



Stratusphere™ FIT/UX

Security Addendum

Introduction

This guide has been authored by experts at Liquidware to provide information and guidance configuring Stratusphere Hub and Database virtual appliances to meet security requirements.

Information in this document is subject to change without notice. No part of this publication may be reproduced in whole or in part, stored in a retrieval system, or transmitted in any form or any means electronic or mechanical, including photocopying and recording for any external use by any person or entity without the express prior written consent of Liquidware Labs.

Liquidware Labs, Inc.

3600 Mansell Road
Suite 200
Alpharetta, Georgia 30022
U.S.A.
Phone: 678-397-0450
www.liquidware.com

©2022 Liquidware Labs Inc. All rights reserved. Stratusphere, ProfileUnity, FlexApp, FlexDisk and ProfileDisk are trademarks of Liquidware Labs. All other products are trademarks of their respective owners. 22-0901.6.1.5

Contents

PURPOSE	4
SECURITY UPDATES.....	4
ASSUMPTIONS	4
SECURING STRATUSPHERE.....	4
HUB ADVANCED CONFIGURATION.....	4
<i>Configure NTP Server</i>	4
<i>Session Timeout and Password Lockout.....</i>	4
<i>Instructions for Installing SSL Certificate on Stratusphere Hub Appliance</i>	5
<i>Forward Syslog to External Host (Optional)</i>	6
<i>Enable Two Factor Authentication (Optional).....</i>	7
<i>Setup Static IPv6 Address (Optional).....</i>	7
DATABASE ADVANCED CONFIGURATION.....	9
<i>Instructions for Installing SSL Certificate on Stratusphere Database Appliance</i>	9
COLLECTOR ADVANCED CONFIGURATION.....	11
<i>Instructions for Installing SSL Certificate on Stratusphere Collector Appliance</i>	11
ENABLE ENHANCED SECURITY CONFIGURATION	13
ENABLE CAC AUTHENTICATION.....	15
CAC CERTIFICATE REVOCATION LIST CONFIGURATION	16
<i>Configuring a Hub to use an online service (recommended).....</i>	16
<i>Configuring a Hub to download a CRL locally</i>	17
ENABLING PRIVACY – ANONYMIZING USER AND MACHINE NAMES.....	18
SSL / TLS SETTINGS	20
INSTALL CONNECTOR ID KEYS (DESKTOP AGENTS)	21
CID KEY ENCRYPTION.....	21
WEBSERVER ACCOUNTS AND USAGE	22
<i>Accounts with Login Privileges</i>	22

<i>Accounts without Login Privileges (internal system accounts)</i>	22
STRATUSPHERE HUB APPLIANCE INSTALLED PACKAGES.....	23
STRATUSPHERE DATABASE APPLIANCE INSTALLED PACKAGES.....	40
STRATUSPHERE COLLECTOR APPLIANCE INSTALLED PACKAGES	50

Purpose

This document has been created to aid System Administrators in configuring settings as may be required by Security Technical Implementation Guides. The Stratusphere appliances have specific features included to meet STIG requirements. Liquidware has reviewed the STIG requirements for the CentOS 6 operating system, web services and database relative to the virtual appliances for Stratusphere FIT and UX. The systems have been patched, updated and configured to meet the STIG requirements. However, some of the STIG requirements must be implemented by the System Administrator.

Security Updates

Our appliances are updated with the latest security updates from CentOS 6 and other third-party vendors prior to each release. These updates are brought in just before our QA cycle for the release.

We constantly monitor security vulnerability announcements and respective patches that affect our appliances. Any critical patches will be included in point releases and made available to customers monthly. We consolidate them into point releases, so we can test and verify the updates don't adversely affect any functionality.

If a customer has an immediate need for a specific security fix, please contact our Support and we will investigate and advise the best course of action.

Assumptions

It is assumed that the CentOS 6 version of Stratusphere appliances have already been deployed by following the latest instructions provided in the *Stratusphere Installation & Configuration Guide*.

Securing Stratusphere

Do the following to complete installation of Stratusphere. The configuration steps marked OPTIONAL may be necessary to comply with your security policy. Use them accordingly.

Hub Advanced Configuration

Configure NTP Server

1. Connect to `https://<hub ip>`
2. Select **Administration** and enter the appropriate username and password.
3. Navigate to the HUB ADMINISTRATION > CONFIGURATION tab.
4. Enable the NTP checkbox and enter two valid NTP server addresses delimited with a comma.
5. Continue with next section or **Save Changes**.

Session Timeout and Password Lockout

1. Expand the '**Other Settings**' section.
2. Adjust login session timeout that conforms to your organization's security requirements.
3. Enable password lockout checkbox, to enable locking out the user if a wrong password is entered consecutively.
4. **API Client IPs:** Enter comma separated list of either specific IP Addresses and/or CIDR blocks of client networks from which you would want to allow Stratusphere API access. Access from any IP

Addresses specified in this field, allows users to access Stratusphere data through API in a read only fashion regardless of whether they were provisioned API access or provided user credentials. The user credentials are not authenticated and bypassed for API Access if the client API access comes from an IP Address specified within this field. Keep this field empty or lock it down to a very small list of addresses for highest security.

5. **Whitelist:** If users are required to be authenticated with credentials for API Access, then enter a whitelist (allowed) of comma-separated IP Addresses and/or CIDR blocks from where authenticated users can access Stratusphere API for read only data access. Stratusphere API authorized users first need to be provisioned for using API by navigating to the Inventory > Users tab, by selecting them individually and on the User Details page, enabling the API Access checkbox.
6. **Blacklist:** If API Access from certain IP Networks needs to be restricted, then enter a blacklist (quarantined) of comma-separated IP Addresses and/or CIDR blocks from where users would be disallowed from accessing Stratusphere API. Any user provisioned for access to Stratusphere API but tries to access it from a client IP Address that is part of the blacklist, would still be denied access due to their IP Address being in part of the blacklist.
7. Save changes.

Instructions for Installing SSL Certificate on Stratusphere Hub Appliance

Start with these initial few steps to prepare the certificate request:

1. On the Stratusphere Hub appliance local console, log in using User ID: 'friend' and Password: 'sspassword' first.
2. Switch to 'root' user using the following command and enter the password when prompted (default: 'sspassword'):

```
≥ su -
```

3. Change to the following folder using the command:

```
≥ cd /home/friend
```

4. Please enter the following commands:

```
≥ openssl genrsa 2048 > /etc/lwl/ssl/ssl.key.2048
```

```
≥ cp /etc/lwl/ssl/ssl.key /etc/lwl/ssl/ssl.key.original
```

5. Generate a certificate request on the Stratusphere Hub using the existing SSL Key.

```
≥ openssl req -key /etc/lwl/ssl/ssl.key.2048 -out  
hubcertrequest.csr -new -sha256
```

When prompted for common name, make sure you provide your Hub's fully qualified DNS name.

```
≥ common name: <hubdnsname.domain.com>
```

6. You will find the certificate request generated in the following location:
`/home/friend/hubcertrequest.csr`

7. Change ownership of the file so that it is accessible using the 'friend' user.

```
≥ chown friend:friend /home/friend/hubcertrequest.csr
```

8. Use WinSCP or FileZilla or similar software to download this certificate request '`/home/friend/hubcertrequest.csr`' file to your local desktop. In WinSCP or FileZilla, use User ID: 'friend' and Password: 'sspassword' as credentials within the program. Use the SCP protocol with WinSCP (Port 22).

- Provide this certificate request file to your security provider or Certifying Authority and request that they provide the SSL Certificate specifically in **base64 / PEM** format. For these instructions, we will call it 'hubsslcert.crt' – this is the actual SSL Certificate you will receive back from your security provider or Certifying Authority.

*Pause here until you receive your SSL certificate from your provider.
After receiving your SSL Certificate from your provider, complete the process with the remaining instructions:*

- Use WinSCP or FileZilla or similar software to upload this 'hubsslcert.crt' SSL Certificate file to your Stratusphere Hub in the '/home/friend/hubsslcert.crt' location. In WinSCP or FileZilla, use User ID: 'friend' and Password: 'sspassword' as credentials within the program. Use the SCP protocol with WinSCP (Port 22).
- On the Stratusphere Hub local console, while still logged in as the root user, make a copy the original SSL certificate as a backup:

```
≥ cp /etc/lwl/ssl/ssl.crt /etc/lwl/ssl/ssl.crt.orig
```

- Place the new key and certificate in place of the original and modify the file permissions as follows:

```
≥ cp /etc/lwl/ssl/ssl.key.2048 /etc/lwl/ssl/ssl.key  
≥ mv /home/friend/hubsslcert.crt /etc/lwl/ssl/ssl.crt  
≥ chown root:root /etc/lwl/ssl/ssl.crt  
≥ chmod 644 /etc/lwl/ssl/ssl.crt  
≥ chmod 640 /etc/lwl/ssl/ssl.key  
≥ restorecon -RF /etc/lwl/ssl
```

- Restart the Web Server to load the newly added SSL Certificate.
On versions up to 6.1.1, use the following command:

```
≥ /etc/init.d/httpd restart
```

On versions 6.1.3 and higher, use the following command:

```
≥ /etc/init.d/lwl-httpsd24 restart
```

- Using your browser of choice, log into the Stratusphere Hub Web UI. Ensure that the UI Login page shows with no certificate related warning. Also verify the information within the certificate provided by the browser address bar.

Forward Syslog to External Host (Optional)

- Edit /etc/rsyslog.conf to contain a line sending all audit records to a remote audit server.
- The server is specified by placing an "@" before the DNS name or IP address in the line.
. @<remote audit server>

Enable Two Factor Authentication (Optional)

1. Add a CA certificate in PEM format using the following commands:
 - a. Copy the CA certificate file in PEM format to the Hub appliance using the command line option or your preferred SCP Client, like WinSCP, to the `/home/<username>/` folder such as `/home/friend/` on VMware, Hyper-V and Nutanix for example:

```
scp <ca_crt.pem> friend@hubip:ca_cert.pem
```
 - b. Move the file from the `/home/friend/` folder to the appropriate folder with the following command:

```
mv /home/friend/ca_crt.pem /etc/lwl/httpd/cacerts
```
 - c. Rehash the certificate files in the `cacerts` folder with the following command:

```
c_rehash /etc/lwl/httpd/cacerts/
```
2. Turn on SSL client certificate check by editing the following files:
 - a. Edit the `/etc/lwl/httpd/conf.d/clientcerts.on` file to change the `SSLVerifyClient` setting from `none` to `require`.
 - i. Type the following: `vi /etc/lwl/httpd/conf.d/clientcert.on`
 - ii. Search for `SSLVerifyClient` within `vi` by entering `/SSLVerifyClient` and pressing **Enter**. The editor will take you to the appropriate line in the file.
 - iii. Switch to **Insert** mode by typing the letter `I`, then replace `none` with `require`.
 - iv. Press the **ESC** key, then type “`:wq!`” to write and quit the `vi` editor.
 - b. Edit the `/etc/lwl/httpd/conf.d/clientcerts.conf` file and follow the instructions in the file to uncomment the appropriate lines related to `dod-root-certs.pem` or self-contained CRLs or use of a network OCSP server, etc.

- i. Type the following: `vi /etc/lwl/httpd/conf.d/clientcerts.conf`
- ii. Go into **Insert** mode by typing the letter `I`, then delete the `#` character at the beginning of any line that needs to be uncommented.
- iii. Click the **ESC** key, then type “`:wq!`” to write and quit the vi editor.
- iv. The following is an example of what the file contains:

```
SSLVerifyDepth 10
SSLCACertificateFile /etc/lwl/httpd/cacerts/dod-root-certs.pem
#SSLCACertificateFile /etc/lwl/httpd/cacerts/dod-root-certs-jitc.pem
#SSLCACertificateFile /etc/lwl/httpd/cacerts/dod-root-certs-eca.pem
#
# uncomment and update below if a self-contained CRL is provided
#SSLCARevocationFile /etc/lwl/httpd/crls/crllist.crl
#
# uncomment and update below to use a network OCSP server
#SSLOCSPEnable on
#SSLOCSPDefaultResponder http://ocspserver:ocspport
#SSLOCSPOverrideResponder on
```

3. Restart the web server for the changes to take effect.

On versions up to 6.1.1, use the following command

```
/etc/init.d/httpd restart
```

On versions 6.1.3 to 6.1.5, use the following command:

```
/etc/init.d/lwl-httpd24 restart
```

On versions 6.5.0 and higher, use the following command:

```
systemctl restart httpd
```

Setup Static IPv6 Address (Optional)

Set up a static IPv6 address. The hub will be configured by default to use auto config for IPv6. This should work for most cases. If you need to use a static IPv6 address, use the Network Configuration option in the LWL console to change this to use a static IPv6 address.

Database Advanced Configuration

1. Before powering on the VM, size your database to meet your data retention needs. See our [Stratusphere Sizing Guide](#) for details.
2. Power on the Database appliance.
3. Set up network configuration
 - a. From the console complete the Network configuration wizard. DO NOT use DHCP.
 - b. Assign fixed IPv4 address.
 - c. Leave IPv6 Auto Config set to 'yes'.
4. Join the Database to Hub
 - a. Log into the command line console using ssconsole credentials.
 - b. Go to D) Database VM Utilities.
 - c. Select J) Join this database to a hub.
 - d. Copy database from the hub and reboot hub when prompted.
5. (Optional) Encrypt data partition
 - a. Take a snapshot of the Database.
 - b. Ensure your database is sized correctly. If necessary, power down and size your database to meet your data retention needs. See our sizing guidelines for details.
 - c. Power up the VM.
 - d. Log into the command line console using ssconsole credentials.
 - e. Enter D for D) Database VM Utilities.
 - f. Enter E for E) Setup Encrypted Database.
 - i. Remember the password used to encrypt. You will need this every time the VM is rebooted. Liquidware will not be able to recover your database appliance data if this password is misplaced.
6. Verification
 - a. Verify you can log in the web interface for the hub.
7. Navigate to the HUB ADMINISTRATION > DATA RETENTION tab and validate the database IP is correct.
8. Delete any snapshots that were created on the database during set up.

Instructions for Installing SSL Certificate on Stratusphere Database Appliance

Start with these initial few steps to prepare the certificate request:

1. On the Stratusphere Database appliance local console, log in using User ID: 'friend' and Password: 'sspassword' first.
2. Switch to 'root' user using the following command and enter the password when prompted (default: 'sspassword'):
≥ su -
3. Change to the following folder using the command:
≥ cd /home/friend
4. Please enter the following commands:
≥ openssl genrsa 2048 > /var/lib/pgsql/current/data/server.key.2048
≥ cp /var/lib/pgsql/current/data/server.key /var/lib/pgsql/current/data/server.key.original
5. Generate a certificate request on the Stratusphere Hub using the existing SSL Key.

```
≥ openssl req -key /var/lib/pgsql/current/data/server.key.2048 -  
out dbcertrequest.csr -new -sha256
```

When prompted for common name, make sure you provide your Database's fully qualified DNS name.

```
≥ common name: <dbdnsname.domain.com>
```

6. You will find the certificate request generated in the following location:
`/home/friend/dbcertrequest.csr`
7. Change ownership of the file so that it accessible using the 'friend' user.

```
≥ chown friend:friend /home/friend/dbcertrequest.csr
```
8. Use WinSCP or FileZilla or similar software to download this certificate request '`/home/friend/dbcertrequest.csr`' file to your local desktop. In WinSCP or FileZilla, use User ID: 'friend' and Password: 'sspassword' as credentials within the program. Use the SCP protocol with WinSCP (Port 22).
9. Provide this certificate request file to your security provider or Certifying Authority and request that they provide the SSL Certificate specifically in **base64 / PEM** format. For these instructions, we will call the actual certificate file received from your Certifying Authority `server.crt`.

*Pause here until you receive your SSL certificate from your provider.
After receiving your SSL Certificate from your provider, complete the
process with the remaining instructions:*

10. Use WinSCP or FileZilla or similar software to upload this '`server.crt`' SSL Certificate file to your Stratusphere Database in the '`/home/friend/server.crt`' location. In WinSCP or FileZilla, use User ID: 'friend' and Password: 'sspassword' as credentials within the program. Use the SCP protocol with WinSCP (Port 22).
11. On the Stratusphere Database local console, while still logged in as the root user, make a copy the original SSL certificate as a backup:

```
≥ cp /var/lib/pgsql/current/data/server.crt  
/var/lib/pgsql/current/data/server.crt.orig
```

12. Place the new key and certificate in place of the original and modify the file permissions as follows:

```
≥ cp /var/lib/pgsql/current/data/server.key.2048  
/var/lib/pgsql/current/data/server.key  
≥ mv /home/friend/server.crt  
/var/lib/pgsql/current/data/server.crt  
≥ chown postgres:postgres /var/lib/pgsql/current/data/server.crt  
≥ chmod 400 /var/lib/pgsql/current/data/server.crt  
≥ chmod 400 /var/lib/pgsql/current/data/server.key
```

13. Restart the database server to load the newly added SQL Certificate:

```
≥ /etc/init.d/postgresql<PRESS-TAB-KEY> restart
```

Collector Advanced Configuration

1. Power on the Collector appliance.
2. Set up network configuration
 - a. From the console complete the Network configuration wizard. DO NOT use DHCP.
 - b. Assign fixed IPv4 address.
 - c. Leave IPv6 Auto Config set to 'yes'.
3. Log into the web interface for the Hub.
4. Navigate to the COLLECTOR ADMINISTRATION > COLLECTORS tab, and validate whether the Collector appliance is displayed in the list of Collectors.

Instructions for Installing SSL Certificate on Stratusphere Collector Appliance

Start with these initial few steps to prepare the certificate request:

1. On the Stratusphere Collector appliance local console, log in using User ID: 'friend' and Password: 'sspassword' first.
2. Switch to 'root' user using the following command and enter the password when prompted (default: 'sspassword'):

```
≥ su -
```

3. Change to the following folder using the command:

```
≥ cd /home/friend
```

4. Please enter the following commands:

```
≥ openssl genrsa 2048 > /etc/lwl/ssl/ssl.key.2048
```

```
≥ cp /etc/lwl/ssl/ssl.key /etc/lwl/ssl/ssl.key.original
```

5. Generate a certificate request on the Stratusphere Collector using the existing SSL Key.

```
≥ openssl req -key /etc/lwl/ssl/ssl.key.2048 -out  
colcertrequest.csr -new -sha256
```

When prompted for common name, make sure you provide your Collector's fully qualified DNS name.

```
≥ common name: <coldnsname.domain.com>
```

6. You will find the certificate request generated in the following location:

```
/home/friend/colcertrequest.csr
```

7. Change ownership of the file so that it accessible using the 'friend' user.

```
≥ chown friend:friend /home/friend/colcertrequest.csr
```

8. Use WinSCP or FileZilla or similar software to download this certificate request '/home/friend/colcertrequest.csr' file to your local desktop. In WinSCP or FileZilla, use User ID: 'friend' and Password: 'sspassword' as credentials within the program. Use the SCP protocol with WinSCP (Port 22).
9. Provide this certificate request file to your security provider or Certifying Authority and request that they provide the SSL Certificate specifically in **base64 / PEM** format. For these instructions, we will call it 'colsslcert.crt' – this is the actual SSL Certificate you will receive back from your security provider or Certifying Authority.

