



Red Hat Update Infrastructure 2.1

Technical Notes

Errata for Red Hat Update Infrastructure

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Red Hat Update Infrastructure Documentation Team

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Abstract

Errata for Red Hat Update Infrastructure.

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CHAPTER 1. RHEA-2012:1205 - RED HAT UPDATE INFRASTRUCTURE 2.1 ENHANCEMENT UPDATE

Buglist for RHEA-2012:13535-01 - Red Hat Update Infrastructure 2.1 enhancement update

BZ#704630

The **pulp** command line's authentication process has changed and now requires credentials for all system calls. As a consequence, a ping check before a login attempt does not work due to the lack of credentials. This fix allows ping attempts without authentication. The **pulp** command line now successfully pings before a login attempt.

BZ#752969

Previously, there was no package download status on the repository synchronization status screen. This update adds package download status to the repository synchronization status screen.

BZ#788574

A **qpidd** AVC denial was present in the SELinux audit log. This update uses a new version of **qpidd** with updated SELinux policy, which fixes the denial.

BZ#789994

Users manually included the Red Hat Update Appliance (RHUA) hostname into the configuration files. This update automates this step and the procedure is no longer required. It has been removed from the *Package Installation* chapter of the *Red Hat Update Infrastructure Installation Guide*.

BZ#794855

Previously, Client Entitlement required an extra procedural step for CA Certificates setup. The new update has automated the procedure and the step has been removed from the *Client Entitlements* chapter of the *Red Hat Update Infrastructure Administration Guide*.

BZ#796139

Deleting 20 or more multiple repositories simultaneously caused a traceback error to occur. This update uses new version of **pulp** that fixes these traceback errors.

BZ#798281

When executing **service pulp-cds status**, syntax usage errors appeared. This update adds a status call to the **pulp-cds** init script. **service pulp-cds status** now outputs the correct status message.

BZ#801113

Deleting repositories from the Red Hat Update Appliance (RHUA) did not remove the repository content from associated Content Delivery Servers (CDSs). This update now correctly removes repository contents from CDSs when those repositories are deleted on the RHUA.

BZ#802547

Deleting repositories made **yum** unable to execute the client configuration RPM Packages in those directories. This update adds a note to the *Red Hat Update Infrastructure Administration Guide* regarding this issue.

BZ#803377

A restrictive base OID of Red Hat Enterprise Linux (RHEL) products caused unexpected OID error messages reported against Red Hat content. This update corrects the checking mechanism to match RHEL product prefixes.

BZ#803379

All configuration files required manual configuration of the fully qualified domain name (FQDN) of the Red Hat Update Appliance (RHUA). The updated version of the **rhui-installer** produces a config RPM Package that updates the appropriate configuration files with the RHUA hostname.

BZ#808351

Running **rhui-manager status** during a connection failure causes an uncaught exception. As a consequence, **rhui-manager status** reports a traceback error instead of a status message. This fix adds an exception that prints the following error message if communication is unavailable:

```
Network error while connecting to the RHUA, please check the server is
running and available
```

rhui-manager status now runs successfully without any traceback error.

BZ#808965

In the *Red Hat Update Infrastructure Installation Guide*, no description existed for adding a new CDS after RHUI deployment. This fix adds a note with a cross-link to the procedure for adding new CDS, which provides users with the necessary documentation.

BZ#808966

Procedure 2.3 of the Red Hat Update Infrastructure (RHUI) Installation Guide contained a step requiring manual modification of **/etc/pulp/cds.conf** when installing a CDS. This step is redundant; **/etc/pulp/cds.conf** does not require manual modification. This change removes the step from the documentation.

BZ#809810

Users could add repositories while products were out of sync. This caused an incorrect listing of repositories during new entitlement creation. This fix checks for add repository failure, reports an error and repopulates the list of available products. This displays a correct listing of repositories for new entitlement creation.

BZ#810448

The spec file for **pulp-0.0.263-18** contained a faulty line in the post-installation scriptlet. This caused **pulp** installation to report an access error for a missing file. This issue is fixed in **pulp-0.0.263-25**. The faulty line has been removed and no errors appear during installation.

