.
- An issue was fixed where filtering by username on the **Users** page resulted in an **Internal Server Error** message when the administrator's **Interface Language** was set to a language other than English.
- A bug was fixed where the Details page for packages whose names contain a special character, such as a plus sign (+), would display a `no package error`.
- RHN Satellite Server features a new service called `satellite-httpd`. This service replaces the standard `httpd` service that was used to start Satellite. If a Satellite administrator attempts to start the `httpd` service on the Satellite system, the following warning will be displayed on the terminal:

```
Warning: satellite-httpd is installed on this system.
Are you sure you want to run httpd and not satellite-httpd?
```

- Red Hat Network Satellite 5.1.0 now supports the 'org/<random hash>' URL type in kickstart profiles as part of the new Organizations feature. For example:

```
https://sat.example.com/kickstart/ks/org/lx8ac1dbff1d17c09434225433ab8/view_label/rhel-i386-
```

- A filter text box has been added to the **System Groups** page to display groups matching a certain string.
- Users, Systems, and System Group filter strings can now be cleared to display the complete list.
- `server.satellite.tiny_url_timeout` is a new option in the `/etc/rhn/rhn.conf` file that allows a user to configure the amount of time (in hours) a kickstart file is valid before it times out. The default value is 4.
- The use of shell metacharacters (such as `?`, `\`, and `&`) in Data Source Name (DSN) passwords are now supported.
- An issue was fixed where the `nocpulse` user was not created if a user with the UID 502 already existed.
- Users have the option to remove RHN Proxy Server packages during Proxy deactivation. Once the packages are removed, you can then install any version of RHN Proxy without the need to provision the OS.

-
- When installing a new version of RHN Proxy Server, if an older version of Proxy is installed (or other conflicting packages), you will be given list of the conflicting packages and be informed that any conflicting packages will be removed prior to installation.
 - The HTTP proxy username and password listed in the `/etc/rhn/rhn.conf` file cannot be entirely numerical (for example, 12345). It can, however, be entirely alphabetical (such as "abcde") or alphanumeric (abc123).
 - If you change your database password after you install RHN Satellite Server, and it includes a backslash ("\"), you need to add an extra backslash to the password in your `/etc/rhn/rhn.conf` file.

For example, if your password is currently "abc\123", you must modify the `/etc/rhn/rhn.conf` file to read:

```
hibernate.connection.password=abc\\123
```

- A cascading stylesheet bug when displaying the **Configuration File Details** page in Internet Explorer 6 has been fixed.