***Pause here until you receive your SSL certificate from your provider.
After receiving your SSL Certificate from your provider, complete the
process with the remaining instructions:***

10. Use WinSCP or FileZilla or similar software to upload this 'colsslcert.crt' SSL Certificate file to your Stratusphere Hub in the '/home/friend/colsslcert.crt' location. In WinSCP or FileZilla, use User ID: 'friend' and Password: 'sspassword' as credentials within the program. Use the SCP protocol with WinSCP (Port 22).

11. On the Stratusphere Collector local console, while still logged in as the root user, make a copy the original SSL certificate as a backup:

```
≥ cp /etc/lwl/ssl/ssl.crt /etc/lwl/ssl/ssl.crt.orig
```

12. Place the new key and certificate in place of the original and modify the file permissions as follows:

```
≥ cp /etc/lwl/ssl/ssl.key.2048 /etc/lwl/ssl/ssl.key
≥ mv /home/friend/colsslcert.crt /etc/lwl/ssl/ssl.crt
≥ chown root:root /etc/lwl/ssl/ssl.crt
≥ chmod 644 /etc/lwl/ssl/ssl.crt
≥ chmod 640 /etc/lwl/ssl/ssl.key
≥ restorecon -RF /etc/lwl/ssl
```

13. Restart the Collector to load the newly added SSL Certificate.

On versions up to 6.1.1, use the following command:

```
≥ /etc/init.d/httpd restart
```

On versions 6.1.3 and higher, use the following command:

```
≥ /etc/init.d/lwl-httpd24 restart
```

Enable Enhanced Security Configuration

Once the Stratusphere Hub and Database appliances are joined together and are communicating with each other, we can enable the Enhanced Security configuration option for each appliance. This option implements all the STIGs on the appliance.

Immediately after enabling Enhanced Security, all existing passwords for the friend, root, and ssconsole users are immediately set to expired status, and the user needs to be prepared to update these user passwords with new, complex password as per STIG guidelines.

In addition, the following items automatically go into effect when Enhance Security is enabled on the Stratusphere Appliances:

- Password complexity & expiration rules are enabled.
- Turns on issue notification in the user interface before logging.
- Turns off IPV6.
- Displays “For Official Use Only” messaging in the footer of the user interface.
- Turns on Security-Enhanced Linux (SELinux) Auditing which saves logfiles to /var/log/audit.
- Restricts access to port 5432. For the Hub appliance, only the localhost may login. For the Database appliance, only the Hub may login.

All Collector appliances should be added to the installation **AFTER** Enhanced Security is enabled on the Hub and Database.

1. On the Stratusphere Hub appliance:
 - a. Open a command line console to the appliance.
 - b. Log into the console using credentials provided for the ssconsole user (default password is sspassword).
 - c. In the main menu, select option E) Enable enhanced security option and hit enter.

```
=====
Liquidware Stratusphere Hub Appliance Menu
=====

N) Network Configuration
U) Update Software Menu
D) Database Utilities
M) Migrate certs, settings & data from remote appliance
R) Reboot Server
S) Shutdown Server
W) Restart Web Services
T) Change ROOT password
F) Change FRIEND password
C) Change SS_CONSOLE password

E) Enable enhanced security

Q) Quit

Your Choice? E
```

- d. The appliance will now enable many STIGs and is now in enhanced security configuration.
 - e. The appliance should reboot automatically after it finishes applying all the STIGs.
2. On the Stratusphere Database appliance:
 - a. Open a command line console to the appliance.

- b. Log into the console using credentials provided for the ssconsole user (default password is sspassword).
- c. In the main menu, select option E) Enable enhanced security option and hit enter.

```
=====
Liquidware Stratusphere Database Appliance Menu
=====

N) Network Configuration
U) Update Software Menu
D) Database Appliance Utilities (Wizard/Join/More)
M) Migrate certs, settings & data from remote appliance

P) Restart PostgreSQL Server
S) Stop PostgreSQL Server
T) Change ROOT password
F) Change FRIEND password
C) Change SSSCONSOLE password
R) Reboot Server
O) Shutdown Server
E) Enable enhanced security

Q) Quit

Your Choice? E
```

- d. The appliance will now enable many STIGs and is now in enhanced security configuration.
- e. The appliance should reboot automatically after it finishes applying all the STIGs.
3. On the Stratusphere Collector appliance:
 - a. Open a command line console to the appliance.
 - b. Log into the console using credentials provided for the ssconsole user (default password is sspassword).
 - c. In the main menu, select option E) Enable enhanced security option and hit enter.

```
=====
Liquidware Stratusphere Collector Appliance Menu
=====

N) Network Configuration
U) Update Software Menu
R) Reboot Server
S) Shutdown Server
W) Restart Web Services
T) Change ROOT password
F) Change FRIEND password
C) Change SSSCONSOLE password

E) Enable enhanced security

Q) Quit

Your Choice? E
```

- d. The appliance will now enable many STIGs and is now in enhanced security configuration.

- e. The appliance should reboot automatically after it finishes applying all the STIGs.

Enable CAC Authentication

Once **ENHANCED SECURITY** is enabled on the Stratusphere Hub and Database appliances, we can download, install, and enable the CAC Authentication module for the Hub appliance. This module enables and then requires a CAC Authentication certificate to be presented to access Stratusphere's Web UI.

1. Prior to enabling CAC Authentication, please ensure that the Stratusphere Hub is configured to sync with your test or production Active Directory which would have users with their security information available. Also, please make sure the role of the user is an Administrator if they need to access the Administration section of the Stratusphere Web UI.
2. **Please make sure you have enabled Enhanced Security on the Hub appliance prior to proceeding.**
3. Log out of all Stratusphere Web UI sessions.
4. **Liquidware recommends taking a snapshot of the Hub appliance for safety.**
5. On a computer that has access to the Internet, click on the following link to download the CAC Authentication module:
<http://download.liquidwarelabs.com/6.1.3/lwl-stig-base-dod-cac-1.0.0-72556.noarch.rpm>
6. Use WinSCP or FileZilla or similar software to upload this module 'lwl-stig-base-dod-cac-1.0.0-72556.noarch.rpm' file to your Stratusphere Hub. In WinSCP or FileZilla, use User ID: 'friend' and enter your enhanced security STIG compliant password within the program. Use the SCP protocol with WinSCP (Port 22). By default, the 'friend' user allows uploads to the /home/friend folder.
7. On the Stratusphere Hub appliance:
 - a. Open a command line console to the appliance.
 - b. Use User ID: 'friend' and enter your enhanced security STIG compliant password to log in.
 - c. Use the command 'su -' and enter your enhanced security STIG compliant password to switch to root.
 - d. Execute the following commands to install the CAC Authentication module:
≥ rpm -Uvh /home/friend/lwl-stig-base-dod-cac-1.0.0-68771.noarch.rpm
≥ reboot
8. Once Stratusphere Hub appliance reboots, please wait for about **10-15 minutes** for all the services on the Stratusphere Hub to start especially, the Web UI.
9. You will now need a valid CAC to authenticate with the Web UI through a browser.
10. Bring up the browser of your choice and navigate to the Stratusphere Web UI address. The browser will ask you to choose a client certificate – it will either list an ID or an EMAIL certificate. Depending on the type of client certificate selected, here is what is expected:
 - a. If the user selects the ID type certificate, access to the Stratusphere Web UI Login page will be granted. There may not be enough information available on the ID certificate to auto-login the user.
 - b. If the user selects an EMAIL type certificate, and that certificate is associated with a userPrincipalName attribute within a synced Active Directory, and that user has been granted a User or Administrative role within Stratusphere, they will be transparently logged into the Stratusphere Web UI.
11. A user should not be able to access the Stratusphere Web UI Login page without a supported client certificate. The browser should display a Bad SSL Client Authentication Certificate error.

CAC Certificate Revocation List Configuration

Once **ENHANCED SECURITY** is enabled, and **CAC AUTHENTICATION** is enabled on the Stratusphere Hub, the user can update and customize how and where the Hub verifies whether the certificate is on the Certificate Revocation List (CRL). The Hub supports two mechanisms of checking validity of a certificate against a CRL:

- a. Online Service: In this **recommended** mechanism, the Hub is configured to use a remote service to check the certificate against a hosted CRL.
- b. Downloaded CRL: In this legacy mechanism, the Hub is configured to download a Certificate Revocation List (CRL) at a configurable frequency and check each certificate whether it is revoked.

Configuring a Hub to use an online service (recommended)

The Hub can be configured to use the OCSP service to lookup the validity of a certificate. Here are instructions on how to configure the service:

1. On the Stratusphere Hub appliance:
 - a. Open a command line console to the appliance.
 - b. Use User ID: 'friend' and enter your enhanced security STIG compliant password to log in.
 - c. Use the command 'su -' and enter your enhanced security STIG compliant password to switch to root.
2. Use the vi command to edit the /etc/lwl/httpd/conf.d/clientcerts.conf file.
≥ vi /etc/lwl/httpd/conf.d/clientcerts.conf
3. Here is what the file looks like. The end user will just need to uncomment the relevant lines by deleting the '#' before each line to enable network OCSP service.

```
SSLVerifyDepth 10
SSLCACertificateFile /etc/lwl/httpd/cacerts/dod-root-certs.pem
#SSLCACertificateFile /etc/lwl/httpd/cacerts/dod-root-certs-jitc.pem
#SSLCACertificateFile /etc/lwl/httpd/cacerts/dod-root-certs-eca.pem
#
# uncomment and update below if a self-contained CRL is provided
#SSLCARevocationFile /etc/lwl/httpd/crls/crllist.crl
#
# uncomment and update below to use a network OCSP server
#SSLOCSPEnable on
#SSLOCSPDefaultResponder http://ocspserver:ocspport
#SSLOCSPOverrideResponder on
```

4. Use the '/' key to type and search for **SSLOCSP** string.
5. When found, use the **DELETE** key to remove only the '#' at the beginning of the first line, as well on the next two lines to enable OCSP and configure it.
6. Go into insert or append mode by entering either '**i**' or '**a**' key.
7. Update the **SSLOCSPDefaultResponder** URL to your preferred or custom URL as needed.
8. Use the **ESCAPE** key and enter '**:wq!**' to write and quit.
9. Restart the Apache Web Server for the new settings to take effect.

On versions up to 6.1.1, use the following command:

```
≥ /etc/init.d/httpd restart
```

On versions 6.1.3 and higher, use the following command:

```
≥ /etc/init.d/lwl-httpd24 restart
```

10. Enter **CTRL+D** twice to log out of the console.
11. When a security card is presented, the Web Browser UI will forward the certificate to the Stratusphere Hub for authentication and verification, the Hub will forward the information to this URL for checking revocation status and control granting or revoking access to the Stratusphere Web UI.

Configuring a Hub to download a CRL locally

The Hub is not configured by default to connect to a publicly available, DoD designated, URL to download the updated CRL. Liquidware has noticed that this publicly available URL may not always be reliable and thus provides instructions on replacing this URL with an internal URL that may be more reliable. If a URL is configured, then the Hub can download the updated CRL, every day after 1:00am UTC on a scheduled basis.

NOTE: The Hub expects the target of the URL to be a ZIP file containing one or more CRL files.

Here are instructions on how to update the URL to download the CRL:

1. On the Stratusphere Hub appliance:
 - a. Open a command line console to the appliance.
 - b. Use User ID: 'friend' and enter your enhanced security STIG compliant password to log in.
 - c. Use the command 'su -' and enter your enhanced security STIG compliant password to switch to root.
2. Use the **vi** command to edit the **/etc/tntdb.conf** file.

```
≥ vi /etc/tntdb.conf
```
3. Use the '/' key to type and search for **CRL_UPDATE_URLS**.
4. When found, go into insert or append mode by entering either 'i' or 'a' key.
5. Update the URL to your preferred, custom URL as needed.
6. Use the **ESCAPE** key and enter '**:wq!**' to write and quit.
7. Enter **CTRL+D** twice to log out of the console.
8. When the scheduled event triggers, the Hub will read this updated URL and download the CRL from this new location.

Here are instructions on how to update the schedule or frequency of downloading the CRL:

1. The schedule is stored in **/etc/crontab** on the Stratusphere Hub.
2. Only make changes to this cron job if you are aware of how cron works.
3. On the Stratusphere Hub appliance:
 - a. Open a command line console to the appliance.
 - b. Use User ID: 'friend' and enter your enhanced security STIG compliant password to log in.
 - c. Use the command 'su -' and enter your enhanced security STIG compliant password to switch to root.
4. Use the **vi** command to edit the **/etc/crontab** file.

```
≥ vi /etc/crontab
```
5. Use the '/' key to type and search for **update_crls.sh**.
6. When found, go into insert or append mode by entering either 'i' or 'a' key.
7. Update the schedule as you prefer. The default setting of **0 1 * * *** denotes, once every day after 1:00am UTC time. The script randomizes the exact time of download to be anytime within 1 hour of being launched.
8. Use the **ESCAPE** key and enter '**:wq!**' to write and quit.
9. Enter **CTRL+D** twice to log out of the console.
10. The Hub will then start triggering the download of the CRL based on this new frequency.

Enabling Privacy – Anonymizing User and Machine Names

Liquidware understands and respects privacy related issues and concerns of its users across the world. Whether it may be due to government regulations or some organizations ensuring privacy of its users, there are legitimate requirements for enabling the option to anonymize end user names and machine names within Stratusphere.

Liquidware offers the ability to totally anonymize end user names and machine names within Stratusphere. It must be noted that once this privacy mode is enabled, **each newly registered user name and machine within the Stratusphere Database will be anonymized in a single one-way hash. The conversion is permanent and cannot be undone. User names and machines that existed prior to turning on privacy mode will still be stored in plain text.** Privacy mode can be disabled. However, the user and machine names already anonymized stay anonymized permanently. Any user name and machine name registration received after disabling privacy mode will be stored in plain text and will not be hashed.

Any user and machine that registered prior to enabling privacy mode will remain visible in plain text. Enabling privacy mode only works for users and machines that register from that point forward and does NOT work to hash user and machine names registered before enabling privacy mode.

Using the privacy mode may make Stratusphere reporting harder to read and follow since instead of user names and machines names, the end user will only see randomized pieces of text representing users and machines.

Once Privacy mode is enabled the user and machine names already anonymized stay anonymized permanently even if Privacy mode is disabled at a later date.

Here are the instructions to enable Privacy mode:

1. Using an SSH client like PuTTY, log into the Stratusphere Hub console using credentials for the **friend** user. Then use credentials for the **root** user to switch to the root using the ‘su -’ command. Unless changed, the default password for both users is ‘sspassword’.
2. Execute the following command to invoke a limited shell prompt:
 ≥ /opt/tnt/bin/mgrconfig
3. On the new shell prompt, execute the following commands to anonymize user and/or machine names within the Stratusphere Database:
 ≥ set system user privacy on
 ≥ set system machine privacy on
4. To save and quit enter the following commands:
 ≥ write
 ≥ quit
5. Enter **CTRL+D** twice to log out of root and friend SSH sessions and quit the SSH PuTTY client.

Please provide some time for Stratusphere to begin its anonymizing process. Once completed, please log into the Administration section of the Stratusphere Web UI and navigate to **Inventory > Machines** and **Inventory > Users** tabs to verify if the names have been anonymized.

Here are the instructions to disable Privacy mode:

1. Using an SSH client like PuTTY, log into the Stratusphere Hub console using credentials for the **friend** user. Then use credentials for the **root** user to switch to the root using the 'su -' command. Unless changed, the default password for both users is 'sspassword'.
2. Execute the following command to invoke a limited shell prompt:
 ≥ /opt/tnt/bin/mgrconfig
3. On the new shell prompt, execute the following commands to anonymize user and/or machine names within the Stratusphere Database:
 ≥ set system user privacy off
 ≥ set system machine privacy off
4. To save and quit enter the following commands:
 ≥ write
 ≥ quit
5. Enter **CTRL+D** twice to log out of root and friend SSH sessions and quit the SSH PuTTY client.

All users and machines registering for the first time since disabling privacy mode will now show up as plain text and will not be hashed. Users and machines that were previously anonymized under Privacy mode will remain anonymized.

SSL / TLS Settings

The Stratosphere appliances are configured with older versions of SSL and TLS to allow for maximum compatibility with certain older Microsoft Windows based machines still stuck on legacy browsers such as Internet Explorer. On older Microsoft Windows based machines, the CID Key also uses the existing Microsoft Internet Explorer downloading framework thus forcing Stratosphere to ship with older versions of SSL and TLS for maximum compatibility. If legacy versions of browsers are still in use, these settings need to stay in place. However, if none of the legacy browsers are in use and have all been phased out, these configuration settings can and should be hardened for a more secure posture. The configuration settings must be manually updated on the Hub and each Collector(s) appliance installed.

Here are instructions on how to edit the configuration file on the Hub and each Collector(s) to change these settings:

1. On the Stratosphere Hub and each Collector(s) appliance:
 - a. Open a command line console to the appliance.
 - b. Use User ID: 'friend' and enter your enhanced security STIG compliant password to log in.
 - c. Use the command 'su -' and enter your enhanced security STIG compliant password to switch to root.
2. Use the vi command to edit the /etc/lwl/httpd/httpd.conf file.
≥ vi /etc/lwl/httpd/httpd.conf
3. Use the '/' key to type and search for "**SSLProtocol**" – this is case sensitive.
4. When found, go into insert or append mode by entering either 'i' or 'a' key.
5. Update the default line
 - a. From "**SSLProtocol All -SSLv2 -SSLv3**"
 - b. To "**SSLProtocol TLSv1.2**"
 - c. This would enable only TLS v1.2 on the Stratosphere appliance.
6. Use the **ESCAPE** key and enter '**:wq!**' to write and quit.
7. Restart the Web Server to load the newly updated settings.

On versions up to 6.1.1, use the following command:

```
≥ /etc/init.d/httpd restart
```

On versions 6.1.3 and higher, use the following command:

```
≥ /etc/init.d/lwl-httpd24 restart
```

8. Enter **CTRL+D** twice to log out of the console.

Install Connector ID Keys (desktop agents)

1. Download CID installer from the hub's web interface and install it on desktops / base image for VDI.
2. Check the ADMINISTRATION > INVENTORY MACHINES and make sure CID registers the desktops with the HUB.