BZ#810691

The *Red Hat Update Infrastructure Installation Guide* was missing a chapter for updating an expired entitlement-signing certificate. This update adds a new chapter to the guide. Users now update expired entitlement-signing certificate with *Chapter 6. Identity Certificates*.

BZ#811792

The **sha1** checksum is mandatory for Red Hat Enterprise Linux (RHEL) 5 guest repository access. RHEL 5 guests report an error during checksum if the user chooses **sha256** in Red Hat Update Appliance (RHUA). This update adds instructions to use **sha1** for RHEL 5 and 6 guest access and

sha256 for RHEL 6 only. This reduces the possibility of a user selecting **sha256** for RHEL 5 access.

BZ#813072

Red Hat Update Infrastructure (RHUI) uses an NSS database to secure QPID communication. NSS database generation was a user interactive process during **rh-rhui-tools** installation. This update automates the NSS database generation and configuration with the **nss-db-gen script** during the **rh-rhui-tools** installation.

BZ#813074

Red Hat Update Infrastructure (RHUI) installation scripts used deprecated commands for RPM Package installation on Red Hat Enterprise Linux (RHEL) 6. This update replaces the instances of deprecated commands with the recommend **yum install** command, which ensures successful installation on RHEL 6.

BZ#813172

A backup chapter was missing from the *Red Hat Update Infrastructure (RHUI) Administration Guide*. No information on RHUI backup existed. This update adds *Chapter 12. Backup and Restore* to the guide and now users have the information to backup and restore RHUI.

BZ#814163

A caching issue caused **rhui-manager** to not list previously deleted repositories. A patch for **rh-rhui-tools 2.0.68** repopulates the list of available products when adding a repository fails in **rhui-manager**. This fixes the list discrepancy problem.

BZ#815656

The *Red Hat Update Infrastructure (RHUI) Installation Guide* provided no checksum file links. Users could not download the associated checksums. This update to the guide provides a note with checksum file links. Users now download the checksum files using the links provided.

BZ#816473

SELinux enforced a denial for the **httpd** service on both Red Hat Update Appliance (RHUA) and Content Delivery Server (CDS) when upgrading RHUI. This update includes a note to stop the **pulp-server** service on RHUA and **pulp-cds** service on the CDS before upgrading. This avoids further denials on the **httpd** service.

BZ#819886

grinder required retry logic to avoid Akamai issues with retrieving repodata. This update adds a **@Retry** decorator to **yum** within **grinder**. This invokes retry loading whenever **yum** returns an exception error.

BZ#819985

Contents were not removed from the Content Delivery Servr (CDS) after a repository is unassociated. Unassociated RPM Packages still existed at **/var/lib/pulp-cds/packages/**. This update patches the **cdslib.py** script to remove unassociated RPM Packages.

BZ#821319

For Red Hat Update Infrastructure (RHUI), a debug script was requested for gathering debug data. This script is now included with Red Hat Update Appliance (RHUA) at **/usr/share/rh-rhua/rhui-debug.py**, which the user runs as follows:

■

```
# python /usr/share/rh-rhua/rhui-debug.py
```

This script collects debug data and returns pathways to the collected data.

BZ#822637

rhui-manager returned a traceback error when it received invalid repository data. This update applies patches **render.py** and **packages.py**. **rhui-manager** now returns a detailed error if it receives invalid repository data.

BZ#824940

rhui-installer only added proxy configuration to **pulp.conf** but not to **rhui-tools.conf**. This fixes patches **rhua.py** and **answers.py** to add the proxy configuration to both **pulp.conf** and **rhui-tools.conf** files.

BZ#825011

The RHUA configuration script added a trailing slash for the proxy URL parameter. This causes repository synchronization to fail. This fix removes the trailing slash and defines the correct proxy value to provide repository synchronization.

BZ#826142

The *Red Hat Update Infrastructure (RHUI) Administration Guide* lacked a table of **rhui-manager** status return codes. This update adds Table 10.1 to *Chapter 10. Monitoring*. Users refer to Table 10.1 for status code meanings.

BZ#829923

Content Delivery Server (CDS) Clusters contain new features such as listing and registering. This update adds new **rhui-manager** GUI screenshots to documentation.

