

1: Manuals/ReleaseNotes/CentOS - CentOS Wiki

The Release Notes provide high-level coverage of the improvements and additions that have been implemented in Red Hat Enterprise Linux. For detailed documentation on all changes to Red Hat Enterprise Linux for the update, refer to the Technical Notes.

Since the release of Che 6. Run Che on Kubernetes and deploy it using Helm. Upgrade Che with zero downtime. ClangD Language Server was added. Extended LS capabilities were added for Eclipse Che. Images are pulled in parallel with the new UI. Everything you need to grow your career. With your free Red Hat Developer program membership, unlock our library of cheat sheets and ebooks on next-generation application development. You can get started with Che by using the following links: [Deploy to Kubernetes single-user or multi-user](#). [Deploy to Red Hat OpenShift single-user or multi-user](#). However, with the rise of Kubernetes, we have added OpenShift and native Kubernetes as primary deployment platforms. These changes were related to volume management for workspaces, routing, service creation, and more. We have also recently added Helm charts for deploying Che on Kubernetes. Helm is a popular application template system for deploying container applications on Kubernetes. Helm charts were first included in the 6. Learn more about Che on Kubernetes in the documentation. **Highlighted Issues** See the following pull requests PRs: This was a request from our enterprise users, but it helps teams of all sizes. You can learn more in the documentation. Many thanks to Hanno Kolvenbach from Silexica for the contribution of this feature.

2: Bug “ RHEL release notes point to a rpm that exists only in RHEL 7

The Release Notes provide high-level coverage of the improvements and additions that have been implemented in Red Hat Enterprise Linux and document known problems in this release. For information about notable bug fixes, Technology Previews, deprecated functionality, and other details, refer to the Technical Notes.

Installation and Upgrade Issues User Interface screens appear blank or with old components after an upgrade. If customers do not clean the browser cache after an upgrade, user interface screens might appear blank or display old components due to conflicts with the current browser cache. Clean the browser cache after upgrading. Upgrade endpoint operations agent after upgrading the product. Customers must upgrade the vRealize Operations product to 6. Customers should consult KB and KB before starting to upgrade. Default policy setting may disable some containers. The default policy setting does not enable the memory "Demand" and "Allocation" containers at installation. To enable these containers, do one of these two steps: Disable the memory "Consuming" container in the default policy and enable memory "Demand" and "Allocation" containers. The "Reset default content" checkbox in the "Select Software Update" section does not work correctly. Customers who are upgrading to 6. Pay attention to upper right corner. When HA is disabled, the entitlement is equal to the hardware provisioned capacity of the cluster. When HA is enabled, the entitlement is equal to the sum of the cluster overhead and the currently computed HA capacity, minus the HA reservation. Although the workload calculations for cluster objects are based on entitlement, the workload calculations for data center and custom data center objects are based on provisioned capacity. As a result, the workloads for data center and custom data center objects are not calculated correctly when HA is enabled, and do not match the workload calculations for cluster objects. Some object alerts not enabled after upgrading to the current release of vRealize Operations Manager. After users upgrade to version 6. Choose one of the following: Enable hardening guide alerts from the adapter configuration. Go to the policy library, edit the active policy to enable alerts for these three objects. The compliance score for a selected object displays the violated native compliance rules in the Compliance tab, which results in an incorrect compliance badge score. Disable the native compliance alerts with these steps: Edit the policy applied to the objects and disable the native compliance alerts. Watchdog might restart Tomcat If there are multiple agents registered to a master node directly, then Watchdog might restart Tomcat whenever there is a need, where UI runs on it. There is, however, no such implication on the product or the cluster. Register agents to remote collector or a load balancer instead of to a Master node. Removal of directories might affect upgrade In some cases, users have manually removed vRealize Operations Manager directories, such as directories where logs are stored. If the directories are missing, the upgrade might fail by preventing vRealize Operations Manager services from starting, or in other unpredictable ways. Do not manually remove vRealize Operations Manager directories. It might be unclear that an update has failed If a customer reboots a node or kills some active processes during a software update, the update process continues to show that the update is still underway even though it has failed. The issue is applicable for both newly deployed and upgraded vCenter Servers. When users perform the Delete Unused Snapshots for VM action through vRealize Operations Manager, and the snapshot removal process lasts for more than seconds, the status of this actions appears as failed. However, the snapshot removal process continues to progress to completion on vCenter Server. When a vRealize Automation adapter instance is removed or deleted, the relationships that the adapter built between the vCenter cluster compute resource managed by vRealize Automation and the managed resource entities are not deleted. Manually delete the relationship between vCenter clusters managed by the particular vRealize Automation adapter instance and the managed resource entity. The Log tab might not launch the vRealize Log Insight user interface to display logs for all objects. The Log tab displays log information for only those object types that have their launch configs defined in the describe. For object types that are not defined in the adapter, the Log tab displays an error message similar to the following: This vROps is not integrated with a Log Insight yet. The View Logs action in the action list of such an object, will lead you to its logs in Log Insight The License is invalid message appears when you view individual VM stats When you view individual VM stats in vRealize Operations