CID Key Encryption

The CID Key uses straight SSL (TCP/443 with TLS 1.2) for communication with the Stratusphere Hub based on URI located within `mgrcert.pem` file. All communications are signed using public private keys generated by the CID Key and Hub. The CID Key generates a 2048-bit RSA public private key pair and provides the public key to the Stratusphere Hub during registration. The Hub validates the CID Key on the newly registered machine based on host name, and proceeds with the registration process by providing an X.509 based `cert.txt` file that contains settings for the CID Key within custom option fields. The CID Key receives the `cert.txt` file from the Hub and uses the Hub's public key within the `mgrcert.pem` to verify it came from the Hub, and if so, goes ahead and begins using the new configuration settings within the `cert.txt`. From this point forward, the CID Key uses its private key to sign the payload it transmits to the Stratusphere Hub. The Hub uses the public key of the CID Key on that machine to validate it came from that CID Key on that machine before proceeding. All of this communication is within an encrypted SSL connection on TCP/443 using TLS 1.2.

Webserver Accounts and Usage

Accounts with Login Privileges

account	uid	gid	required	role
friend	500	501	yes	ssh access
postgres	26	26	yes	database admin
root	0	0	yes	root account
ssconsole	501	502	yes	appliance configuration

Accounts without Login Privileges (internal system accounts)

These are setup to be no login accounts and required for services.

account	Required	Notes
adm	yes	
apache	yes	
audit	yes	
bin	yes	
clam	yes	
cntlm	yes	
daemon	yes	
dbus	yes	
distcache	yes	
haldaemon	yes	
identity	yes	
impadmin	yes	
lp	yes	
mail	yes	
mnobody	yes	
munin	yes	
nobody	yes	
nscd	yes	
ntp	yes	
operator	yes	
postfix	yes	
postgres	yes	
rrdcached	yes	
saslauth	yes	
sshd	yes	
sync	no	(no password set)
tomcat	yes	
unbound	yes	
uucp	yes	

vcsa	yes	
vsservice	yes	

Stratusphere Hub Appliance Installed Packages

```

1    lwl-module-hardware-profile-converter-vmware-0.4-1.noarch
2    tnt-windows-pdb-6.1.5-3.noarch
3    lwl-module-unique-number-generator-impl-jdbc-0.17-1.noarch
4    libnetfilter_conntrack-0.0.100-2.el6.x86_64
5    libfontenc-1.1.2-3.el6.x86_64
6    tnt-ubuntu10-drivers-6.1.5-3.noarch
7    cjkuni-ukai-fonts-0.2.20080216.1-36.el6.noarch
8    lwl-module-stratusphere-api-inventory-user-group-0.17-1.noarch
9    lwl-module-stratusphere-api-cert-0.9-1.noarch
10   alsalib-1.1.0-4.el6.x86_64
11   zlib-1.2.3-29.el6.x86_64
12   libuser-0.56.13-8.el6_7.x86_64
13   lwl-diag-common-1.0.0-72223.noarch
14   lwl-console-2.0.0-76092.noarch
15   expat-2.0.1-13.el6_8.x86_64
16   lwl-mentok-6.1.5-76090.x86_64
17   chkconfig-1.3.49.5-1.el6.x86_64
18   libgpg-error-1.7-4.el6.x86_64
19   ethtool-3.5-6.el6.x86_64
20   yum-metadata-parser-1.1.2-16.el6.x86_64
21   lwl-module-guava-28.2-2.noarch
22   which-2.19-6.el6.x86_64
23   ustr-1.0.4-9.1.el6.x86_64
24   postgresql96-server-9.6.18-1PGDG.rhel6.x86_64
25   libnl-1.1.4-2.el6.x86_64
26   gpg-pubkey-e8562897-459f07a4
27   munin-apache-2.0.54-1.el6.noarch
28   at-3.1.10-49.el6.x86_64
29   vmware-tools-plugins-grabbitmqProxy-10.3.22-1.el6.x86_64
30   libXpm-3.5.10-2.el6.x86_64
31   tnt-db-2.9.2-73232.noarch
32   perl-List-MoreUtils-0.22-10.el6.x86_64
33   vmware-tools-vsock-common-10.3.22-10.el6.x86_64
34   libdrm-2.4.65-2.el6.x86_64
35   tzdata-2020a-1.el6.noarch
36   dmidecode-2.12-7.el6.x86_64
37   db4-4.7.25-22.el6.x86_64
38   grubby-7.0.15-7.el6.x86_64

```

```
39  lwl-ssl-cert-1.0.0-75148.noarch
40  net-snmp-utils-5.5-60.el6_10.1.x86_64
41  patch-2.6-8.el6_9.x86_64
42  perl-Convert-UU-0.5201-1.el6.rf.noarch
43  kpartx-0.4.9-106.el6_10.1.x86_64
44  jasper-libs-1.900.1-22.el6.x86_64
45  perl-IPC-ShareLite-0.17-1.el6.rf.x86_64
46  centos-release-6-10.el6.centos.12.3.x86_64
47  gnutls-2.12.23-22.el6.x86_64
48  lwl-hub-1.0.0-68108.noarch
49  hal-0.5.14-14.el6.x86_64
50  libcom_err-1.41.12-24.el6.x86_64
51  system-config-network-tui-1.6.0.el6.3-4.el6.noarch
52  upstart-0.6.5-17.el6.x86_64
53  perl-XML-RegExp-0.03-7.el6.noarch
54  device-mapper-multipath-0.4.9-106.el6_10.1.x86_64
55  dracut-004-411.el6.noarch
56  perl-Log-Dispatch-FileRotate-1.19-4.el6.noarch
57  lwl-module-user-model-0.14-1.noarch
58  pinentry-0.7.6-8.el6.x86_64
59  lwl-module-license-decoder-0.6-1.noarch
60  yum-plugin-fastestmirror-1.1.30-42.el6_10.noarch
61  libevent2-2.0.21-2.el6.x86_64
62  wqy-zenhei-fonts-0.9.45-3.el6.noarch
63  iputils-20071127-24.el6.x86_64
64  lwl-module-password-util-0.14-1.noarch
65  un-core-batang-fonts-1.0.2-0.15.080608.el6.noarch
66  openscap-utils-1.2.13-2.el6.x86_64
67  clamav-0.100.3-1.el6.x86_64
68  lwl-module-user-group-dao-impl-jdbc-0.10-1.noarch
69  ipa-mincho-fonts-003.02-3.1.el6.noarch
70  lwl-module-database-datasourceprovider-postgresql-0.13-1.noarch
71  fontconfig-2.8.0-5.el6.x86_64
72  lwl-munin-1.0.0-72053.noarch
73  lsof-4.82-5.el6.x86_64
74  lwl-collector-common-1.0.0-68397.noarch
75  lwl-module-node-group-dao-0.7-1.noarch
76  grub-0.97-99.el6.x86_64
77  lwl-module-urldetails-model-0.4-1.noarch
78  un-core-fonts-common-1.0.2-0.15.080608.el6.noarch
79  lwl-htpd-config-1.0.2-76007.noarch
80  vlgothic-fonts-common-20091202-2.el6.noarch
81  libSM-1.2.1-2.el6.x86_64
```

82 lwl-hub-common-1.0.0-72146.noarch
83 tnt-centos6-drivers-6.1.5-3.noarch
84 tnt-db-imanager-3.3.4-74733.noarch
85 lwl-module-stratusphere-api-inventory-user-0.15-1.noarch
86 keyutils-libs-1.4-5.el6.x86_64
87 vs-helper-6.1.5-3.x86_64
88 lwl-module-stratusphere-api-heartbeat-0.1-1.noarch
89 tnt-identity-imanager-backend-2.3.3-76084.noarch
90 lwl-common-identity-osgi-modules-1.0.1-1.noarch
91 gpgme-1.1.8-3.el6.x86_64
92 pcre-7.8-7.el6.x86_64
93 lwl-common-osgi-modules-1.0.5-4.noarch
94 findutils-4.4.2-9.el6.x86_64
95 nss-softokn-freebl-3.44.0-6.el6_10.x86_64
96 libidn-1.18-2.el6.x86_64
97 lwl-apr17-1.7.0-73858.x86_64
98 vmware-tools-libraries-nox-10.3.22-1.el6.x86_64
99 lwl-module-oval-0.13-1.noarch
100 xz-lzma-compat-4.999.9-0.5.beta.20091007git.el6.x86_64
101 lwl-module-java-mail-1.6.2-2.noarch
102 vmware-tools-plugins-deployPkg-10.3.22-1.el6.x86_64
103 gdbm-1.8.0-39.el6.x86_64
104 lwl-module-json-provider-0.10-1.noarch
105 perl-URI-1.40-2.el6.noarch
106 fakeroot-libs-1.12.2-22.2.el6.x86_64
107 postgresql96-plperl-9.6.18-1PGDG.rhel6.x86_64
108 perl-Crypt-DES-2.05-9.el6.x86_64
109 policycoreutils-2.0.83-30.1.el6_8.x86_64
110 sysvinit-tools-2.87-6.ds1.el6.x86_64
111 audit-libs-2.4.5-6.el6.x86_64
112 lwl-birt-runtime-4.7.0-70205.noarch
113 gamin-0.1.10-9.el6.x86_64
114 lwl-db-setup-1.0.0-74110.noarch
115 perl-version-0.77-144.el6.x86_64
116 gpg-pubkey-fe837f6f-4e0fd77e
117 libXinerama-1.1.3-2.1.el6.x86_64
118 perl-Compress-Raw-Zlib-2.021-144.el6.x86_64
119 perl-File-Copy-Recursive-0.38-4.el6.noarch
120 perl-libwww-perl-5.833-5.el6.noarch
121 procps-3.2.8-45.el6_9.3.x86_64
122 perl-String-CRC32-1.4-9.el6.x86_64
123 lwl-module-database-partition-postgresql-0.17-1.noarch
124 pcsc-lite-libs-1.5.2-16.el6.x86_64

125 cryptsetup-luks-libs-1.2.0-11.el6.x86_64
126 lwl-module-atomikos-5.0.6-1.noarch
127 perl-IO-Multiplex-1.13-1.el6.rf.noarch
128 util-linux-ng-2.17.2-12.28.el6_9.2.x86_64
129 wget-1.12-10.el6.x86_64
130 crda-3.13_2015.10.22-3.el6.x86_64
131 iptables-1.4.7-19.el6.x86_64
132 perl-Mail-Sender-0.8.16-3.el6.noarch
133 dhclient-4.1.1-63.P1.el6.centos.x86_64
134 lwl-servicemix-base-6.1.4-8.noarch
135 crontabs-1.10-33.el6.noarch
136 perl>Email-Date-Format-1.002-5.el6.noarch
137 audit-2.4.5-6.el6.x86_64
138 lwl-module-vms-model-0.33-1.noarch
139 dracut-kernel-004-411.el6.noarch
140 lwl-module-host-model-0.13-1.noarch
141 tar-1.23-15.el6_8.x86_64
142 clamav-db-0.100.3-1.el6.x86_64
143 tnt-netaudit-1.8.0-56535.x86_64
144 tnt-identity-imanager-backend-deps-2.3.3-75807.noarch
145 lwl-module-tnt-common-java-1.4-1.noarch
146 net-tools-1.60-114.el6.x86_64
147 libpcap-1.4.0-4.20130826git2dbcaa1.el6.x86_64
148 lwl-module-vms-dao-0.36-1.noarch
149 un-core-pilgi-fonts-1.0.2-0.15.080608.el6.noarch
150 glibc-2.12-1.212.el6_10.3.x86_64
151 rpm-python-4.8.0-59.el6.x86_64
152 kernel-firmware-2.6.32-754.30.2.el6.noarch
153 liberation-serif-fonts-1.05.1.20090721-5.el6.noarch
154 libX11-1.6.4-3.el6.x86_64
155 libnghhttp2-1.6.0-1.el6.1.x86_64
156 cups-libs-1.4.2-81.el6_10.x86_64
157 lwl-apache-jakarta-tomcat-9.0.36-75857.noarch
158 lwl-module-station-dao-impl-jdbc-0.14-1.noarch
159 dejavu-lgc-sans-mono-fonts-2.33-1.el6.noarch
160 tnt-policy-common-2.7.1-71683.noarch
161 lwl-module-stratusphere-inspection-login-session-summarize-0.7-1.noarch
162 lwl-module-license-decoder-xml-0.8-1.noarch
163 java-1.8.0-openjdk-1.8.0.252.b09-2.el6_10.x86_64
164 lwl-module-vms-metric-processor-raw-jdbc-0.31-1.noarch
165 efibootmgr-0.5.4-15.el6.x86_64
166 device-mapper-1.02.117-12.el6_9.1.x86_64
167 module-init-tools-3.9-26.el6.x86_64

```
168 libpciaccess-0.13.4-1.el6.x86_64
169 libXi-1.7.8-1.el6.x86_64
170 cjkuni-fonts-common-0.2.20080216.1-36.el6.noarch
171 device-mapper-event-1.02.117-12.el6_9.1.x86_64
172 lwl-module-common-rest-api-0.62-1.noarch
173 tnt-centos5-drivers-6.1.5-3.noarch
174 jpackage-utils-1.7.5-3.16.el6.noarch
175 libacl-2.2.49-7.el6_9.1.x86_64
176 libssh2-1.4.2-3.el6_10.1.x86_64
177 ncurses-base-5.7-4.20090207.el6.x86_64
178 lwl-module-stratusphere-api-software-cid-0.28-1.noarch
179 ttmkdir-3.0.9-32.1.el6.x86_64
180 libattr-2.4.44-7.el6.x86_64
181 lwl-collector-backend-1.0.0-76084.noarch
182 tnt-postgresql-1.0.1-66090.noarch
183 libsepol-2.0.41-4.el6.x86_64
184 apr-util-ldap-1.3.9-3.el6_0.1.x86_64
185 lua-5.1.4-4.1.el6.x86_64
186 python-pycurl-7.19.0-9.el6.x86_64
187 net-snmp-libs-5.5-60.el6_10.1.x86_64
188 python-iniparse-0.3.1-2.1.el6.noarch
189 lwl-service-inventoryd-0.2.0-2.x86_64
190 cyrus-sasl-lib-2.1.23-15.el6_6.2.x86_64
191 postgresql96-libs-9.6.18-1PGDG.rhel6.x86_64
192 libcap-ng-0.6.4-3.el6_0.1.x86_64
193 hal-libs-0.5.14-14.el6.x86_64
194 munin-node-2.0.54-1.el6.noarch
195 gpg-pubkey-9def3191-461fe38c
196 vmware-tools-plugins-hgfsServer-10.3.22-1.el6.x86_64
197 python-libs-2.6.6-68.el6_10.x86_64
198 xml-common-0.6.3-33.el6.noarch
199 setup-2.8.14-23.el6.noarch
200 perl-Digest-SHA1-2.12-2.el6.x86_64
201 libthai-0.1.12-3.el6.x86_64
202 perl-XML-LibXML-1.70-5.el6.x86_64
203 p11-kit-0.18.5-2.el6_5.2.x86_64
204 libXdamage-1.1.3-4.el6.x86_64
205 perl-libs-5.10.1-144.el6.x86_64
206 dbus-glib-0.86-6.el6.x86_64
207 lwl-module-vms-connector-0.42-1.noarch
208 gpg-pubkey-00f97f56-467e318a
209 atk-1.30.0-1.el6.x86_64
210 nss-tools-3.44.0-7.el6_10.x86_64
```

211 perl-Net-DNS-0.65-5.el6.x86_64
212 kmod-vmware-tools-vmxnet-2.1.0.0-2.6.32.71.el6.x86_64.10.el6.x86_64
213 rrdtool-perl-1.3.8-10.el6.x86_64
214 pg_jobmon96-1.3.3-1.rhel6.noarch
215 pam-1.1.1-24.el6.x86_64
216 perl-Date-Manip-6.24-1.el6.noarch
217 cryptsetup-luks-1.2.0-11.el6.x86_64
218 perl-HTML-Tagset-3.20-4.el6.noarch
219 pgdg-redhat-repo-42.0-6.noarch
220 yum-utils-1.1.30-42.el6_10.noarch
221 wireless-tools-29-6.el6.x86_64
222 iproute-2.6.32-57.el6.x86_64
223 lwl-module-hibernate-5.2.10-Final.1.noarch
224 perl-Net-IPv6Addr-0.2-6.el6.noarch
225 perl-MIME-Lite-3.027-2.el6.noarch
226 tnt-base-4.0.1-62018.noarch
227 lwl-module-password-model-0.2-1.noarch
228 aide-0.14-11.el6.x86_64
229 selinux-policy-3.7.19-312.el6.noarch
230 psmisc-22.6-24.el6.x86_64
231 squashfs-tools-4.0-5.el6.x86_64
232 lwl-module-node-dao-0.35-1.noarch
233 lwl-module-postgresql-jdbc-42.5-1.noarch
234 un-core-dotum-fonts-1.0.2-0.15.080608.el6.noarch
235 lwl-module-user-group-dao-0.16-1.noarch
236 openssh-clients-5.3p1-124.el6_10.x86_64
237 ipa-pmincho-fonts-003.02-3.1.el6.noarch
238 kexec-tools-2.0.0-310.el6.x86_64
239 tnt-ipset-6.11-75852.x86_64
240 less-436-13.el6.x86_64
241 lwl-module-ldap-dao-impl-spring-0.4-1.noarch
242 lwl-module-logrecord-dao-0.1-1.noarch
243 device-mapper-persistent-data-0.6.2-0.2.rc7.el6.x86_64
244 pciutils-3.1.10-4.el6.x86_64
245 tnt-decode-1.0.0-68385.x86_64
246 lwl-module-datastore-model-0.5-1.noarch
247 perl-Net-Server-2.007-2.el6.noarch
248 lwl-module-urldetails-dao-impl-jdbc-0.8-1.noarch
249 tnt-identity-igateway-backend-1.5.1-74641.noarch
250 lwl-module-hardware-profile-converter-nutanix-0.3-1.noarch
251 tnt-tools-1.5.5-73504.x86_64
252 device-mapper-libs-1.02.117-12.el6_9.1.x86_64
253 prelink-0.4.6-3.1.el6_4.x86_64