BZ#829924

Content Delivery Server (CDS) Clusters contain a new feature that allows users to associate and unassociate repositories. This update adds new **rhui-manager** GUI screenshots to documentation.

BZ#829926

Client entitlement and RPM Package configuration contains new features. This update adds new **rhui-manager** GUI screenshots to documentation.

BZ#830624

Client entitlement RPM Packages filenames generated with **rhui-manager** contained **e16**. This gives the impression that the RPM Packages are only built for Red Hat Enterprise Linux (RHEL) 6 clients but the RPM Packages are built for both RHEL 5 and 6 clients. This fix removes the **e16** abbreviation from the client entitlement RPM Package filenames to prevent confusion.

BZ#831188

Users were prompted for the path to the server SSL certificate during client config RPM Package creation. The path is now added to **rhui-tools.conf**. Users are no longer prompted for this path during client config RPM Package creation.

BZ#831655

The roles of load balancers were changed in RHUI 2.0. Information about installing load balancer in the *Red Hat Update Infrastructure (RHUI) Installation Guide* was outdated. This update adds the following note to the guide:

Each CDS serves as a load balancer. There is no need to install the load balancer on the Red Hat Update Appliance or a separate instance.

BZ#838583, BZ#838658

rhui-manager used two separate repository lists to display and track the repositories selected during the creation of client entitlement certificate. This led to a conflict between items on both lists. This fix creates a repository list synchronises with repositories displayed to the user. This removes the conflict error.

BZ#839718, BZ#840016

The **install_RHUA.sh** and **install_CDS.sh** scripts did not check if a fully qualified domain name (FQDN) was set. This causes an error during installation if hostname was incorrectly set. This update modifies the scripts to check if hostname is set before continuing. If hostname is set to **localhost.localdomain** or **localhost**, the scripts stop and report an error.

BZ#839726

Installation of **rh-rhui-tools** requires both **install_RHUA.sh** and **install_tools.sh** scripts. These two scripts were run as two separate steps. This update modifies the **install_RHUA.sh** script to run the **install_tools.sh** script automatically to reduce installation steps.

BZ#840005, BZ#840977

Red Hat Update Infrastructure (RHUI) automatically associated all repositories with the first CDS cluster. This caused problems when associating repositories with other CDS clusters. This fix removes the automatic association of repositories to CDS clusters. All associations are performed manually in RHUI 2.1

BZ#840979

Matching names of packages in unprotected custom repositories and names of protected custom repositories caused requests for packages in the unprotected repository to use the protected repository's certificate. This resulted in access errors. This update changes the mechanism for matching repository URLs with protected repositories and provides correct access to packages.

BZ#842404

Red Hat Update Infrastructure 2.1 no longer uses **ruby-gofer-0.64-1.el6.noarch.rpm**. This update removes this package from the Red Hat Update Infrastructure 2.1 ISOs.

BZ#842785

A combination of valid and expired entitlements caused an unfiltered list of unprotected repositories during client configuration RPM creation. This caused client entitlement certificate generation to fail. This update filters the unprotected repositories associated with the chosen CDS cluster during client configuration RPM creation.

BZ#842827


Red Hat Update Infrastructure reported GPG errors when accessing content in a custom repository due to incorrect GPG signatures. This update adds the ability to sign content in a custom repository with Red Hat's public GPG key or a custom GPG key.

BZ#842859

Updates from Red Hat Update Infrastructure (RHUI) 2.0.3 required users to manually add the **ssl_ca_cert** in **/etc/rhui/rhui-tools.conf**. This update adds the **ssl_ca_cert** configuration option to **/etc/rhui/rhui-tools.conf** if it is not present already.

BZ#844718

Earlier versions of Red Hat Update Infrastructure (RHUI) user interface displayed the following message in the entitlement certificate generation screen:

 * indicates the repositories deployed on RHUI

This update removes this message as it is no longer applicable to RHUI 2.1.

BZ#846386

Creation of a client configuration RPM from custom protected and unprotected repositories caused **rhui-manager** to generate an error. This issue has been fixed in Red Hat Update Infrastructure (RHUI) 2.1.