Manager, the License is invalid message might appear in the background. Assign license key to the group and refresh license usage. PDF reports generated from the Log Insight dashboard display a login screen image. When you generate PDF reports with the Log Insight dashboard, the PDF report file instead of displaying dashboard related content, always shows login screen image. If you add more than one instance of vRealize Business for Cloud, only data from the first instance of vRealize Business for Cloud is displayed on the Business Management tab. Only add one vRealize Business instance. You cannot use other deployment scenarios of vRealize Business for Cloud. When using Internet Explorer 11 to access the Log Insight and Business Management tab pages and dashboards, the data is blocked. When using Internet Explorer 11 to access the new Log Insight and Business Management tab pages and dashboards, the data is blocked and the page remains blank. Use the Firefox or Chrome browser. Log Insight agent hostname reset to default localhost after upgrading. The Log Insight agent hostname configuration will be reset to the default localhost after upgrading. Compliance badge score incorrect. Compliance badge score is for all objects even when compliance alerts are not enabled. By default, the scores should be "?". As a result, the process to create a custom group in vRealize Operations Manager with objects discovered by these adapters fails with an exception error. This currently applies to several vRealize Operations Manager management packs. To work around the problem, see KB . A CSV report file does not include data from a "Dashboard" data type. When you generate a report that contains a dashboard, the downloaded CSV file includes data of the "Views" data type only. The vCenter Solution for Endpoint Operations installation fails when the vRealize Operations Manager inventory has objects discovered by previous versions of the vCenter Solution for Endpoint Operations. If you have any object collected from earlier version of the vCenter Solution for Endpoint Operations, then ensure that the objects are removed before you install or upgrade to the latest version of the vCenter Solution for Endpoint Operations. Stop the collection of all objects or resources that are discovered by the earlier vCenter Solution for Endpoint Operations. Delete all the stopped objects. Install the latest vCenter Solution for Endpoint Operations. By removing the objects, you will lose historical data from the vCenter Solution for Endpoint Operations and vCenter application objects history. Generated reports may be blank. If you log in to vRealize Operations Manager with vCenter Server credentials and generate a report, the generated report is always blank. However, the VVOL datastores are included in the count. Rebalance Container action continues to recommend the same rebalance plan after failure. When a Rebalance Container action fails, and vCenter Server indicates that the operation is not allowed in the current state, the rebalance container action recommends the same rebalance plan. Correct the problem in your environment, then attempt to run the Rebalance Container action again. Maintenance schedules no longer assigned after upgrade. Maintenance schedules are disassociated from a policy after an upgrade from version 6. Update the policy manually after an upgrade. For more information about managing policies, see Policies. Although the custom profile indicates that a number of virtual machines will fit on the host, you cannot power-on virtual machines deployed in failover hosts. None Alert Details summary links below the top link do not link to objects. When you view the alert details for an alert that has received symptoms from many objects, such as an alert on a host that has symptoms from virtual machine child objects, and then you expand the drop-down arrow for the alert cause, you can see the list of symptoms. Because the alert is generated with symptoms received from many objects, you see a list of links to those objects with relevant symptom descriptions. The links to the objects located below the first object do not work. This problem is relevant for all browsers, except for Internet Explorer. Manually find the object you need. For example, use the global search text box in the top toolbar to search for the object. Virtual Machines will not Power On, even though vRealize Operations Manager reports capacity remaining. In cases where one virtual machine is larger than the others in the cluster, the size discrepancy from this single virtual machine can result in vRealize Operations Manager reporting that there is capacity and time remaining, yet Admission control in vSphere will not allow the virtual machines to be powered on. Determine the slot size and then increase the buffer threshold using policies. See KB for more information about this issue and how to manually calculate the slot size. Some symptoms for metrics are not canceled for objects in an unknown or no-data-received state. When vRealize Operations Manager stops collecting new values for a metric, vRealize Operations Manager cancels symptoms when the last collected