254 libXext-1.3.3-1.el6.x86_64
255 lwl-module-node-dao-impl-jdbc-0.65-1.noarch
256 tnt-rhel4-drivers-6.1.5-3.noarch
257 mailcap-2.1.31-2.el6.noarch
258 libXfont-1.5.1-2.el6.x86_64
259 lwl-module-propholder-0.32-1.noarch
260 tnt-stratodesk-drivers-6.1.5-3.noarch
261 basesystem-10.0-4.el6.noarch
262 libXtst-1.2.3-1.el6.x86_64
263 lwl-module-stratusphere-api-inventory-globalopts-0.4-1.noarch
264 lwl-module-stratusphere-api-inventory-node-0.6-1.noarch
265 redhat-rpm-config-9.0.3-51.el6.centos.noarch
266 tnt-identity-common-backend-priv-2.0.2-76022.noarch
267 vs-probe-6.1.5-3_centos6_2.6.32_754.6.3.el6.x86_64
268 lvm2-2.02.143-12.el6_9.1.x86_64
269 lwl-module-apache-common-collections-4.4-2.noarch
270 perl-Net-IP-1.25-13.el6.noarch
271 info-4.13a-8.el6.x86_64
272 lwl-module-database-dbinfo-provider-properties-0.10-1.noarch
273 tnt-identity-common-help-4.8.0-59049.noarch
274 libxml2-2.7.6-21.el6_8.1.x86_64
275 lwl-module-database-copy-postgresql-0.15-1.noarch
276 gpg-pubkey-6b8d79e6-3f49313d
277 gnupg2-2.0.14-9.el6_10.x86_64
278 lwl-collector-backend-deps-1.0.0-76084.noarch
279 gawk-3.1.7-10.el6_7.3.x86_64
280 lwl-stratusphere-hub-osgi-modules-1.0.25-1.noarch
281 tnt-release-6.1.5-1_202007131544.noarch
282 readline-6.0-4.el6.x86_64
283 perl-DBD-Pg-2.15.1-4.el6_3.x86_64
284 lwl-birt-reports-1.0.1-76081.noarch
285 sed-4.2.1-10.el6.x86_64
286 cntlm-0.35.1-4.el6.x86_64
287 fipscheck-lib-1.2.0-7.el6.x86_64
288 libgcrypt-1.4.5-12.el6_8.x86_64
289 perl-Net-SSLeay-1.35-10.el6_8.1.x86_64
290 lwl-module-jasypt-1.9.3-2.noarch
291 tnt-iptables-2.8.1-57924.x86_64
292 elfutils-libelf-0.164-2.el6.x86_64
293 tnt-common-java-deps-3.0.7.7-2.noarch
294 nss-sysinit-3.44.0-7.el6_10.x86_64
295 apr-util-1.3.9-3.el6_0.1.x86_64
296 python-urlgrabber-3.9.1-11.el6.noarch

297 libpng-1.2.49-2.el6_7.x86_64
298 lwl-birt-extras-1.0.0-66191.noarch
299 libxml2-python-2.7.6-21.el6_8.1.x86_64
300 lwl-snmp-1.2.3-52390.noarch
301 file-5.04-30.el6.x86_64
302 lwl-module-apache-commons-lang3-3.10-2.noarch
303 dbus-python-0.83.0-6.1.el6.x86_64
304 diffutils-2.8.1-28.el6.x86_64
305 authconfig-6.1.12-23.el6.x86_64
306 runit-2.1.1-69112.x86_64
307 postgresql96-9.6.18-1PGDG.rhel6.x86_64
308 fuse-2.8.3-5.el6.x86_64
309 pciutils-libs-3.1.10-4.el6.x86_64
310 gpg-pubkey-442df0f8-4783f24a
311 apr-1.3.9-5.el6_9.1.x86_64
312 vmware-tools-services-10.3.22-1.el6.x86_64
313 ConsoleKit-libs-0.4.1-6.el6.x86_64
314 lwl-module-datastore-dao-0.14-1.noarch
315 vmware-tools-repo-RHEL6-10.0.9-1.el6.x86_64
316 python-psycopg2-2.7.5-1.rhel6.1.x86_64
317 libselinux-utils-2.0.94-7.el6.x86_64
318 munin-common-2.0.54-1.el6.noarch
319 libutempter-1.1.5-4.1.el6.x86_64
320 vmware-tools-plugins-timeSync-10.3.22-1.el6.x86_64
321 gpg-pubkey-c432455b-4f35848d
322 libmnl-1.0.2-3.el6.x86_64
323 vmware-tools-plugins-vix-10.3.22-1.el6.x86_64
324 numactl-2.0.9-2.el6.x86_64
325 python-2.6.6-68.el6_10.x86_64
326 pg_partman96-4.4.0-1.rhel6.x86_64
327 screen-4.0.3-19.el6.x86_64
328 perl-Params-Validate-0.92-3.el6.x86_64
329 pixman-0.32.8-1.el6.x86_64
330 vmware-tools-esx-nox-10.3.22-1.el6.x86_64
331 perl-Mail-Sendmail-0.79-12.el6.noarch
332 libXfixes-5.0.3-1.el6.x86_64
333 libreswan-3.15-9.el6_10.x86_64
334 pango-1.28.1-11.el6.x86_64
335 perl-Net-CIDR-0.20-1.el6.noarch
336 postgresql11-libs-11.8-1PGDG.rhel6.x86_64
337 libX11-common-1.6.4-3.el6.noarch
338 perl-XML-NamespaceSupport-1.10-3.el6.noarch
339 libtiff-3.9.4-21.el6_8.x86_64

340 vmware-tools-esx-kmods-10.3.22-1.el6.x86_64
341 bash-4.1.2-48.el6.x86_64
342 tzdata-java-2020a-1.el6.noarch
343 libasn1-2.3-6.el6_5.x86_64
344 krb5-libs-1.10.3-65.el6.x86_64
345 hdparm-9.43-4.el6.x86_64
346 perl-Pod-Simple-3.13-144.el6.x86_64
347 shared-mime-info-0.70-6.el6.x86_64
348 gpg-pubkey-c105b9de-4e0fd3a3
349 xdelta-1.1.4-8.el6.x86_64
350 gpg-pubkey-0608b895-4bd22942
351 libXcomposite-0.4.3-4.el6.x86_64
352 lwl-module-database-datasourceprovider-atomikos-0.12-1.noarch
353 lwl-hub-munin-1.0.1-72386.noarch
354 device-mapper-multipath-libs-0.4.9-106.el6_10.1.x86_64
355 perl-Taint-Runtime-0.03-9.el6.x86_64
356 kmod-vmware-tools-vssock-9.8.1.0-2.6.32.71.el6.x86_64.10.el6.x86_64
357 perl-IO-Compress-Zlib-2.021-144.el6.x86_64
358 dhcp-common-4.1.1-63.P1.el6.centos.x86_64
359 perl-Carp-Always-0.09-2.el6.noarch
360 gdk-pixbuf2-2.24.1-6.el6_7.x86_64
361 perl-Error-0.17015-4.el6.noarch
362 libXrandr-1.5.1-1.el6.x86_64
363 lwl-module-slf4j-1.7.30-1.noarch
364 chkrootkit-0.49-9.el6.x86_64
365 libgcc-4.4.7-23.el6.x86_64
366 kernel-2.6.32-754.29.2.el6.x86_64
367 perl-YAML-Syck-1.07-4.el6.x86_64
368 lwl-module-stratusphere-database-config-0.27-1.noarch
369 perl-Socket6-0.23-4.el6.x86_64
370 libuuid-2.17.2-12.28.el6_9.2.x86_64
371 hal-info-20090716-5.el6.noarch
372 dbus-1.2.24-11.el6_10.x86_64
373 perl-Expect-1.21-3.el6.noarch
374 glib2-2.28.8-10.el6.x86_64
375 perl-XML-Parser-2.36-7.el6.x86_64
376 python-iwlib-0.1-1.2.el6.x86_64
377 libnih-1.0.1-8.el6.x86_64
378 lwl-module-stratusphere-inspection-data-reader-0.35-1.noarch
379 perl-Math-Base85-0.2-6.el6.noarch
380 cronie-anacron-1.4.4-16.el6_8.2.x86_64
381 coreutils-libs-8.4-47.el6.x86_64
382 openscap-scanner-1.2.13-2.el6.x86_64

383 lwl-module-hardware-profile-converter-0.8-1.noarch
384 perl-XML-DOM-1.44-7.el6.noarch
385 initscripts-9.03.61-1.el6.centos.x86_64
386 lwl-module-tnt-identity-common-backend-1.1-0.noarch
387 perl-MailTools-2.04-4.el6.noarch
388 gzip-1.3.12-24.el6.x86_64
389 iw-4.1-1.el6.x86_64
390 yum-3.2.29-81.el6.centos.0.1.noarch
391 lwl-module-domain-model-0.15-1.noarch
392 elfutils-0.164-2.el6.x86_64
393 lwl-module-user-group-model-0.2-1.noarch
394 perl-DateTime-0.5300-3.el6.x86_64
395 lwl-module-license-model-0.12-1.noarch
396 newt-0.52.11-4.el6.x86_64
397 lwl-module-vijava-6.0.05-1.noarch
398 make-3.81-23.el6.x86_64
399 libevent-1.4.13-4.el6.x86_64
400 libss-1.41.12-24.el6.x86_64
401 cpio-2.10-13.el6.x86_64
402 lwl-module-user-dao-0.28-1.noarch
403 vlgothic-p-fonts-20091202-2.el6.noarch
404 lwl-module-password-dao-0.3-1.noarch
405 un-core-graphic-fonts-1.0.2-0.15.080608.el6.noarch
406 lwl-module-stratusphere-inspection-data-processor-copy-0.219-1.noarch
407 lwl-module-license-dao-0.19-1.noarch
408 samyak-devanagari-fonts-1.2.1-9.el6.noarch
409 openssh-5.3p1-124.el6_10.x86_64
410 dracut-fips-004-411.el6.noarch
411 tnt-kernel-modules-1.15.0-75852_2.6.32_754.30.2.el6.x86_64
412 mdadm-3.3.4-8.el6.x86_64
413 lwl-module-license-dao-impl-jdbc-0.33-1.noarch
414 liberation-mono-fonts-1.05.1.20090721-5.el6.noarch
415 nscd-2.12-1.212.el6_10.3.x86_64
416 openssl-perl-1.0.1e-58.el6_10.x86_64
417 tnt-db-upgrade-1.5.0-75838.noarch
418 bc-1.06.95-1.el6.x86_64
419 lwl-module-user-dao-impl-jdbc-0.43-1.noarch
420 ipa-gothic-fonts-003.02-4.2.el6.noarch
421 tnt-identity-common-web-1.8.2-75388.noarch
422 rsyslog-5.8.10-12.el6.x86_64
423 kernel-2.6.32-754.30.2.el6.x86_64
424 lwl-module-domain-dao-impl-jdbc-0.22-1.noarch
425 groff-1.18.1.4-21.el6.x86_64

426 lwl-module-database-monitor-postgresql-0.4-1.noarch
427 cracklib-2.8.16-4.el6.x86_64
428 lwl-module-stratusphere-api-license-0.26-1.noarch
429 postfix-2.6.6-8.el6.x86_64
430 ntpdate-4.2.6p5-15.el6.centos.x86_64
431 lwl-module-globalopts-dao-impl-jdbc-0.21-1.noarch
432 lwl-module-logrecord-dao-impl-jdbc-0.20-1.noarch
433 lwl-module-node-group-model-0.2-1.noarch
434 lwl-config-utils-1.0.0-75989.noarch
435 lwl-collector-1.0.0-68397.noarch
436 db4-utils-4.7.25-22.el6.x86_64
437 lwl-module-datastore-dao-impl-jdbc-0.25-1.noarch
438 net-snmp-5.5-60.el6_10.1.x86_64
439 libudev-147-2.74.el6_10.x86_64
440 lwl-module-vms-connector-nutanix-0.22-2.noarch
441 unzip-6.0-5.el6.x86_64
442 tnt-identity-common-backend-2.0.4-76022.noarch
443 lwl-module-apache-common-http-client-4.5.9-1.noarch
444 tnt-nps32-drivers-6.1.5-3.noarch
445 dejavu-fonts-common-2.33-1.el6.noarch
446 lwl-module-fam-0.31-1.noarch
447 giflib-4.1.6-3.1.el6.x86_64
448 tnt-policy-2.7.1-71683.noarch
449 tnt-10Zig-drivers-6.1.5-3.noarch
450 busybox-1.15.1-21.el6_6.x86_64
451 lwl-module-stratusphere-api-inventory-domain-0.7-1.noarch
452 mingetty-1.08-5.el6.x86_64
453 ncurses-libs-5.7-4.20090207.el6.x86_64
454 lwl-module-stratusphere-api-dashboard-0.9-1.noarch
455 acl-2.2.49-7.el6_9.1.x86_64
456 lwl-module-apache-common-csv-1.4-1.noarch
457 pg_top96-3.7.0-5.rhel6.x86_64
458 lwl-stratusphere-web-2.0.5-76096.noarch
459 lwl-module-vms-dao-util-0.39-1.noarch
460 ebtables-2.0.9-6.el6.x86_64
461 fipscheck-1.2.0-7.el6.x86_64
462 xz-libs-4.999.9-0.5.beta.20091007git.el6.x86_64
463 nss-softokn-3.44.0-6.el6_10.x86_64
464 ed-1.1-3.3.el6.x86_64
465 sqlite-3.6.20-1.el6_7.2.x86_64
466 slang-2.2.1-1.el6.x86_64
467 vmware-tools-foundation-10.3.22-1.el6.x86_64
468 libcurl-7.19.7-54.el6_10.x86_64

469 tnt-libperlnt-1.5.0-65269.noarch
470 lwl-station-munin-1.0.0-67979.noarch
471 attr-2.4.44-7.el6.x86_64
472 libusb-0.1.12-23.el6.x86_64
473 vmware-tools-plugins-powerOps-10.3.22-1.el6.x86_64
474 libXau-1.0.6-4.el6.x86_64
475 cairo-1.8.8-6.el6_6.x86_64
476 postgresql96-contrib-9.6.18-1PGDG.rhel6.x86_64
477 perl-Net-SNMP-5.2.0-4.el6.noarch
478 kbd-misc-1.15-11.el6.noarch
479 libaio-0.3.107-10.el6.x86_64
480 grep-2.20-6.el6.x86_64
481 perl-Module-Pluggable-3.90-144.el6.x86_64
482 gpg-pubkey-ef1d6db8-4e0fd7f0
483 avahi-libs-0.6.25-17.el6.x86_64
484 hmaccalc-0.9.12-2.el6.x86_64
485 perl-Time-HiRes-1.9721-144.el6.x86_64
486 usermode-1.102-3.el6.x86_64
487 kmod-vmware-tools-vmci-9.8.2.0-2.6.32.71.el6.x86_64.10.el6.x86_64
488 perl-FCGI-0.71-4.el6.x86_64
489 perl-Compress-Zlib-2.021-144.el6.x86_64
490 lwl-hub-munin-postgresql-1.0.1-72386.noarch
491 zip-3.0-1.el6_7.1.x86_64
492 perl-Cache-Memcached-1.28-2.el6.noarch
493 perl-IO-Tty-1.08-4.el6.x86_64
494 pg_activity-1.5.0-1.rhel6.noarch
495 perl-Net-IPv4Addr-0.10-6.el6.noarch
496 openldap-2.4.40-16.el6.x86_64
497 cronie-1.4.4-16.el6_8.2.x86_64
498 coreutils-8.4-47.el6.x86_64
499 lwl-module-gson-2.8.5-1.noarch
500 perl-TimeDate-1.16-13.el6.noarch
501 gdisk-0.8.10-1.el6.x86_64
502 elfutils-libs-0.164-2.el6.x86_64
503 polkit-0.96-11.el6_10.1.x86_64
504 lwl-module-globalopts-model-0.19-1.noarch
505 perl-CGI-3.51-144.el6.x86_64
506 gpg-pubkey-baadae52-49beffa4
507 m4-1.4.13-5.el6.x86_64
508 e2fsprogs-libs-1.41.12-24.el6.x86_64
509 ldns-1.6.16-7.el6.2.x86_64
510 lwl-module-domain-dao-0.14-1.noarch
511 un-core-gungseo-fonts-1.0.2-0.15.080608.el6.noarch

512 e2fsprogs-1.41.12-24.el6.x86_64
513 glibc-common-2.12-1.212.el6_10.3.x86_64
514 lwl-module-session-dao-0.9-1.noarch
515 liberation-sans-fonts-1.05.1.20090721-5.el6.noarch
516 libxcb-1.12-4.el6.x86_64
517 irqbalance-1.0.7-9.el6.x86_64
518 tnt-igateway-health-1.2.0-68349.noarch
519 lwl-module-password-dao-impl-jdbc-0.5-1.noarch
520 mysql-libs-5.1.73-8.el6_8.x86_64
521 ncurses-5.7-4.20090207.el6.x86_64
522 htop-1.0.3-1.el6.x86_64
523 ntp-4.2.6p5-15.el6.centos.x86_64
524 lwl-module-json-provider-gson-0.11-1.noarch
525 java-1.8.0-openjdk-devel-1.8.0.252.b09-2.el6_10.x86_64
526 man-1.6f-39.el6.x86_64
527 python-ethtool-0.6-6.el6.x86_64
528 lwl-module-database-config-0.148-2.noarch
529 lwl-httdp24-2.4.43-76001.x86_64
530 liberation-fonts-common-1.05.1.20090721-5.el6.noarch
531 device-mapper-event-libs-1.02.117-12.el6_9.1.x86_64
532 lwl-module-ung-0.11-1.noarch
533 conntrack-tools-0.9.13-3.el6.x86_64
534 libICE-1.0.6-1.el6.x86_64
535 lwl-hub-config-1.0.2-75466.x86_64
536 tnt-igel-drivers-6.1.5-3.noarch
537 cjkuni-uming-fonts-0.2.20080216.1-36.el6.noarch
538 lvm2-libs-2.02.143-12.el6_9.1.x86_64
539 lwl-module-stratusphere-session-utils-0.46-1.noarch
540 xorg-x11-fonts-Type1-7.2-11.el6.noarch
541 libcap-2.16-5.5.el6.x86_64
542 lwl-module-executorservice-0.62-1.noarch
543 tnt-setup-1.8.2-76086.noarch
544 bzip2-libs-1.0.5-7.el6_0.x86_64
545 nss-util-3.44.0-1.el6_10.x86_64
546 tnt-brandit-1.3.0-70913.x86_64
547 lwl-openssl102-1.0.2u-75999.x86_64
548 libselinux-2.0.94-7.el6.x86_64
549 perl-WWW-Curl-4.09-4.el6.x86_64
550 file-libs-5.04-30.el6.x86_64
551 pyppgme-0.1-18.20090824bzr68.el6.x86_64
552 tcp_wrappers-libs-7.6-58.el6.x86_64
553 remi-release-6.5-1.el6.remi.noarch
554 lwl-module-groovy-3.0.2-1.noarch