CHAPTER 2. RHEA-2012:1218 - RED HAT UPDATE INFRASTRUCTURE 2.1 BUG FIX UPDATE

This update provides users with instructions on database migration to the latest version. Users are advised to run the following commands after installing packages for RHUI 2.1:

```
# pulp-migrate
database migration to version 41 complete
# service pulp-server restart
Stopping httpd: [ OK ]
Stopping Qpid AMQP daemon: [ OK ]
Stopping mongod: [ OK ]
Starting mongod: [ OK ]
Starting Qpid AMQP daemon: [ OK ]
Starting httpd: [ OK ]
```



NOTE

This process takes up to one hour to complete.

Buglist for RHEA-2012:1218 - Red Hat Update Infrastructure 2.1 bug fix update

BZ#851888

This update adds instructions for running the **pulp-migrate** command as part of the RHUI 2.1 upgrade process. Users can find these instructions in the README file on the RHUI 2.1 ISO.

BZ#852105

This update adds an important note on downloading the RHUI ISO for customers with an existing content certificate. Customers who already have a content certificate need to either regenerate their content certificate or use the following URL:

https://cdn.redhat.com/content/dist/rhel/rhui/server/6/6Server/x86_64/rhui/2.0/iso/RHEL-6-RHUI-2-LATEST-Server-x86_64-DVD.iso

These instructions now appear in the README file on the RHUI 2.1 ISO.

BZ#852110

The *Red Hat Update Infrastructure 2.1 Installation Guide* contained old checksum URLs in *Procedure 2.2. Installing the Red Hat Update Infrastructure packages on the Red Hat Update Appliance Server*. This update provides the correct checksum URLs to this procedure.

CHAPTER 3. RHBA-2013:0571 - RED HAT UPDATE INFRASTRUCTURE 2.1.1 BUG FIX UPDATE

CDS

BZ#[892394](#)

On systems with a non-default umask, goferd may create files that are inaccessible to other components of RHUI. This fix updates goferd and sets its umask to 022 so CDS content is accessible via pulp-cds.

RHUA

BZ#[862016](#)

Proxy settings weren't parsed in the rhui-tools configuration file and caused content synchronization to fail. This fix adds in [redhat] section to rhui-tools.conf so that the proxy setting are parsed without errors.

BZ#[871497](#)

There was a typo in rhui-manager. This fix corrects the typo in cds.py.

BZ#[833007](#)

When clients tried to access CDS servers where none were accessible, the system will try to connect to a `https://None/`. This bug updates rhui-lb.py so that an appropriate error message displays.

BZ#[845941](#)

Creating two or more repository paths with the same prefix returned an error. This bug fix corrects how Red Hat Update Appliance checks the repository paths and allows repository paths to share the same prefix.

BZ#[815975](#)

When upgrading RHUI from 2.0.1 to 2.0.3, custom repositories resulted in mismatch errors from the client certificate and the repository CA certificate, blocking access to the custom repositories. This is caused by the regex used in creating custom repositories only using subarchitectures in the last part of the directory path. This patch prevents entitlement path guessing if there are different architectures involved. Custom repositories are now accessible after upgrades.

BZ#[876423](#)

Incorrect parsing logic removed valid data from entitlement certificate's OID values and caused the import of entitlement certificates to fail with traceback errors. This patch prevents the removal of valid data. Certificates now import without issue.

BZ#848885

Modifications in answers file were not propagated to the configurations files: rhui-tools.conf and pulp.conf. This fix updates rhui_configurator.py, answers.py, and rhua.py. rhui-installer now propagates all answers file modifications.

BZ#856637

The nss-db-gen script generated certificates that are valid for only 12 months. This bug fix updates the script and changes the default validity from 12 months to 48 months.

BZ#847306

When trying to synchronize with an already deleted repository, rhui-manager returns an unhandled exception error. This bug fix updates pulp_api.py so "None" is returned when synchronizing with a non-existent repository.

Security**BZ#892488**

World-readable permissions were set for pulp.conf and the pulp log file (/var/log/pulp). This enabled any user to view the two files and caused potential security issues. This bug fix changes the permissions so that other users do not have read permission.