555 libsemanage-2.0.43-5.1.el6.x86_64
556 vmware-tools-guestlib-10.3.22-1.el6.x86_64
557 libjpeg-turbo-1.2.1-3.el6_5.x86_64
558 lwl-module-quartz-2.3.2-1.noarch
559 ConsoleKit-0.4.1-6.el6.x86_64
560 rootfiles-8.1-6.1.el6.noarch
561 checkpolicy-2.0.22-1.el6.x86_64
562 munin-2.0.54-1.el6.noarch
563 freetype-2.3.11-19.el6_10.x86_64
564 tcl-8.5.7-6.el6.x86_64
565 vmware-tools-plugins-guestInfo-10.3.22-1.el6.x86_64
566 gd-2.0.35-11.el6.x86_64
567 perl-Digest-HMAC-1.01-22.el6.noarch
568 vmware-tools-vmxnet-common-10.3.22-10.el6.x86_64
569 perl-XML-SAX-0.96-7.el6.noarch
570 lwl-module-stratusphere-api-overview-0.42-1.noarch
571 kbd-1.15-11.el6.x86_64
572 pkgconfig-0.23-9.1.el6.x86_64
573 perl-Pod-Escapes-1.04-144.el6.x86_64
574 libXcursor-1.1.14-2.1.el6.x86_64
575 lwl-module-scheduler-0.12-1.noarch
576 eggdbus-0.6-3.el6.x86_64
577 mailx-12.4-10.el6_10.x86_64
578 python-psutil-0.6.1-1.el6.x86_64
579 parted-2.1-29.el6.x86_64
580 perl-NetAddr-IP-4.027-7.el6.x86_64
581 rrdtool-1.3.8-10.el6.x86_64
582 lksctp-tools-1.0.10-7.el6.x86_64
583 sharutils-4.7-6.1.el6.x86_64
584 udev-147-2.74.el6_10.x86_64
585 hicolor-icon-theme-0.11-1.1.el6.noarch
586 perl-Class-Singleton-1.4-6.el6.noarch
587 lwl-keyring-1.0.8-73273.noarch
588 pm-utils-1.2.5-11.el6.x86_64
589 libstdc++-4.4.7-23.el6.x86_64
590 perl-HTML-Parser-3.64-2.el6.x86_64
591 cyrus-sasl-2.1.23-15.el6_6.2.x86_64
592 json-c-0.11-13.el6.x86_64
593 lwl-module-apache-common-codec-1.14-1.noarch
594 perl-Net-SCP-Expect-0.16-1.el6.rf.noarch
595 fakeroot-1.12.2-22.2.el6.x86_64
596 lwl-module-objectbase-0.22-1.noarch
597 perl-Log-Dispatch-2.27-1.el6.noarch

598 vim-minimal-7.4.629-5.el6_10.2.x86_64
599 plymouth-scripts-0.8.3-29.el6.centos.x86_64
600 binutils-2.20.51.0.2-5.48.el6_10.1.x86_64
601 lwl-module-logrecord-model-0.4-1.noarch
602 logrotate-3.7.8-28.el6.x86_64
603 lwl-module-session-model-0.11-1.noarch
604 lzo-2.03-3.1.el6_5.1.x86_64
605 rpm-4.8.0-59.el6.x86_64
606 lwl-module-common-dao-impl-jdbc-0.83-1.noarch
607 dash-0.5.5.1-4.el6.x86_64
608 plymouth-0.8.3-29.el6.centos.x86_64
609 rpm-build-4.8.0-59.el6.x86_64
610 lwl-module-host-dao-0.13-1.noarch
611 un-core-dinaru-fonts-1.0.2-0.15.080608.el6.noarch
612 openssl-1.0.1e-58.el6_10.x86_64
613 openssh-server-5.3p1-124.el6_10.x86_64
614 selinux-policy-targeted-3.7.19-312.el6.noarch
615 microcode_ctl-1.17-33.26.el6_10.x86_64
616 lwl-module-host-dao-impl-jdbc-0.26-1.noarch
617 ipa-pgothic-fonts-003.02-4.1.el6.noarch
618 lwl-modsecurity29-2.9.3-1.x86_64
619 lwl-module-apache-common-beanutils-1.9.4-3.noarch
620 lwl-module-ldap-dao-0.3-1.noarch
621 lwl-module-globalopts-dao-0.5-1.noarch
622 newt-python-0.52.11-4.el6.x86_64
623 hwdatas-0.233-20.1.el6.noarch
624 lwl-module-node-group-dao-impl-jdbc-0.12-1.noarch
625 xfsprogs-3.1.1-20.el6.x86_64
626 lwl-module-urldetails-dao-0.10-1.noarch
627 fontpackages-filesystem-1.41-1.1.el6.noarch
628 lwl-java-setup-1.6.0-74637.noarch
629 lwl-apr-util16-1.6.1-76004.x86_64
630 libnfnetlink-1.0.0-1.el6.x86_64
631 filesystem-2.4.30-3.el6.x86_64
632 tnt-win32-drivers-6.1.5-3.noarch
633 xorg-x11-font-utils-7.2-11.el6.x86_64
634 samyak-fonts-common-1.2.1-9.el6.noarch
635 lwl-module-stratusphere-api-inventory-node-group-0.14-1.noarch
636 tnt-osx-drivers-6.1.5-3.noarch
637 lwl-module-stratusphere-api-update-0.31-1.noarch
638 lwl-jce-policy-1.1.0-67842.noarch
639 vs-pushuser-6.1.5-3.x86_64
640 popt-1.13-7.el6.x86_64

641 lwl-module-active-users-tracking-0.25-1.noarch
642 rpmforge-release-0.5.3-1.el6.rf.x86_64
643 lwl-module-eventbus-0.27-1.noarch
644 nspr-4.21.0-1.el6_10.x86_64
645 tnt-setup-vmware-1.8.2-76086.noarch
646 passwd-0.77-7.el6.x86_64
647 tnt-setup-manager-1.6.3-65795.noarch
648 lwl-module-stratusphere-api-auth-0.45-1.noarch
649 libffi-3.0.5-3.2.el6.x86_64
650 nss-3.44.0-7.el6_10.x86_64
651 bzip2-1.0.5-7.el6_0.x86_64
652 lwl-module-apache-common-math-3.6.1-2.noarch
653 libxslt-1.1.26-2.el6_3.1.x86_64
654 system-config-firewall-base-1.2.27-7.2.el6_6.noarch
655 lwl-module-bouncycastle-1.64-3.noarch
656 unbound-libs-1.4.20-26.el6_10.1.x86_64
657 epel-release-6-8.noarch
658 shadow-utils-4.1.5.1-5.el6.x86_64
659 vmware-tools-core-10.3.22-1.el6.x86_64
660 xz-4.999.9-0.5.beta.20091007git.el6.x86_64
661 postgresql-jdbc-42.1.4-1.rhel6.noarch
662 bridge-utils-1.2-10.el6.x86_64
663 MAKEDEV-3.24-6.el6.x86_64
664 vmware-tools-plugins-vmbbackup-10.3.22-1.el6.x86_64
665 p7zip-9.20.1-2.el5.x86_64
666 ca-certificates-2019.2.32-65.1.el6_10.noarch
667 libedit-2.11-4.20080712cvs.1.el6.x86_64
668 expect-5.44.1.15-5.el6_4.x86_64
669 vmware-tools-vgauth-10.3.22-1.el6.x86_64
670 perl-DBI-1.609-4.el6.x86_64
671 libXft-2.3.2-1.el6.x86_64
672 elrepo-release-6-9.el6.elrepo.noarch
673 sudo-1.8.6p3-29.el6_10.3.x86_64
674 perl-Log-Log4perl-1.30-1.el6.noarch
675 vmware-tools-vmci-common-10.3.22-10.el6.x86_64
676 pth-2.0.7-9.3.el6.x86_64
677 lm_sensors-libs-3.1.1-17.el6.x86_64
678 gpg-pubkey-d0ff3d16-4e0fd442
679 perl-5.10.1-144.el6.x86_64
680 curl-7.19.7-54.el6_10.x86_64
681 p11-kit-trust-0.18.5-2.el6_5.2.x86_64
682 perl-IO-Compress-Base-2.021-144.el6.x86_64
683 perl-HTML-Template-2.9-10.el6.noarch

684 pgtune-0.9.3-4.el5.noarch
685 snappy-1.1.0-1.el6.x86_64
686 perl-Cache-Cache-1.06-2.el6.noarch
687 tnt-identity-common-backend-deps-2.0.2-75206.noarch
688 gtk2-2.24.23-9.el6.x86_64
689 dbus-libs-1.2.24-11.el6_10.x86_64
690 perl-IO-Socket-INET6-2.56-4.el6.noarch
691 libblkid-2.17.2-12.28.el6_9.2.x86_64
692 lwl-module-stratusphere-inspection-data-rollup-0.113-12.noarch
693 perl-XML-Simple-2.18-6.el6.noarch
694 tnt-common-java-3.0.7.7-1.noarch
695 gmp-4.3.1-13.el6.x86_64
696 openscap-1.2.13-2.el6.x86_64
697 perl-MIME-Types-1.28-2.el6.noarch
698 rpmdevtools-7.5-2.el6.noarch
699 tmpwatch-2.9.16-6.el6.x86_64
700 lwl-module-node-model-0.19-1.noarch
701 lwl-libxml2-2.9.9-71872.x86_64
702 lwl-module-tnt-identity-common-java-1.6-1.noarch
703 rpm-libs-4.8.0-59.el6.x86_64
704 plymouth-core-libs-0.8.3-29.el6.centos.x86_64
705 vlgothic-fonts-20091202-2.el6.noarch
706 sysstat-9.0.4-33.el6_9.1.x86_64
707 lwl-module-station-dao-0.9-1.noarch
708 lohit-devanagari-fonts-2.4.3-7.el6.noarch
709 lwl-module-session-dao-impl-jdbc-0.14-1.noarch
710 dejavu-sans-mono-fonts-2.33-1.el6.noarch
711 lwl-module-vms-dao-impl-jdbc-0.38-1.noarch
712 tnt-identity-common-java-deps-3.3.1-75924.noarch
713 libXrender-0.9.10-1.el6.x86_64
714 cracklib-dicts-2.8.16-4.el6.x86_64
715 lwl-module-database-dbinfoprovider-simple-0.6-1.noarch
716 iptables-ipv6-1.4.7-19.el6.x86_64
717 redhat-logos-60.0.14-12.el6.centos.noarch
718 java-1.8.0-openjdk-headless-1.8.0.252.b09-2.el6_10.x86_64
719 lwl-module-license-decoder-cert-0.4-1.noarch
720 scap-security-guide-0.1.28-4.el6.noarch
721 tnt-identity-common-java-3.3.6-75924.noarch
722 lwl-module-vms-event-processor-inventory-monitor-0.19-1.noarch
723 lwl-module-vms-connector-vmware-0.114-3.noarch
724 gdb-7.2-92.el6.x86_64

Stratusphere Database Appliance Installed Packages

```
1 pg_partman96-4.4.0-1.rhel6.x86_64
2 libuser-0.56.13-8.el6_7.x86_64
3 filesystem-2.4.30-3.el6.x86_64
4 vmware-tools-vmxnet-common-10.3.22-10.el6.x86_64
5 scap-security-guide-0.1.28-4.el6.noarch
6 libX11-common-1.6.4-3.el6.noarch
7 tzdata-2020a-1.el6.noarch
8 gpgme-1.1.8-3.el6.x86_64
9 xml-common-0.6.3-33.el6.noarch
10 man-1.6f-39.el6.x86_64
11 glibc-common-2.12-1.212.el6_10.3.x86_64
12 mailx-12.4-10.el6_10.x86_64
13 bash-4.1.2-48.el6.x86_64
14 python-2.6.6-68.el6_10.x86_64
15 libcap-2.16-5.5.el6.x86_64
16 prelink-0.4.6-3.1.el6_4.x86_64
17 python-pycurl-7.19.0-9.el6.x86_64
18 popt-1.13-7.el6.x86_64
19 lwl-httdp24-2.4.43-76001.x86_64
20 python-psutil-0.6.1-1.el6.x86_64
21 db4-4.7.25-22.el6.x86_64
22 tnt-setup-1.8.2-76086.noarch
23 gdb-7.2-92.el6.x86_64
24 dbus-libs-1.2.24-11.el6_10.x86_64
25 lwl-openssl102-1.0.2u-75999.x86_64
26 yum-3.2.29-81.el6.centos.0.1.noarch
27 chkconfig-1.3.49.5-1.el6.x86_64
28 slang-2.2.1-1.el6.x86_64
29 libstdc++-4.4.7-23.el6.x86_64
30 ustr-1.0.4-9.1.el6.x86_64
31 libblkid-2.17.2-12.28.el6_9.2.x86_64
32 tnt-libperlnt-1.5.0-65269.noarch
33 pkgconfig-0.23-9.1.el6.x86_64
34 screen-4.0.3-19.el6.x86_64
35 sqlite-3.6.20-1.el6_7.2.x86_64
36 ConsoleKit-0.4.1-6.el6.x86_64
37 libcap-ng-0.6.4-3.el6_0.1.x86_64
38 iproute-2.6.32-57.el6.x86_64
39 cyrus-sasl-lib-2.1.23-15.el6_6.2.x86_64
40 util-linux-ng-2.17.2-12.28.el6_9.2.x86_64
41 pciutils-libs-3.1.10-4.el6.x86_64
```

```
42 device-mapper-1.02.117-12.el6_9.1.x86_64
43 xz-4.999.9-0.5.beta.20091007git.el6.x86_64
44 pg_top96-3.7.0-5.rhel6.x86_64
45 gdisk-0.8.10-1.el6.x86_64
46 openssh-5.3p1-124.el6_10.x86_64
47 procps-3.2.8-45.el6_9.3.x86_64
48 usermode-1.102-3.el6.x86_64
49 binutils-2.20.51.0.2-5.48.el6_10.1.x86_64
50 epel-release-6-8.noarch
51 device-mapper-event-1.02.117-12.el6_9.1.x86_64
52 perl-libs-5.10.1-144.el6.x86_64
53 device-mapper-multipath-libs-0.4.9-106.el6_10.1.x86_64
54 perl-5.10.1-144.el6.x86_64
55 python-iwlib-0.1-1.2.el6.x86_64
56 perl-Digest-SHA1-2.12-2.el6.x86_64
57 crontie-anacron-1.4.4-16.el6_8.2.x86_64
58 perl-XML-NamespaceSupport-1.10-3.el6.noarch
59 cntlm-0.35.1-4.el6.x86_64
60 perl-Compress-Raw-Zlib-2.021-144.el6.x86_64
61 selinux-policy-3.7.19-312.el6.noarch
62 libaio-0.3.107-10.el6.x86_64
63 libmemcached-0.31-1.1.el6.x86_64
64 hdparm-9.43-4.el6.x86_64
65 clamav-0.100.3-1.el6.x86_64
66 p11-kit-trust-0.18.5-2.el6_5.2.x86_64
67 pixman-0.32.8-1.el6.x86_64
68 perl-Net-DNS-0.65-5.el6.x86_64
69 libevent-1.4.13-4.el6.x86_64
70 perl-HTML-Template-2.9-10.el6.noarch
71 openscap-utils-1.2.13-2.el6.x86_64
72 sharutils-4.7-6.1.el6.x86_64
73 perl-Date-Manip-6.24-1.el6.noarch
74 libXrender-0.9.10-1.el6.x86_64
75 perl-Socket6-0.23-4.el6.x86_64
76 rrdtool-1.3.8-10.el6.x86_64
77 perl-IO-Multiplex-1.13-1.el6.rf.noarch
78 perl-IO-Tty-1.08-4.el6.x86_64
79 dracut-004-411.el6.noarch
80 perl-Math-Base85-0.2-6.el6.noarch
81 kmod-vmware-tools-vsock-9.8.1.0-2.6.32.71.el6.x86_64.10.el6.x86_64
82 perl-HTML-Tagset-3.20-4.el6.noarch
83 kexec-tools-2.0.0-310.el6.x86_64
84 perl-XML-DOM-1.44-7.el6.noarch
```

```
85 pm-utils-1.2.5-11.el6.x86_64
86 perl-MailTools-2.04-4.el6.noarch
87 elfutils-0.164-2.el6.x86_64
88 lwl-db-setup-1.0.0-74110.noarch
89 shared-mime-info-0.70-6.el6.x86_64
90 fuse-2.8.3-5.el6.x86_64
91 xdelta-1.1.4-8.el6.x86_64
92 device-mapper-multipath-0.4.9-106.el6_10.1.x86_64
93 pinentry-0.7.6-8.el6.x86_64
94 efibootmgr-0.5.4-15.el6.x86_64
95 lsof-4.82-5.el6.x86_64
96 vmware-tools-repo-RHEL6-10.0.9-1.el6.x86_64
97 e2fsprogs-1.41.12-24.el6.x86_64
98 unzip-6.0-5.el6.x86_64
99 gpg-pubkey-ef1d6db8-4e0fd7f0
100 dash-0.5.5.1-4.el6.x86_64
101 gpg-pubkey-442df0f8-4783f24a
102 groff-1.18.1.4-21.el6.x86_64
103 munin-common-2.0.54-1.el6.noarch
104 cracklib-2.8.16-4.el6.x86_64
105 fontconfig-2.8.0-5.el6.x86_64
106 redhat-logos-60.0.14-12.el6.centos.noarch
107 perl-Net-Server-2.007-2.el6.noarch
108 libpciaccess-0.13.4-1.el6.x86_64
109 vmware-tools-foundation-10.3.22-1.el6.x86_64
110 hmaccalc-0.9.12-2.el6.x86_64
111 postgresql96-9.6.18-1PGDG.rhel6.x86_64
112 keyutils-libs-1.4-5.el6.x86_64
113 vmware-tools-services-10.3.22-1.el6.x86_64
114 fipscheck-1.2.0-7.el6.x86_64
115 vmware-tools-plugins-deployPkg-10.3.22-1.el6.x86_64
116 libcurl-7.19.7-54.el6_10.x86_64
117 vmware-tools-plugins-guestInfo-10.3.22-1.el6.x86_64
118 openldap-2.4.40-16.el6.x86_64
119 libgcc-4.4.7-23.el6.x86_64
120 perl-DBD-Pg-2.15.1-4.el6_3.x86_64
121 centos-release-6-10.el6.centos.12.3.x86_64
122 busybox-1.15.1-21.el6_6.x86_64
123 openscap-scanner-1.2.13-2.el6.x86_64
124 pgdg-redhat-repo-42.0-6.noarch
125 passwd-0.77-7.el6.x86_64
126 mailcap-2.1.31-2.el6.noarch
127 gnupg2-2.0.14-9.el6_10.x86_64
```

```
128 dejavu-fonts-common-2.33-1.el6.noarch
129 rpmforge-release-0.5.3-1.el6.rf.x86_64
130 ncurses-base-5.7-4.20090207.el6.x86_64
131 lwl-keyring-1.0.8-73273.noarch
132 mysql-libs-5.1.73-8.el6_8.x86_64
133 nss-softokn-freebl-3.44.0-6.el6_10.x86_64
134 wget-1.12-10.el6.x86_64
135 ncurses-libs-5.7-4.20090207.el6.x86_64
136 ethtool-3.5-6.el6.x86_64
137 nspr-4.21.0-1.el6_10.x86_64
138 libffi-3.0.5-3.2.el6.x86_64
139 libattr-2.4.44-7.el6.x86_64
140 kernel-2.6.32-754.30.2.el6.x86_64
141 python-libs-2.6.6-68.el6_10.x86_64
142 zlib-1.2.3-29.el6.x86_64
143 lwl-apr-util16-1.6.1-76004.x86_64
144 python-psycopg2-2.7.5-1.rhel6.1.x86_64
145 audit-libs-2.4.5-6.el6.x86_64
146 python-urlgrabber-3.9.1-11.el6.noarch
147 bzip2-libs-1.0.5-7.el6_0.x86_64
148 lwl-config-utils-1.0.0-75989.noarch
149 pypgmme-0.1-18.20090824bzr68.el6.x86_64
150 libacl-2.2.49-7.el6_9.1.x86_64
151 vs-helper-6.1.5-3.x86_64
152 pg_activity-1.5.0-1.rhel6.noarch
153 expat-2.0.1-13.el6_8.x86_64
154 libxml2-python-2.7.6-21.el6_8.1.x86_64
155 readline-6.0-4.el6.x86_64
156 lwl-console-2.0.0-76092.noarch
157 rpm-build-4.8.0-59.el6.x86_64
158 libcom_err-1.41.12-24.el6.x86_64
159 tnt-setup-vmware-1.8.2-76086.noarch
160 yum-plugin-fastestmirror-1.1.30-42.el6_10.noarch
161 libselinux-2.0.94-7.el6.x86_64
162 remi-release-6.5-1.el6.remi.noarch
163 sed-4.2.1-10.el6.x86_64
164 dbus-python-0.83.0-6.1.el6.x86_64
165 libuuid-2.17.2-12.28.el6_9.2.x86_64
166 newt-0.52.11-4.el6.x86_64
167 elfutils-libelf-0.164-2.el6.x86_64
168 authconfig-6.1.12-23.el6.x86_64
169 grep-2.20-6.el6.x86_64
170 libsemanage-2.0.43-5.1.el6.x86_64
```