Tools**BZ#811796**

Previously, yum displayed the unique numeric identifier for custom repositories. Repositories were not immediately identifiable because of this convention. The fix appends the custom repository name instead of the unique numeric identifier to the yum repository configuration.

BZ#867803

The rhui-debug script collected contents from /var/log/httpd and caused content duplication. The fix updates rhui-debug.py and removes the collection of files under /var/log/httpd.

BZ#865822

When the wrong password is provided for the entitlement certificate CA, an unhandled exception error occurred in rhui-manager. This bug fix updates `identity_cert.py` and `launcher.py`. The error is handled and logged.

BZ#860494

The package description for `rh-rhui-tools` requires expansion. This bug fix updates `rh-rhui-tools.spec` and includes a detailed description.

BZ#879546

Uploading a broken certificate to rhui-manager returned an unhandled trace back error. This fix updates `cert.py` so rhui-manager displays a proper error message.

BZ#902557

The rhui-lb plugin failed to support proxy servers and caused synchronization between the RHUA and CDS to fail. This fix adds proxy support to `rhui-lb.py` and provides successful synchronization.

BZ#821319

A rhui-debug script was requested for gathering debug data. `rhui-debug.py` is now installed on Red Hat Update Appliance (RHUA) at `rhui-debug.py`. Run `'python /usr/share/rh-rhua/rhui-debug.py'` to collect debug data; pathways to the collected data will also be returned.

BZ#847080

User certificate expirations in a non-interactive mode resulted in traceback errors. This patch adds exception handling into the RHUI CLI script to force the exception. It informs the user that the certificate has expired and rhui-manager needs to be restarted.

BZ#908639

When adding a new CDS and select abort, an error message returned. This fix updates `cds.py` so when abort action is performed, the shell interaction will end and return to the previous screen.

BZ#910707

When upgrading RHUI to 2.1.1, `rh-rhui-tools-debug-script` was not installed on CDS. This fix updates `pulp-cds` to include the script.

CHAPTER 4. RHBA-2013:0767 - RED HAT UPDATE INFRASTRUCTURE 2.1.2 BUG FIX UPDATE

CDS

BZ#[916308](#)

During a synchronization, Red Hat Update Appliance returned different relative URLs than the ones in the CDS repository list and caused CDS to delete those repositories. This bug fix updates 'relative URL checking' in `src/pulp/cds/cdslib.py` so the correct relative URLs are returned.

RHUA

BZ#[916326](#)

Synchronization of two repositories with similar content signed with different GPG keys caused a conflict between two of the same packages with the same checksum prefix. This fix changes the behaviour to use the full checksum instead of the prefix when creating the the package URL, which provides successful synchronization.

BZ#[916378](#)

Previously, `rhui-manager` removed repositories from the repository list but did not delete the associated packages on Red Hat Update Appliance and CDS instances. This bug fix provides a cleanup script to remove all orphaned packages to reclaim disk space.

Tools

BZ#[952300](#)

The lack of `_default_grabopts` in older versions of `yum` rendered the RHUI client configuration RPMs incompatible with RHEL 5. This fix defines the default `grabopts` directly for an `AttributeError` exception. The client configuration RPMs are now compatible

Documentation

BZ#[921250](#)

When updating Red Hat Update Infrastructure to 2.1.2, a migration script needs to be run to avoid package conflicts. This bug fix updates the Administration Guide to include technical materials on the migration script.

BZ#924783

New technical material on the 'pulp-purge-packages' script was required. This update adds Chapter 13. Deleting Orphaned Packages in the Red Hat Update Infrastructure Administration Guide.

BZ#908405

In the Red Hat Update Infrastructure Administration Guide, a step for data-base migration was needed. This bug fix adds the 'pulp-migrate' command in Procedure 12.1.

BZ#908135

In the documentation, there were inconsistent use of command prompts ('\$' or '#'). This bug fix updates the Installation Guide and Administration Guide to use '#' (superuser) throughout the documentation.

Documentation-Installation_Guide**BZ#921848**

Entitlement screen shots and instructions were outdated in the Red Hat Update Infrastructure Installation Guide. This bug fix updates section 2.2 to include the latest screen shots and instructions.

CHAPTER 5. RHBA-2013:16585 - RED HAT UPDATE INFRASTRUCTURE 2.1.3 BUG FIX UPDATE

CDS

BZ#989506

This update adds the ability to limit the content that a Content Delivery Server can synchronize as it was not honoring the configuration option 'remove_old_versions.' This meant the customer was unable to remove older versions of packages from a Content Delivery Server. The Content Delivery Server synchronization has been updated to use similar options to those allowed by RHUA. These are 'num_old_packages' and 'remove_old_packages.' The Content Delivery Server is now able to limit the amount of content it synchronizes so that only the latest packages are retained.

BZ#996198

This update changes the behavior of a Content Delivery Server synchronization to allow a limit on the synchronization of older packages. The RHUA now sends two synchronization options to the Content Delivery Server when making a synchronization call. This allows the Content Delivery Server to match the behavior of the RHUA. Two configuration options have been added to the Content Delivery Server configuration to allow the Content Delivery Server to override options from the RHUA and further restrict how many older packages will be synchronized. This prevents errors on a RHUA when the RHUA is limiting older packages but the Content Delivery Server was unaware. The RHUA and Content Delivery Server are now more closely related in behavior. Additionally a Content Delivery Server now has the option to further reduce file storage requirements by only synchronizing the latest version of a package.

BZ#952912

This update fixes when the logic on a Content Delivery Server was not accounting for deleting an empty directory. This meant that empty directories from a repository deleted on a Content Delivery Server were not being cleaned up. Logic has been added to check for the top level repository directory and remove it if it is empty after a repository has been deleted. This means that deleting a repository is cleaner and the empty directories are removed.

BZ#1024975

This update fixes issues with cleaning up some pieces of data when deleting a repository on a Content Delivery Server. This caused the pulp-purge-packages script to not know these packages were deleted and meant that the orphaned packages were unable to be removed. The data when deleting a repository on a Content Delivery Server is now correctly removed.

BZ#1017310

This update adds a way to control the logging output for a CDS, which helps with debugging. Users can now observe the log file to see grinder's behaviour. New logging options also provide fine grained control, logging for specific modules, and alter so certain modules' output saves to a different file or is disabled.

RHUA**BZ#830679**

This update fixes the assumption that a certificate was invalid if the file name did not use the extension .pem. This resulted in valid certificates being marked as invalid. This has been changed so that an attempt is made with the certificate and it is only marked as invalid after it has failed. This means that a certificate with any extension can be used and the file name no longer needs to end in .pem.

BZ#845258

This update fixes the detection of the difference between a repository having not been synchronized before or it having an error from the previous synchronization. This meant that a newly added repository would display as 'Error' in the synchronization history until its first synchronization was completed. The logic has been updated to account for a special case were the repository is new and it has no previous synchronization history. This change means the synchronization status is more accurate.

BZ#971286

This update fixes a problem with Pulp not handling errata that spanned multiple repositories. This meant that the errata information was inaccurate. The code for RHUI has been modified to correct this problem. The errata information for errata spanning multiple repositories is now accurate.

BZ#1016838

This update fixes an issue with grinder not updating the symbolic links when a different version is downloaded. This problem would become evident when two repositories were synchronized that shared the same package. On the remote source the file changes with a different checksum and the two repositories would be re-synchronize. The first repository will download the new file and update the symbolic link then the second repo would see that the file has been downloaded and not update the broken symbolic link. This meant the yum repository would end up serving the wrong contents for the file. A fix has been placed in the grinder logic to ensure it always looks at the symbolic link and updates it when needed. This means that the yum repositories are now serving the correct file.

BZ#906371

This update fixes a Content Delivery Server not deleting associated certificates after a repository was deleted. This meant that the Content Delivery Server would have certificates for deleted repos under `/etc/pki/pulp/content`. The Content Delivery Server has been updated to delete the associated certificates upon repository deletion. This means that the Content Delivery Server will also remove the associated certificates.

BZ#1011082

This update fixes an issue where RHUI was sharing a directory with subscription-manager for certificates. When the subscription-manager deleted its own certificates it deleted everything in the directory causing the RHUI certificates to be deleted as well. The certificates are now placed in `/etc/pki/rhui` instead of `/etc/pki/entitlement/` so that subscription-manager will no longer delete the RHUI certificates.