171 libgcrypt-1.4.5-12.el6_8.x86_64
172 dbus-1.2.24-11.el6_10.x86_64
173 findutils-4.4.2-9.el6.x86_64
174 tnt-tools-1.5.5-73504.x86_64
175 file-libs-5.04-30.el6.x86_64
176 lua-5.1.4-4.1.el6.x86_64
177 hal-libs-0.5.14-14.el6.x86_64
178 bzip2-1.0.5-7.el6_0.x86_64
179 polkit-0.96-11.el6_10.1.x86_64
180 freetype-2.3.11-19.el6_10.x86_64
181 MAKEDEV-3.24-6.el6.x86_64
182 nss-softokn-3.44.0-6.el6_10.x86_64
183 iptables-1.4.7-19.el6.x86_64
184 libxslt-1.1.26-2.el6_3.1.x86_64
185 libdrm-2.4.65-2.el6.x86_64
186 cpio-2.10-13.el6.x86_64
187 plymouth-0.8.3-29.el6.centos.x86_64
188 diffutils-2.8.1-28.el6.x86_64
189 initscripts-9.03.61-1.el6.centos.x86_64
190 libnl-1.1.4-2.el6.x86_64
191 device-mapper-libs-1.02.117-12.el6_9.1.x86_64
192 elfutils-libs-0.164-2.el6.x86_64
193 device-mapper-event-libs-1.02.117-12.el6_9.1.x86_64
194 xz-lzma-compat-4.999.9-0.5.beta.20091007git.el6.x86_64
195 libusb-0.1.12-23.el6.x86_64
196 kpartx-0.4.9-106.el6_10.1.x86_64
197 psmisc-22.6-24.el6.x86_64
198 rsyslog-5.8.10-12.el6.x86_64
199 libselinux-utils-2.0.94-7.el6.x86_64
200 openssh-server-5.3p1-124.el6_10.x86_64
201 checkpolicy-2.0.22-1.el6.x86_64
202 ntp-4.2.6p5-15.el6.centos.x86_64
203 acl-2.2.49-7.el6_9.1.x86_64
204 chkrootkit-0.49-9.el6.x86_64
205 ed-1.1-3.3.el6.x86_64
206 dejavu-sans-mono-fonts-2.33-1.el6.noarch
207 pg_jobmon96-1.3.3-1.rhel6.noarch
208 libedit-2.11-4.20080712cvs.1.el6.x86_64
209 perl-Pod-Escapes-1.04-144.el6.x86_64
210 lvm2-libs-2.02.143-12.el6_9.1.x86_64
211 perl-version-0.77-144.el6.x86_64
212 cryptsetup-luks-1.2.0-11.el6.x86_64
213 perl-Pod-Simple-3.13-144.el6.x86_64

```
214 mdadm-3.3.4-8.el6.x86_64
215 perl-DBI-1.609-4.el6.x86_64
216 wireless-tools-29-6.el6.x86_64
217 perl-Params-Validate-0.92-3.el6.x86_64
218 system-config-network-tui-1.6.0.el6.3-4.el6.noarch
219 perl-Digest-HMAC-1.01-22.el6.noarch
220 postfix-2.6.6-8.el6.x86_64
221 perl-Time-HiRes-1.9721-144.el6.x86_64
222 cronie-1.4.4-16.el6_8.2.x86_64
223 perl-XML-LibXML-1.70-5.el6.x86_64
224 sysstat-9.0.4-33el6_9.1.x86_64
225 perl-IO-Compress-Base-2.021-144.el6.x86_64
226 conntrack-tools-0.9.13-3.el6.x86_64
227 pth-2.0.7-9.3.el6.x86_64
228 iptables-ipv6-1.4.7-19.el6.x86_64
229 sysvinit-tools-2.87-6.ds1.el6.x86_64
230 nscd-2.12-1.212.el6_10.3.x86_64
231 libtasn1-2.3-6.el6_5.x86_64
232 lzo-2.03-3.1.el6_5.1.x86_64
233 dmidecode-2.12-7.el6.x86_64
234 pgpool-II-96-3.6.1-1.rhel6.x86_64
235 libnfnetlink-1.0.0-1.el6.x86_64
236 json-c-0.11-13.el6.x86_64
237 tcl-8.5.7-6.el6.x86_64
238 device-mapper-persistent-data-0.6.2-0.2.rc7.el6.x86_64
239 numactl-2.0.9-2.el6.x86_64
240 perl-Compress-Zlib-2.021-144.el6.x86_64
241 libnghttp2-1.6.0-1.el6.1.x86_64
242 perl-NetAddr-IP-4.027-7.el6.x86_64
243 libthai-0.1.12-3.el6.x86_64
244 perl-Taint-Runtime-0.03-9.el6.x86_64
245 fakeroot-libs-1.12.2-22.2.el6.x86_64
246 perl-File-Copy-Recursive-0.38-4.el6.noarch
247 perl-CGI-3.51-144.el6.x86_64
248 perl-Net-IP-1.25-13.el6.noarch
249 perl-YAML-Syck-1.07-4.el6.x86_64
250 perl-Class-Singleton-1.4-6.el6.noarch
251 perl-DateTime-0.5300-3.el6.x86_64
252 perl-IO-Socket-INET6-2.56-4.el6.noarch
253 perl-Net-SNMP-5.2.0-4.el6.noarch
254 perl-IPC-ShareLite-0.17-1.el6.rf.x86_64
255 perl-Cache-Cache-1.06-2.el6.noarch
256 perl-Expect-1.21-3.el6.noarch
```

257 perl-Net-IPv4Addr-0.10-6.el6.noarch
258 perl-Net-IPv6Addr-0.2-6.el6.noarch
259 perl-XML-RegExp-0.03-7.el6.noarch
260 perl-HTML-Parser-3.64-2.el6.x86_64
261 perl-XML-Parser-2.36-7.el6.x86_64
262 perl-MIME-Types-1.28-2.el6.noarch
263 perl-TimeDate-1.16-13.el6.noarch
264 perl-MIME-Lite-3.027-2.el6.noarch
265 perl-Log-Dispatch-FileRotate-1.19-4.el6.noarch
266 iw-4.1-1.el6.x86_64
267 glib2-2.28.8-10.el6.x86_64
268 dbus-glib-0.86-6.el6.x86_64
269 grubby-7.0.15-7.el6.x86_64
270 lwl-libxml2-2.9.9-71872.x86_64
271 snappy-1.1.0-1.el6.x86_64
272 net-tools-1.60-114.el6.x86_64
273 tar-1.23-15.el6_8.x86_64
274 patch-2.6-8.el6_9.x86_64
275 libss-1.41.12-24.el6.x86_64
276 libnih-1.0.1-8.el6.x86_64
277 db4-utils-4.7.25-22.el6.x86_64
278 m4-1.4.13-5.el6.x86_64
279 squashfs-tools-4.0-5.el6.x86_64
280 clamav-db-0.100.3-1.el6.x86_64
281 ncurses-5.7-4.20090207.el6.x86_64
282 less-436-13.el6.x86_64
283 gzip-1.3.12-24.el6.x86_64
284 munin-node-2.0.54-1.el6.noarch
285 cracklib-dicts-2.8.16-4.el6.x86_64
286 pam-1.1.1-24.el6.x86_64
287 hwdetect-0.233-20.1.el6.noarch
288 ca-certificates-2019.2.32-65.1.el6_10.noarch
289 logrotate-3.7.8-28.el6.x86_64
290 pciutils-3.1.10-4.el6.x86_64
291 nss-3.44.0-7.el6_10.x86_64
292 nss-tools-3.44.0-7.el6_10.x86_64
293 vmware-tools-libraries-nox-10.3.22-1.el6.x86_64
294 audit-2.4.5-6.el6.x86_64
295 postgresql96-libs-9.6.18-1PGDG.rhel6.x86_64
296 mingetty-1.08-5.el6.x86_64
297 krb5-libs-1.10.3-65.el6.x86_64
298 fipscheck-lib-1.2.0-7.el6.x86_64
299 libssh2-1.4.2-3.el6_10.1.x86_64

300 perl-Net-SSLeay-1.35-10.el6_8.1.x86_64
301 rpm-libs-4.8.0-59.el6.x86_64
302 rpm-4.8.0-59.el6.x86_64
303 vmware-tools-esx-nox-10.3.22-1.el6.x86_64
304 postgresql96-contrib-9.6.18-1PGDG.rhel6.x86_64
305 vmware-tools-vmci-common-10.3.22-10.el6.x86_64
306 vmware-tools-vsock-common-10.3.22-10.el6.x86_64
307 rpmdevtools-7.5-2.el6.noarch
308 libpcap-1.4.0-4.20130826git2dbcaa1.el6.x86_64
309 unbound-libs-1.4.20-26.el6_10.1.x86_64
310 libXau-1.0.6-4.el6.x86_64
311 libX11-1.6.4-3.el6.x86_64
312 cairo-1.8.8-6.el6.x86_64
313 pango-1.28.1-11.el6.x86_64
314 rrdtool-perl-1.3.8-10.el6.x86_64
315 dhcp-common-4.1.1-63.P1.el6.centos.x86_64
316 kbd-1.15-11.el6.x86_64
317 dracut-kernel-004-411.el6.noarch
318 kmod-vmware-tools-vmci-9.8.2.0-2.6.32.71.el6.x86_64.10.el6.x86_64
319 kmod-vmware-tools-vmxnet-2.1.0.0-2.6.32.71.el6.x86_64.10.el6.x86_64
320 irqbalance-1.0.7-9.el6.x86_64
321 dracut-fips-004-411.el6.noarch
322 hal-0.5.14-14.el6.x86_64
323 tnt-base-4.0.1-62018.noarch
324 lwl-hub-munin-postgresql-1.0.1-72386.noarch
325 dhclient-4.1.1-63.P1.el6.centos.x86_64
326 system-config-firewall-base-1.2.27-7.2.el6_6.noarch
327 lvm2-2.02.143-12.el6_9.1.x86_64
328 xfsprogs-3.1.1-20.el6.x86_64
329 attr-2.4.44-7.el6.x86_64
330 bridge-utils-1.2-10.el6.x86_64
331 gpg-pubkey-9def3191-461fe38c
332 gpg-pubkey-c105b9de-4e0fd3a3
333 gpg-pubkey-fe837f6f-4e0fd77e
334 gpg-pubkey-baadae52-49beffa4
335 gpg-pubkey-c432455b-4f35848d
336 gpg-pubkey-00f97f56-467e318a
337 munin-apache-2.0.54-1.el6.noarch
338 libreswan-3.15-9.el6_10.x86_64
339 postgresql96-server-9.6.18-1PGDG.rhel6.x86_64
340 vmware-tools-core-10.3.22-1.el6.x86_64
341 vmware-tools-plugins-vmbbackup-10.3.22-1.el6.x86_64
342 vmware-tools-plugins-vix-10.3.22-1.el6.x86_64

343 vmware-tools-plugins-hgfsServer-10.3.22-1.el6.x86_64
344 vmware-tools-plugins-timeSync-10.3.22-1.el6.x86_64
345 vmware-tools-vgauth-10.3.22-1.el6.x86_64
346 setup-2.8.14-23.el6.noarch
347 postgresql96-plperl-9.6.18-1PGDG.rhel6.x86_64
348 openscap-1.2.13-2.el6.x86_64
349 basesystem-10.0-4.el6.noarch
350 vmware-tools-esx-kmods-10.3.22-1.el6.x86_64
351 fontpackages-filesystem-1.41-1.1.el6.noarch
352 kernel-2.6.32-754.29.2.el6.x86_64
353 gpg-pubkey-6b8d79e6-3f49313d
354 libevent2-2.0.21-2.el6.x86_64
355 glibc-2.12-1.212.el6_10.3.x86_64
356 kernel-firmware-2.6.32-754.30.2.el6.noarch
357 plymouth-core-libs-0.8.3-29.el6.centos.x86_64
358 nss-util-3.44.0-1.el6_10.x86_64
359 rpm-python-4.8.0-59.el6.x86_64
360 info-4.13a-8.el6.x86_64
361 yum-metadata-parser-1.1.2-16.el6.x86_64
362 libxml2-2.7.6-21.el6_8.1.x86_64
363 python-ethtool-0.6-6.el6.x86_64
364 gawk-3.1.7-10.el6_7.3.x86_64
365 tnt-release-6.1.5-1_202007131544.noarch
366 python-iniparse-0.3.1-2.1.el6.noarch
367 libsepol-2.0.41-4.el6.x86_64
368 yum-utils-1.1.30-42.el6_10.noarch
369 libgpg-error-1.7-4.el6.x86_64
370 newt-python-0.52.11-4.el6.x86_64
371 pcre-7.8-7.el6.x86_64
372 shadow-utils-4.1.5.1-5.el6.x86_64
373 xz-libs-4.999.9-0.5.beta.20091007git.el6.x86_64
374 libutempter-1.1.5-4.1.el6.x86_64
375 libudev-147-2.74.el6_10.x86_64
376 ConsoleKit-libs-0.4.1-6.el6.x86_64
377 libidn-1.18-2.el6.x86_64
378 policycoreutils-2.0.83-30.1.el6_8.x86_64
379 file-5.04-30.el6.x86_64
380 iutils-20071127-24.el6.x86_64
381 which-2.19-6.el6.x86_64
382 udev-147-2.74.el6_10.x86_64
383 lwl-apr17-1.7.0-73858.x86_64
384 gmp-4.3.1-13.el6.x86_64
385 parted-2.1-29.el6.x86_64

386 tmpwatch-2.9.16-6.el6.x86_64
387 ntpdate-4.2.6p5-15.el6.centos.x86_64
388 bc-1.06.95-1.el6.x86_64
389 openssh-clients-5.3p1-124.el6_10.x86_64
390 libpng-1.2.49-2.el6_7.x86_64
391 pgtune-0.9.3-4.el5.noarch
392 gdbm-1.8.0-39.el6.x86_64
393 cryptsetup-luks-libs-1.2.0-11.el6.x86_64
394 perl-Module-Pluggable-3.90-144.el6.x86_64
395 crda-3.13_2015.10.22-3.el6.x86_64
396 perl-URI-1.40-2.el6.noarch
397 cyrus-sasl-2.1.23-15.el6_6.2.x86_64
398 perl-Mail-Sendmail-0.79-12.el6.noarch
399 crontabs-1.10-33.el6.noarch
400 perl-XML-SAX-0.96-7.el6.noarch
401 tcp_wrappers-libs-7.6-58.el6.x86_64
402 zip-3.0-1.el6_7.1.x86_64
403 p11-kit-0.18.5-2.el6_5.2.x86_64
404 elrepo-release-6-9.el6.elrepo.noarch
405 libnetfilter_conntrack-0.0.100-2.el6.x86_64
406 expect-5.44.1.15-5.el6_4.x86_64
407 perl-IO-Compress-Zlib-2.021-144.el6.x86_64
408 perl-Convert-UU-0.5201-1.el6.rf.noarch
409 fakeroot-1.12.2-22.2.el6.x86_64
410 perl-FCGI-0.71-4.el6.x86_64
411 Idns-1.6.16-7.el6.2.x86_64
412 perl-Net-CIDR-0.20-1.el6.noarch
413 libxcb-1.12-4.el6.x86_64
414 perl-List-MoreUtils-0.22-10.el6.x86_64
415 libXft-2.3.2-1.el6.x86_64
416 perl-Crypt-DES-2.05-9.el6.x86_64
417 perl-Log-Log4perl-1.30-1.el6.noarch
418 perl-Error-0.17015-4.el6.noarch
419 kbd-misc-1.15-11.el6.noarch
420 perl-Mail-Sender-0.8.16-3.el6.noarch
421 perl-Net-SCP-Expect-0.16-1.el6.rf.noarch
422 perl-libwww-perl-5.833-5.el6.noarch
423 hal-info-20090716-5.el6.noarch
424 perl-Email-Date-Format-1.002-5.el6.noarch
425 perl-Log-Dispatch-2.27-1.el6.noarch
426 lwl-munin-1.0.0-72053.noarch
427 gamin-0.1.10-9.el6.x86_64
428 lwl-db-server-1.0.4-2.noarch

```
429 eggdbus-0.6-3.el6.x86_64
430 selinux-policy-targeted-3.7.19-312.el6.noarch
431 aide-0.14-11.el6.x86_64
432 grub-0.97-99.el6.x86_64
433 vim-minimal-7.4.629-5.el6_10.2.x86_64
434 nano-2.0.9-7.el6.x86_64
435 e2fsprogs-libs-1.41.12-24.el6.x86_64
436 rootfiles-8.1-6.1.el6.noarch
437 upstart-0.6.5-17.el6.x86_64
438 gpg-pubkey-d0ff3d16-4e0fd442
439 make-3.81-23.el6.x86_64
440 gpg-pubkey-0608b895-4bd22942
441 dejavu-lgc-sans-mono-fonts-2.33-1.el6.noarch
442 coreutils-libs-8.4-47.el6.x86_64
443 munin-2.0.54-1.el6.noarch
444 coreutils-8.4-47.el6.x86_64
445 lwl-db-config-1.0.6-5.noarch
446 module-init-tools-3.9-26.el6.x86_64
447 sudo-1.8.6p3-29.el6_10.3.x86_64
448 plymouth-scripts-0.8.3-29.el6.centos.x86_64
449 lwl-ssl-cert-1.0.0-75148.noarch
450 nss-sysinit-3.44.0-7.el6_10.x86_64
451 postgresql11-libs-11.8-1PGDG.rhel6.x86_64
452 redhat-rpm-config-9.0.3-51.el6.centos.noarch
453 vmware-tools-guestlib-10.3.22-1.el6.x86_64
454 openssl-1.0.1e-58.el6_10.x86_64
455 vmware-tools-plugins-powerOps-10.3.22-1.el6.x86_64
456 vmware-tools-plugins-grabbitmqProxy-10.3.22-1.el6.x86_64
457 curl-7.19.7-54.el6_10.x86_64
```