BZ#1007662

This update extends the duration of the RHUI generated certificate `/etc/pki/rhua/user-ca-cert.crt` that was configured to expire after one year. This meant that a customer would need to regenerate the certificate one year after the date of installation. The life of the certificate has been extended to twenty years so that the customer will not need to regenerate the certificate every year.

BZ#957128

This update fixes a problem with not checking on the client side if the RPM files to be uploaded were valid. This meant that a bad rpm file could stop the entire upload when uploading multiple files. Now the client side is checked to ensure that the rpm file is valid. If it is not the invalid files will be skipped and the valid files will be uploaded. This means that the customer is able to upload a directory of rpm files and the valid files will be uploaded but bad files will be skipped.

BZ#1024804

This update fixes confusing entries in the synchronization history when a repository is deleted then re-added. The way the last synchronization is calculated now accounts for when a repository was deleted. The synchronization status now displays 'Never' when a repository has been re-added after deletion.

BZ#1030473

This update adds the ability for RHUA to read a Red Hat v3 entitlement certificate. Red Hat is moving to a 'v3' version of encoding entitlement data in a certificate because the 'v3' format allows more entitlement

data to be stored. Customers are now able to input a Red Hat v1 or v3 entitlement certificate into RHUA and the entitlements will be read correctly.

BZ#988540

This update fixes an issue with extra information being returned in a mongo query. This meant that for a setup with a large number of orphaned packages the query would throw an exception. The information returned has been reduced so that only the needed information is present and the query will be able to handle a much larger number of orphaned packages on a system.

BZ#1024812

This update fixes the synchronization status of a Content Delivery Server that has been deleted and re-added. When a Content Delivery Server was deleted and re-added the synchronization status displayed the details of the last synchronization prior to deletion. Logic has been added to determine if this is the first synchronization after the Content Delivery Server since deletion. The synchronization status now displays 'Never' if the Content Delivery Server has not been synchronized since it was re-added.

Tools**BZ#913097**

This update fixes a problem where the status of a repository that had been deleted and re-added would show the status from a prior synchronization. This status could be confusing as a customer would expect the status to show that the re-added repository had never been synchronized. The logic had been update to understand that the prior synchronization results should be associated with the re-added repository. This makes the repository's synchronization status easier to understand.

BZ#1024452

This update fixes the synchronization status for a repository that has an error during synchronization. Previously the status was displayed as 'Never' until the first time the repository was successfully synchronize. The status now displays the error that has occurred.

BZ#968816

This update adds a script to the RHUA to make generation of self signed certificates easier. The cert is located at /usr/share/rh-rhua/rhui_certs/create_rhui_ssl_certs.sh. This script automates the generation of self signed certificates to make the process easier and to help prevent errors. The script creates SSL certificates for RHUA and Content Delivery Servers, as well as, a valid answers file referencing

the generated certificates. This is used by a customer during initial setup of RHUI.

BZ#962408

This update adds a step for generating metadata that was not part of the upload API call. This meant that packages would be associated to a repository but the yum metadata was not updated to reflect the new packages. This caused a yum client to be unable to use these new packages. This was corrected by including the metadata generation in the upload API. The packages are now able to be used by a yum client after they are uploaded.

APPENDIX A. REVISION HISTORY

Revision 1-10 BZ#1205466 Updating brand.	Wed Mar 25 2015	Megan Lewis
Revision 1-9 Changing	Mon Dec 16 2013	Dan Macpherson
Revision 1-8 Update for 2.1.3	Mon Dec 16 2013	Dan Macpherson
Revision 1-7 Add in errata for 2.1.1 maintenance release	Wed Feb 20 2013	Julie Wu
Revision 1-4 Minor Bugzilla URL fix	Tue Aug 28 2012	Daniel Macpherson
Revision 1-3 Added new bug and minor revisions for RHBA-2012:13715-01	Tue Aug 28 2012	Daniel Macpherson
Revision 1-2 Added technical notes for RHBA-2012:13715-01	Tue Aug 28 2012	Daniel Macpherson
Revision 1-1 Initial creation of Technical Notes Book	Mon Aug 20 2012	Daniel Macpherson