Stratusphere Collector Appliance Installed Packages

```
1 gpg-pubkey-9def3191-461fe38c
2 gpg-pubkey-fe837f6f-4e0fd77e
3 xml-common-0.6.3-33.el6.noarch
4 gpg-pubkey-00f97f56-467e318a
5 man-1.6f-39.el6.x86_64
6 mysql-libs-5.1.73-8.el6_8.x86_64
7 ncurses-libs-5.7-4.20090207.el6.x86_64
8 lwl-module-executorservice-0.62-1.noarch
9 ethtool-3.5-6.el6.x86_64
10 zlib-1.2.3-29.el6.x86_64
11 audit-libs-2.4.5-6.el6.x86_64
```

```
12 yum-metadata-parser-1.1.2-16.el6.x86_64
13 libxml2-python-2.7.6-21.el6_8.1.x86_64
14 readline-6.0-4.el6.x86_64
15 nss-util-3.44.0-1.el6_10.x86_64
16 libsepol-2.0.41-4.el6.x86_64
17 dbus-python-0.83.0-6.1.el6.x86_64
18 unbound-libs-1.4.20-26.el6_10.1.x86_64
19 pcre-7.8-7.el6.x86_64
20 tnt-common-java-deps-3.0.7.7-2.noarch
21 lwl-module-java-mail-1.6.4-1.noarch
22 authconfig-6.1.12-23.el6.x86_64
23 libXfixes-5.0.3-1.el6.x86_64
24 elfutils-libelf-0.164-2.el6.x86_64
25 xz-libs-4.999.9-0.5.beta.20091007git.el6.x86_64
26 lwl-module-apache-commons-lang3-3.10-2.noarch
27 tnt-common-java-3.0.7.7-1.noarch
28 hal-libs-0.5.14-14.el6.x86_64
29 nss-sysinit-3.44.0-7.el6_10.x86_64
30 MAKEDEV-3.24-6.el6.x86_64
31 bzip2-1.0.5-7.el6_0.x86_64
32 postgresql96-libs-9.6.18-1PGDG.rhel6.x86_64
33 lwl-module-objectbase-0.22-1.noarch
34 libdrm-2.4.65-2.el6.x86_64
35 file-5.04-30.el6.x86_64
36 lwl-module-oval-0.13-1.noarch
37 lwl-module-host-model-0.13-1.noarch
38 libXdamage-1.1.3-4.el6.x86_64
39 cyrus-sasl-lib-2.1.23-15.el6_6.2.x86_64
40 vmware-tools-plugins-grabbitmqProxy-10.3.22-1.el6.x86_64
41 libXinerama-1.1.3-2.1.el6.x86_64
42 ed-1.1-3.3.el6.x86_64
43 vmware-tools-plugins-vmbbackup-10.3.22-1.el6.x86_64
44 lwl-module-datastore-model-0.5-1.noarch
45 lwl-hub-munin-1.0.1-72386.noarch
46 pciutils-libs-3.1.10-4.el6.x86_64
47 postgresql96-9.6.18-1PGDG.rhel6.x86_64
48 lwl-module-urldetails-dao-0.10-1.noarch
49 kmod-vmware-tools-vsock-9.8.1.0-2.6.32.71.el6.x86_64.10.el6.x86_64
50 xz-4.999.9-0.5.beta.20091007git.el6.x86_64
51 module-init-tools-3.9-26.el6.x86_64
52 jasper-libs-1.900.1-22.el6.x86_64
53 psmisc-22.6-24.el6.x86_64
54 libusb-0.1.12-23.el6.x86_64
```

```
55    vmware-tools-vsock-common-10.3.22-10.el6.x86_64
56    tzdata-java-2020a-1.el6.noarch
57    python-iwlib-0.1-1.2.el6.x86_64
58    perl-Pod-Escapes-1.04-144.el6.x86_64
59    libnetfilter_conntrack-0.0.100-2.el6.x86_64
60    lwl-module-unique-number-generator-impl-jdbc-0.17-1.noarch
61    perl-Taint-Runtime-0.03-9.el6.x86_64
62    crontie-anacron-1.4.4-16.el6_8.2.x86_64
63    perl-Pod-Simple-3.13-144.el6.x86_64
64    lwl-module-database-datasourceprovider-atomikos-0.12-1.noarch
65    perl-Net-SSLeay-1.35-10.el6_8.1.x86_64
66    ebtables-2.0.9-6.el6.x86_64
67    perl-URI-1.40-2.el6.noarch
68    kernel-2.6.32-754.29.2.el6.x86_64
69    lwl-module-propholder-0.32-1.noarch
70    perl-XML-DOM-1.44-7.el6.noarch
71    perl-XML-NamespaceSupport-1.10-3.el6.noarch
72    perl-TimeDate-1.16-13.el6.noarch
73    perl-Compress-Raw-Zlib-2.021-144.el6.x86_64
74    lwl-module-host-dao-impl-jdbc-0.26-1.noarch
75    cairo-1.8.8-6.el6_6.x86_64
76    libtasn1-2.3-6.el6_5.x86_64
77    dejavu-fonts-common-2.33-1.el6.noarch
78    udev-147-2.74.el6_10.x86_64
79    hdparm-9.43-4.el6.x86_64
80    lwl-module-atomikos-5.0.6-1.noarch
81    rrdtool-perl-1.3.8-10.el6.x86_64
82    lzo-2.03-3.1.el6_5.1.x86_64
83    p11-kit-trust-0.18.5-2.el6_5.2.x86_64
84    lwl-module-scheduler-0.12-1.noarch
85    nss-softokn-freebl-3.44.0-6.el6_10.x86_64
86    libXext-1.3.3-1.el6.x86_64
87    glibc-2.12-1.212.el6_10.3.x86_64
88    perl-Net-DNS-0.65-5.el6.x86_64
89    perl-Mail-Sender-0.8.16-3.el6.noarch
90    libcurl-7.19.7-54.el6_10.x86_64
91    libXrender-0.9.10-1.el6.x86_64
92    openssh-server-5.3p1-124.el6_10.x86_64
93    patch-2.6-8.el6_9.x86_64
94    fakeroot-libs-1.12.2-22.2.el6.x86_64
95    perl-Params-Validate-0.92-3.el6.x86_64
96    tnt-brandit-1.3.0-70913.x86_64
97    libpcap-1.4.0-4.20130826git2dbcaa1.el6.x86_64
```

```
98 perl-Net-SNMP-5.2.0-4.el6.noarch
99 perl-HTML-Tagset-3.20-4.el6.noarch
100 perl-XML-Simple-2.18-6.el6.noarch
101 libstdc++-4.4.7-23.el6.x86_64
102 perl-Net-SCP-Expect-0.16-1.el6.rf.noarch
103 kernel-2.6.32-754.30.2.el6.x86_64
104 iptables-1.4.7-19.el6.x86_64
105 munin-apache-2.0.54-1.el6.noarch
106 ca-certificates-2019.2.32-65.1.el6_10.noarch
107 hal-info-20090716-5.el6.noarch
108 elfutils-0.164-2.el6.x86_64
109 shared-mime-info-0.70-6.el6.x86_64
110 lwl-module-apache-common-beanutils-1.9.4-3.noarch
111 xdelta-1.1.4-8.el6.x86_64
112 sudo-1.8.6p3-29.el6_10.3.x86_64
113 wireshark-1.8.10-25.el6.x86_64
114 tnt-decode-1.0.0-68385.x86_64
115 lwl-config-utils-1.0.0-75989.noarch
116 dracut-kernel-004-411.el6.noarch
117 lwl-ssl-cert-1.0.0-75148.noarch
118 acl-2.2.49-7.el6_9.1.x86_64
119 make-3.81-23.el6.x86_64
120 tnt-identity-common-backend-2.0.4-76022.noarch
121 device-mapper-1.02.117-12.el6_9.1.x86_64
122 tnt-windows-pdb-6.1.5-3.noarch
123 kpartx-0.4.9-106.el6_10.1.x86_64
124 tnt-nps32-drivers-6.1.5-3.noarch
125 device-mapper-event-1.02.117-12.el6_9.1.x86_64
126 tnt-ubuntu10-drivers-6.1.5-3.noarch
127 tnt-10Zig-drivers-6.1.5-3.noarch
128 rpm-libs-4.8.0-59.el6.x86_64
129 lwl-module-database-partition-postgresql-0.17-1.noarch
130 lvm2-2.02.143-12.el6_9.1.x86_64
131 vs-pushuser-6.1.5-3.x86_64
132 fontconfig-2.8.0-5.el6.x86_64
133 lwl-collector-backend-deps-1.0.0-76084.noarch
134 e2fsprogs-1.41.12-24.el6.x86_64
135 lwl-java-setup-1.6.0-74637.noarch
136 lwl-openssl102-1.0.2u-75999.x86_64
137 libpciaccess-0.13.4-1.el6.x86_64
138 rsyslog-5.8.10-12.el6.x86_64
139 lwl-libxml2-2.9.9-71872.x86_64
140 iptables-ipv6-1.4.7-19.el6.x86_64
```

```
141 tnt-identity-igateway-backend-1.5.1-74641.noarch
142 logrotate-3.7.8-28.el6.x86_64
143 device-mapper-persistent-data-0.6.2-0.2.rc7.el6.x86_64
144 java-1.8.0-openjdk-1.8.0.252.b09-2.el6_10.x86_64
145 lwl-snmp-1.2.3-52390.noarch
146 alsa-lib-1.1.0-4.el6.x86_64
147 fuse-2.8.3-5.el6.x86_64
148 krb5-libs-1.10.3-65.el6.x86_64
149 lwl-diag-common-1.0.0-72223.noarch
150 tnt-policy-common-2.7.1-71683.noarch
151 vmware-tools-repo-RHEL6-10.0.9-1.el6.x86_64
152 gpg-pubkey-6b8d79e6-3f49313d
153 openscap-1.2.13-2.el6.x86_64
154 busybox-1.15.1-21.el6_6.x86_64
155 mailcap-2.1.31-2.el6.noarch
156 perl-DBD-Pg-2.15.1-4.el6_3.x86_64
157 basesystem-10.0-4.el6.noarch
158 gpgme-1.1.8-3.el6.x86_64
159 libX11-common-1.6.4-3.el6.noarch
160 libuuid-2.17.2-12.28.el6_9.2.x86_64
161 util-linux-ng-2.17.2-12.28.el6_9.2.x86_64
162 bash-4.1.2-48.el6.x86_64
163 wget-1.12-10.el6.x86_64
164 libcap-2.16-5.5.el6.x86_64
165 plymouth-core-libs-0.8.3-29.el6.centos.x86_64
166 info-4.13a-8.el6.x86_64
167 db4-4.7.25-22.el6.x86_64
168 bzip2-libs-1.0.5-7.el6_0.x86_64
169 python-urlgrabber-3.9.1-11.el6.noarch
170 libacl-2.2.49-7.el6_9.1.x86_64
171 pypgm-0.1-18.20090824bzr68.el6.x86_64
172 python-ethtool-0.6-6.el6.x86_64
173 libxml2-2.7.6-21.el6_8.1.x86_64
174 gdb-7.2-92.el6.x86_64
175 nspr-4.21.0-1.el6_10.x86_64
176 python-iniparse-0.3.1-2.1.el6.noarch
177 libselinux-2.0.94-7.el6.x86_64
178 sed-4.2.1-10.el6.x86_64
179 slang-2.2.1-1.el6.x86_64
180 grep-2.20-6.el6.x86_64
181 newt-python-0.52.11-4.el6.x86_64
182 libgpg-error-1.7-4.el6.x86_64
183 ustr-1.0.4-9.1.el6.x86_64
```

184 libgcrypt-1.4.5-12.el6_8.x86_64
185 shadow-utils-4.1.5.1-5.el6.x86_64
186 findutils-4.4.2-9.el6.x86_64
187 tnt-libperlnt-1.5.0-65269.noarch
188 lua-5.1.4-4.1.el6.x86_64
189 lwl-module-guava-28.2-2.noarch
190 screen-4.0.3-19.el6.x86_64
191 lwl-module-bouncycastle-1.64-3.noarch
192 ConsoleKit-libs-0.4.1-6.el6.x86_64
193 lwl-module-apache-common-codec-1.14-1.noarch
194 vmware-tools-foundation-10.3.22-1.el6.x86_64
195 ConsoleKit-0.4.1-6.el6.x86_64
196 apr-util-1.3.9-3.el6_0.1.x86_64
197 postgresql11-libs-11.8-1PGDG.rhel6.x86_64
198 policycoreutils-2.0.83-30.1.el6_8.x86_64
199 libidn-1.18-2.el6.x86_64
200 vmware-tools-guestlib-10.3.22-1.el6.x86_64
201 libcap-ng-0.6.4-3.el6_0.1.x86_64
202 vmware-tools-services-10.3.22-1.el6.x86_64
203 iutils-20071127-24.el6.x86_64
204 libXcursor-1.1.14-2.1.el6.x86_64
205 lwl-module-vms-model-0.33-1.noarch
206 vmware-tools-plugins-powerOps-10.3.22-1.el6.x86_64
207 cpio-2.10-13.el6.x86_64
208 lwl-module-tnt-common-java-1.4-1.noarch
209 diffutils-2.8.1-28.el6.x86_64
210 runit-2.1.1-69112.x86_64
211 avahi-libs-0.6.25-17.el6.x86_64
212 lwl-module-json-provider-gson-0.11-1.noarch
213 epel-release-6-8.noarch
214 atk-1.30.0-1.el6.x86_64
215 lwl-module-domain-model-0.15-1.noarch
216 parted-2.1-29.el6.x86_64
217 lwl-module-urldetails-model-0.4-1.noarch
218 pkgconfig-0.23-9.1.el6.x86_64
219 elfutils-libs-0.164-2.el6.x86_64
220 lwl-module-apache-common-http-client-4.5.9-1.noarch
221 xz-lzma-compat-4.999.9-0.5.beta.20091007git.el6.x86_64
222 chkrootkit-0.49-9.el6.x86_64
223 lwl-module-hardware-profile-converter-0.8-1.noarch
224 libxslt-1.1.26-2.el6_3.1.x86_64
225 libselinux-utils-2.0.94-7.el6.x86_64
226 lwl-module-common-dao-impl-jdbc-0.83-1.noarch

227 cryptsetup-luks-libs-1.2.0-11.el6.x86_64
228 lwl-module-node-dao-0.35-1.noarch
229 lwl-module-database-monitor-postgresql-0.4-1.noarch
230 mdadm-3.3.4-8.el6.x86_64
231 lwl-module-database-datasourceprovider-postgresql-0.13-1.noarch
232 wireless-tools-29-6.el6.x86_64
233 lwl-module-database-dbinfoprovider-simple-0.6-1.noarch
234 gdbm-1.8.0-39.el6.x86_64
235 perl-IPC-ShareLite-0.17-1.el6.rf.x86_64
236 system-config-network-tui-1.6.0.el6.3-4.el6.noarch
237 lwl-module-ung-0.11-1.noarch
238 perl-libs-5.10.1-144.el6.x86_64
239 libXft-2.3.2-1.el6.x86_64
240 conntrack-tools-0.9.13-3.el6.x86_64
241 postfix-2.6.6-8.el6.x86_64
242 lwl-module-apache-common-csv-1.4-1.noarch
243 perl-Module-Pluggable-3.90-144.el6.x86_64
244 crontie-1.4.4-16.el6_8.2.x86_64
245 perl-5.10.1-144.el6.x86_64
246 perl-CGI-3.51-144.el6.x86_64
247 perl-List-MoreUtils-0.22-10.el6.x86_64
248 perl-File-Copy-Recursive-0.38-4.el6.noarch
249 cntlm-0.35.1-4.el6.x86_64
250 lwl-module-fam-0.31-1.noarch
251 perl-Time-HiRes-1.9721-144.el6.x86_64
252 perl-Digest-HMAC-1.01-22.el6.noarch
253 lwl-module-common-rest-api-0.62-1.noarch
254 perl-XML-LibXML-1.70-5.el6.x86_64
255 perl-IO-Compress-Base-2.021-144.el6.x86_64
256 lwl-module-node-dao-impl-jdbc-0.65-1.noarch
257 pth-2.0.7-9.3.el6.x86_64
258 lwl-module-datastore-dao-impl-jdbc-0.25-1.noarch
259 libaio-0.3.107-10.el6.x86_64
260 p11-kit-0.18.5-2.el6_5.2.x86_64
261 libmnl-1.0.2-3.el6.x86_64
262 libjpeg-turbo-1.2.1-3.el6_5.x86_64
263 tcl-8.5.7-6.el6.x86_64
264 lm_sensors-libs-3.1.1-17.el6.x86_64
265 net-snmp-libs-5.5-60.el6_10.1.x86_64
266 numactl-2.0.9-2.el6.x86_64
267 libSM-1.2.1-2.el6.x86_64
268 libXau-1.0.6-4.el6.x86_64
269 libX11-1.6.4-3.el6.x86_64

270 perl-Compress-Zlib-2.021-144.el6.x86_64
271 libXi-1.7.8-1.el6.x86_64
272 glibc-common-2.12-1.212.el6_10.3.x86_64
273 perl-Mail-Sendmail-0.79-12.el6.noarch
274 openssh-clients-5.3p1-124.el6_10.x86_64
275 perl-Convert-UU-0.5201-1.el6.rf.noarch
276 clamav-0.100.3-1.el6.x86_64
277 sharutils-4.7-6.1.el6.x86_64
278 perl-Date-Manip-6.24-1.el6.noarch
279 cups-libs-1.4.2-81.el6_10.x86_64
280 perl-Class-Singleton-1.4-6.el6.noarch
281 perl-Crypt-DES-2.05-9.el6.x86_64
282 centos-release-6-10.el6.centos.12.3.x86_64
283 perl-IO-Multiplex-1.13-1.el6.rf.noarch
284 perl-Expect-1.21-3.el6.noarch
285 curl-7.19.7-54.el6_10.x86_64
286 perl-HTML-Parser-3.64-2.el6.x86_64
287 nss-softokn-3.44.0-6.el6_10.x86_64
288 perl-XML-Parser-2.36-7.el6.x86_64
289 libcom_err-1.41.12-24.el6.x86_64
290 perl-Net-IPv4Addr-0.10-6.el6.noarch
291 net-snmp-5.5-60.el6_10.1.x86_64
292 munin-common-2.0.54-1.el6.noarch
293 perl-Net-IPv6Addr-0.2-6.el6.noarch
294 kernel-firmware-2.6.32-754.30.2.el6.noarch
295 munin-2.0.54-1.el6.noarch
296 libXfont-1.5.1-2.el6.x86_64
297 iproute-2.6.32-57.el6.x86_64
298 tmpwatch-2.9.16-6.el6.x86_64
299 freetype-2.3.11-19.el6_10.x86_64
300 upstart-0.6.5-17.el6.x86_64
301 iw-4.1-1.el6.x86_64
302 gmp-4.3.1-13.el6.x86_64
303 coreutils-8.4-47.el6.x86_64
304 dbus-glib-0.86-6.el6.x86_64
305 grubby-7.0.15-7.el6.x86_64
306 ttmkfd-3.0.9-32.1.el6.x86_64
307 libsmi-0.4.8-4.el6.x86_64
308 net-tools-1.60-114.el6.x86_64
309 lwl-station-config-1.0.3-75092.noarch
310 tar-1.23-15.el6_8.x86_64
311 bc-1.06.95-1.el6.x86_64
312 snappy-1.1.0-1.el6.x86_64

313 unzip-6.0-5.el6.x86_64
314 m4-1.4.13-5.el6.x86_64
315 squashfs-tools-4.0-5.el6.x86_64
316 device-mapper-libs-1.02.117-12.el6_9.1.x86_64
317 dash-0.5.5.1-4.el6.x86_64
318 lwl-httdp24-2.4.43-76001.x86_64
319 ncurses-5.7-4.20090207.el6.x86_64
320 less-436-13.el6.x86_64
321 device-mapper-multipath-libs-0.4.9-106.el6_10.1.x86_64
322 gzip-1.3.12-24.el6.x86_64
323 dhcp-common-4.1.1-63.P1.el6.centos.x86_64
324 cracklib-dicts-2.8.16-4.el6.x86_64
325 pam-1.1.1-24.el6.x86_64
326 plymouth-scripts-0.8.3-29.el6.centos.x86_64
327 lwl-console-2.0.0-76092.noarch
328 xorg-x11-fonts-Type1-7.2-11.el6.noarch
329 gpg-pubkey-baadae52-49beffa4
330 hmaccalc-0.9.12-2.el6.x86_64
331 audit-2.4.5-6.el6.x86_64
332 tnt-tools-1.5.5-73504.x86_64
333 lwl-module-postgresql-jdbc-42.5-1.noarch
334 java-1.8.0-openjdk-headless-1.8.0.252.b09-2.el6_10.x86_64
335 perl-Net-Server-2.007-2.el6.noarch
336 redhat-rpm-config-9.0.3-51.el6.centos.noarch
337 keyutils-libs-1.4-5.el6.x86_64
338 libnnghttp2-1.6.0-1.el6.1.x86_64
339 lwl-modsecurity29-2.9.3-1.x86_64
340 fipscheck-1.2.0-7.el6.x86_64
341 openldap-2.4.40-16.el6.x86_64
342 libuser-0.56.13-8.el6_7.x86_64
343 ntp-4.2.6p5-15.el6.centos.x86_64
344 rootfiles-8.1-6.1.el6.noarch
345 lwl-munin-1.0.0-72053.noarch
346 gpg-pubkey-d0ff3d16-4e0fd442
347 gpg-pubkey-ef1d6db8-4e0fd7f0
348 gpg-pubkey-c432455b-4f35848d
349 libssh2-1.4.2-3.el6_10.1.x86_64
350 lwl-module-eventbus-0.27-1.noarch
351 lwl-module-jasypt-1.9.3-2.noarch
352 tnt-policy-2.7.1-71683.noarch
353 nss-3.44.0-7.el6_10.x86_64
354 lwl-jce-policy-1.1.0-67842.noarch
355 postgresql-jdbc-42.1.4-1.rhel6.noarch

356 lwl-apr17-1.7.0-73858.x86_64
357 sysstat-9.0.4-33el6_9.1.x86_64
358 lwl-station-munin-1.0.0-67979.noarch
359 vmware-tools-plugins-vix-10.3.22-1.el6.x86_64
360 vmware-tools-plugins-hgfsServer-10.3.22-1.el6.x86_64
361 vmware-tools-plugins-timeSync-10.3.22-1.el6.x86_64
362 vmware-tools-vgauth-10.3.22-1.el6.x86_64
363 postgresql96-server-9.6.18-1PGDG.rhel6.x86_64
364 kmod-vmware-tools-vmci-9.8.2.0-2.6.32.71.el6.x86_64.10.el6.x86_64
365 kmod-vmware-tools-vmxnet-2.1.0.0-2.6.32.71.el6.x86_64.10.el6.x86_64
366 lksctp-tools-1.0.10-7.el6.x86_64
367 gdk-pixbuf2-2.24.1-6.el6_7.x86_64
368 elrepo-release-6-9.el6.elrepo.noarch
369 pg_partman96-4.4.0-1.rhel6.x86_64
370 vmware-tools-vmxnet-common-10.3.22-10.el6.x86_64
371 libXrandr-1.5.1-1.el6.x86_64
372 vmware-tools-vmci-common-10.3.22-10.el6.x86_64
373 gnutls-2.12.23-22.el6.x86_64
374 gtk2-2.24.23-9.el6.x86_64
375 tzdata-2020a-1.el6.noarch
376 perl-XML-RegExp-0.03-7.el6.noarch
377 perl-String-CRC32-1.4-9.el6.x86_64
378 nss-tools-3.44.0-7.el6_10.x86_64
379 perl-MailTools-2.04-4.el6.noarch
380 pixman-0.32.8-1.el6.x86_64
381 pango-1.28.1-11.el6.x86_64
382 lwl-module-urldetails-dao-impl-jdbc-0.8-1.noarch
383 fontpackages-filesystem-1.41-1.1.el6.noarch
384 json-c-0.11-13.el6.x86_64
385 libudev-147-2.74.el6_10.x86_64
386 binutils-2.20.51.0.2-5.48.el6_10.1.x86_64
387 lwl-common-identity-osgi-modules-1.0.1-1.noarch
388 dejavu-lgc-sans-mono-fonts-2.33-1.el6.noarch
389 lwl-module-stratusphere-database-config-0.27-1.noarch
390 rrdtool-1.3.8-10.el6.x86_64
391 perl-IO-Socket-INET6-2.56-4.el6.noarch
392 lwl-common-osgi-modules-1.0.5-4.noarch
393 perl-MIME-Lite-3.027-2.el6.noarch
394 giflib-4.1.6-3.1.el6.x86_64
395 perl-Log-Dispatch-2.27-1.el6.noarch
396 perl-Log-Log4perl-1.30-1.el6.noarch
397 libevent-1.4.13-4.el6.x86_64
398 procps-3.2.8-45.el6_9.3.x86_64

399 perl-Error-0.17015-4.el6.noarch
400 fakeroot-1.12.2-22.2.el6.x86_64
401 openscap-utils-1.2.13-2.el6.x86_64
402 ldns-1.6.16-7.el6.2.x86_64
403 kbd-misc-1.15-11.el6.noarch
404 lwl-module-quartz-2.3.2-1.noarch
405 tnt-igateway-health-1.2.0-68349.noarch
406 tnt-kernel-modules-1.15.0-75852_2.6.32_754.30.2.el6.x86_64
407 hal-0.5.14-14.el6.x86_64
408 yum-plugin-fastestmirror-1.1.30-42.el6_10.noarch
409 lwl-apache-jakarta-tomcat-9.0.36-75857.noarch
410 tnt-base-4.0.1-62018.noarch
411 tnt-netaudit-1.8.0-56535.x86_64
412 tnt-identity-common-java-deps-3.3.1-75924.noarch
413 libreswan-3.15-9.el6_10.x86_64
414 dracut-004-411.el6.noarch
415 lwl-collector-1.0.0-68397.noarch
416 tnt-identity-common-java-3.3.6-75924.noarch
417 python-libs-2.6.6-68.el6_10.x86_64
418 lwl-module-database-config-0.148-2.noarch
419 tnt-iptables-2.8.1-57924.x86_64
420 selinux-policy-3.7.19-312.el6.noarch
421 device-mapper-event-libs-1.02.117-12.el6_9.1.x86_64
422 prelink-0.4.6-3.1.el6_4.x86_64
423 lwl-httpd-config-1.0.2-76007.noarch
424 tnt-rhel4-drivers-6.1.5-3.noarch
425 perl-Net-CIDR-0.20-1.el6.noarch
426 lvm2-libs-2.02.143-12.el6_9.1.x86_64
427 tnt-igel-drivers-6.1.5-3.noarch
428 tnt-stratodesk-drivers-6.1.5-3.noarch
429 tnt-centos6-drivers-6.1.5-3.noarch
430 rpm-4.8.0-59.el6.x86_64
431 lwl-keyring-1.0.8-73273.noarch
432 tnt-identity-common-backend-deps-2.0.2-75206.noarch
433 libss-1.41.12-24.el6.x86_64
434 dbus-1.2.24-11.el6_10.x86_64
435 tnt-identity-common-backend-priv-2.0.2-76022.noarch
436 vs-helper-6.1.5-3.x86_64
437 vs-probe-6.1.5-3_centos6_2.6.32_754.6.3.el6.x86_64
438 rpm-build-4.8.0-59.el6.x86_64
439 lwl-collector-backend-1.0.0-76084.noarch
440 rpm-python-4.8.0-59.el6.x86_64
441 tnt-setup-vmware-1.8.2-76086.noarch

442 dracut-fips-004-411.el6.noarch
443 dhclient-4.1.1-63.P1.el6.centos.x86_64
444 irqbalance-1.0.7-9.el6.x86_64
445 kexec-tools-2.0.0-310.el6.x86_64
446 vim-minimal-7.4.629-5.el6_10.2.x86_64
447 gnupg2-2.0.14-9.el6_10.x86_64
448 scap-security-guide-0.1.28-4.el6.noarch
449 java-1.8.0-openjdk-devel-1.8.0.252.b09-2.el6_10.x86_64
450 hwdata-0.233-20.1.el6.noarch
451 system-config-firewall-base-1.2.27-7.2.el6_6.noarch
452 grub-0.97-99.el6.x86_64
453 efibootmgr-0.5.4-15.el6.x86_64
454 attr-2.4.44-7.el6.x86_64
455 ntpdate-4.2.6p5-15.el6.centos.x86_64
456 bridge-utils-1.2-10.el6.x86_64
457 rpmforge-release-0.5.3-1.el6.rf.x86_64
458 setup-2.8.14-23.el6.noarch
459 openscap-scanner-1.2.13-2.el6.x86_64
460 filesystem-2.4.30-3.el6.x86_64
461 gpg-pubkey-c105b9de-4e0fd3a3
462 passwd-0.77-7.el6.x86_64
463 ncurses-base-5.7-4.20090207.el6.x86_64
464 gpg-pubkey-0608b895-4bd22942
465 apr-util-ldap-1.3.9-3.el6_0.1.x86_64
466 lwl-module-apache-common-collections-4.4-2.noarch
467 openssl-perl-1.0.1e-58.el6_10.x86_64
468 perl-WWW-Curl-4.09-4.el6.x86_64
469 libblkid-2.17.2-12.28.el6_9.2.x86_64
470 libevent2-2.0.21-2.el6.x86_64
471 libattr-2.4.44-7.el6.x86_64
472 libffi-3.0.5-3.2.el6.x86_64
473 popt-1.13-7.el6.x86_64
474 python-pycurl-7.19.0-9.el6.x86_64
475 expat-2.0.1-13.el6_8.x86_64
476 gawk-3.1.7-10.el6_7.3.x86_64
477 remi-release-6.5-1.el6.remi.noarch
478 chkconfig-1.3.49.5-1.el6.x86_64
479 newt-0.52.11-4.el6.x86_64
480 libsemanage-2.0.43-5.1.el6.x86_64
481 lwl-module-apache-common-math-3.6.1-2.noarch
482 libutempter-1.1.5-4.1.el6.x86_64
483 libtiff-3.9.4-21.el6_8.x86_64
484 file-libs-5.04-30.el6.x86_64

485 lwl-module-groovy-3.0.2-1.noarch
486 vmware-tools-libraries-nox-10.3.22-1.el6.x86_64
487 lwl-module-gson-2.8.5-1.noarch
488 tcp_wrappers-libs-7.6-58.el6.x86_64
489 vmware-tools-core-10.3.22-1.el6.x86_64
490 plymouth-0.8.3-29.el6.centos.x86_64
491 sqlite-3.6.20-1.el6_7.2.x86_64
492 lwl-module-datastore-dao-0.14-1.noarch
493 which-2.19-6.el6.x86_64
494 vmware-tools-plugins-deployPkg-10.3.22-1.el6.x86_64
495 lwl-module-tnt-identity-common-java-1.6-1.noarch
496 libXcomposite-0.4.3-4.el6.x86_64
497 vmware-tools-plugins-guestInfo-10.3.22-1.el6.x86_64
498 lwl-module-node-model-0.19-1.noarch
499 libnl-1.1.4-2.el6.x86_64
500 lwl-module-json-provider-0.10-1.noarch
501 usermode-1.102-3.el6.x86_64
502 aide-0.14-11.el6.x86_64
503 lwl-module-hardware-profile-converter-vmware-0.4-1.noarch
504 hicolor-icon-theme-0.11-1.1.el6.noarch
505 checkpolicy-2.0.22-1.el6.x86_64
506 vmware-tools-esx-nox-10.3.22-1.el6.x86_64
507 lwl-module-vms-dao-0.36-1.noarch
508 cryptsetup-luks-1.2.0-11.el6.x86_64
509 libfontenc-1.1.2-3.el6.x86_64
510 vmware-tools-esx-kmods-10.3.22-1.el6.x86_64
511 lwl-module-host-dao-0.13-1.noarch
512 crda-3.13_2015.10.22-3.el6.x86_64
513 pcsc-lite-libs-1.5.2-16.el6.x86_64
514 libedit-2.11-4.20080712cvs.1.el6.x86_64
515 libnfnetlink-1.0.0-1.el6.x86_64
516 at-3.1.10-49.el6.x86_64
517 libthai-0.1.12-3.el6.x86_64
518 cyrus-sasl-2.1.23-15.el6_6.2.x86_64
519 perl-version-0.77-144.el6.x86_64
520 lwl-module-database-copy-postgresql-0.15-1.noarch
521 perl-Carp-Always-0.09-2.el6.noarch
522 crontabs-1.10-33.el6.noarch
523 perl-DBI-1.609-4.el6.x86_64
524 perl-MIME-Types-1.28-2.el6.noarch
525 python-psycopg2-2.7.5-1.rhel6.1.x86_64
526 perl-Digest-SHA1-2.12-2.el6.x86_64
527 lwl-module-database-dbinfoprovider-properties-0.10-1.noarch

528 perl-Cache-Memcached-1.28-2.el6.noarch
529 lwl-servicemix-base-6.1.4-8.noarch
530 perl-XML-SAX-0.96-7.el6.noarch
531 yum-utils-1.1.30-42.el6_10.noarch
532 perl-FCGI-0.71-4.el6.x86_64
533 sysvinit-tools-2.87-6.ds1.el6.x86_64
534 lwl-module-vms-dao-impl-jdbc-0.38-1.noarch
535 perl-HTML-Template-2.9-10.el6.noarch
536 zip-3.0-1.el6_7.1.x86_64
537 dmidecode-2.12-7.el6.x86_64
538 dejavu-sans-mono-fonts-2.33-1.el6.noarch
539 expect-5.44.1.15-5.el6_4.x86_64
540 polkit-0.96-11.el6_10.1.x86_64
541 libICE-1.0.6-1.el6.x86_64
542 perl-Socket6-0.23-4.el6.x86_64
543 libxcb-1.12-4.el6.x86_64
544 clamav-db-0.100.3-1.el6.x86_64
545 perl-IO-Compress-Zlib-2.021-144.el6.x86_64
546 perl-Net-IP-1.25-13.el6.noarch
547 lwl-module-stratusphere-inspection-data-reader-0.35-1.noarch
548 perl>Email-Date-Format-1.002-5.el6.noarch
549 libXtst-1.2.3-1.el6.x86_64
550 openssh-5.3p1-124.el6_10.x86_64
551 perl-NetAddr-IP-4.027-7.el6.x86_64
552 perl-Log-Dispatch-FileRotate-1.19-4.el6.noarch
553 nscd-2.12-1.212.el6_10.3.x86_64
554 perl-YAML-Syck-1.07-4.el6.x86_64
555 perl-Cache-Cache-1.06-2.el6.noarch
556 rpmdevtools-7.5-2.el6.noarch
557 perl-DateTime-0.5300-3.el6.x86_64
558 libgcc-4.4.7-23.el6.x86_64
559 perl-IO-Tty-1.08-4.el6.x86_64
560 kbd-1.15-11.el6.x86_64
561 perl-libwww-perl-5.833-5.el6.noarch
562 net-snmp-utils-5.5-60.el6_10.1.x86_64
563 perl-Math-Base85-0.2-6.el6.noarch
564 lwl-module-stratusphere-inspection-data-processor-copy-0.219-1.noarch
565 glib2-2.28.8-10.el6.x86_64
566 munin-node-2.0.54-1.el6.noarch
567 xorg-x11-font-utils-7.2-11.el6.x86_64
568 microcode_ctl-1.17-33.26.el6_10.x86_64
569 libnih-1.0.1-8.el6.x86_64
570 tnt-setup-gateway-1.5.3-68295.noarch

571 pm-utils-1.2.5-11.el6.x86_64
572 gamin-0.1.10-9.el6.x86_64
573 tnt-ipset-6.11-75852.x86_64
574 coreutils-libs-8.4-47.el6.x86_64
575 eggdbus-0.6-3.el6.x86_64
576 initscripts-9.03.61-1.el6.centos.x86_64
577 pinentry-0.7.6-8.el6.x86_64
578 lsof-4.82-5.el6.x86_64
579 lwl-collector-common-1.0.0-68397.noarch
580 python-2.6.6-68.el6_10.x86_64
581 p7zip-9.20.1-2.el5.x86_64
582 db4-utils-4.7.25-22.el6.x86_64
583 libpng-1.2.49-2.el6_7.x86_64
584 mailx-12.4-10.el6_10.x86_64
585 lwl-apr-util16-1.6.1-76004.x86_64
586 groff-1.18.1.4-21.el6.x86_64
587 cracklib-2.8.16-4.el6.x86_64
588 tnt-win32-drivers-6.1.5-3.noarch
589 tnt-centos5-drivers-6.1.5-3.noarch
590 lwl-module-slf4j-1.7.30-1.noarch
591 dbus-libs-1.2.24-11.el6_10.x86_64
592 redhat-logos-60.0.14-12.el6.centos.noarch
593 tnt-osx-drivers-6.1.5-3.noarch
594 e2fsprogs-libs-1.41.12-24.el6.x86_64
595 pciutils-3.1.10-4.el6.x86_64
596 tnt-setup-1.8.2-76086.noarch
597 tnt-release-6.1.5-1_202007131544.noarch
598 device-mapper-multipath-0.4.9-106.el6_10.1.x86_64
599 selinux-policy-targeted-3.7.19-312.el6.noarch
600 yum-3.2.29-81.el6.centos.0.1.noarch
601 apr-1.3.9-5.el6_9.1.x86_64
602 openssl-1.0.1e-58.el6_10.x86_64
603 jpackage-utils-1.7.5-3.16.el6.noarch
604 mingetty-1.08-5.el6.x86_64
605 fipscheck-lib-1.2.0-7.el6.x86_64
606 xfsprogs-3.1.1-20.el6.x86_64