value of a metric becomes stale. In some cases, a symptom is not canceled. When an adapter is stopped, vRealize Operations Manager stops processing its objects, including the cancellation of stale symptoms. When a vCenter Server instance is deleted and the adapter instance is not deleted, vRealize Operations Manager stops processing its objects, including the cancellation of stale symptoms. None The configuration for the content pack for Log Insight is overwritten When you change the configuration details in the loginsight-agent file or from the user interface of vRealize Operations Manager, the configuration for the content pack for Log Insight is modified or overwritten. The ports from to might be reset and the protocol changes to syslog instead of cfapi. Disable the remote logging option from the vRealize Operations Manager user interface before you modify the loginsight-agent file. Do not save the changes again from the user interface when you use the content pack for Log Insight. Permission denied to access property"timeStamp" might appear. There is no impact of this error on the cluster. This is an user interface issue. The filter menus in Policies workspace step Collect Metrics and Properties do not work correctly When you deselect an option from the State, KPI, or DT drop-down menus, the filter hides all attributes no matter of their settings. Save and reopen the policy. A PDF report file might not include all data from a widget that has a scrollbar When you generate a report that contains a custom dashboard with a widget that has a scrollbar, the downloaded PDF file might not include all data of the widget. Increase the height of the widget in the dashboard to fit all the data. The user interface is responding slowly Metrics are slow to be displayed Workaround: Determine the areas of the environment in which the latency is greater than 20 milliseconds and install a remote collector in those areas.

3: vSphere Command-Line Interface Release Notes

Eclipse Che is here, and since the release of Che , the community has added a number of new capabilities. In this article, learn about new features and how to get started using Che with Kubernetes, Red Hat OpenShift, and Docker.

Resolved in Horizon Client 3. Workaround for previous releases: For instructions, see the Microsoft KB at <http://> If using this KB does not solve the problem, see <http://> Horizon Client for Linux 3. After compiling and installing openssl 1. This issue has been resolved. Previously, on Ubuntu Previously, after you installed Horizon Client, you could not change the language used by the operating system on the client machine. The Language Support app in system settings would not start. Previously, if you used Horizon Client with a Ubuntu Previously, the copy and paste feature did not work on Linux systems with ARM processors. The issue involves a privilege escalation leveraging glibc. To mitigate this issue, partners and customers are advised to update the Linux operating system as follows: For Ubuntu refer to <http://> For RHEL refer to <https://> For SLES refer to <http://> For CentOS refer to <http://> When you run the Horizon Client installer, the scan check will always return success for the client compatibility component. To get an accurate compatibility check, you must manually run the following command: The scan check for these components returns accurate results. In some versions of Linux, including CentOS 6. If multiple Horizon clients connect to the same RDS desktop or remote application simultaneously and map to a location-based printer with the same name, the printer appears in the first client session, but not in later client sessions. For the client sessions in which the printer does not appear, perform a manual refresh. For a remote desktop, press F5 or refresh the Devices and Printers window. For a remote application, close and reopen the application print dialog box. The location-based printer appears in the printer list. Virtual printing might not work if you connect to a remote desktop using RDP, open Horizon Client on the remote desktop, launch a nested application session, and then log off and log back in to the desktop. When you try to print from the nested application, the expected printer list might not appear. This issue only occurs after you log back in to the desktop. Reset the application on the remote desktop. To avoid having to set applications, use PCoIP for both ends of the session-in-session connection. If you use a FreeRDP connection and specify a monitor configuration that conflicts with the configuration the end user chooses, Horizon Client performance becomes poor and the client might stop responding altogether. For example, the following command for launching Horizon Client would cause problems if the user selected "Full Screen - This Monitor": Instead, let Horizon Client control the topology. If you use FreeRDP to connect to a Windows XP or Vista remote desktop, and the client system uses multiple monitors with a combined screen resolution that is larger than the maximum resolution set for the remote desktop, you will not be able to see the Start menu or taskbar in the remote desktop. For example, if the client system uses two monitors with a screen resolution of x each, this issue occurs. If your client system is running pcsd version 1. Stop the pcsd service or update the version of pcsd to 1. If you use a PulseAudio sound system, you might hear static when setting the volume using guest system volume slider. If you connect to a View desktop with FreeRDP and configure the desktop to connect to a separate disk, if the disk name includes non-ASCII characters, the disk name cannot be displayed correctly in the View desktop. If you use Horizon Client with a Ubuntu Update to the latest patch release of Ubuntu

4: VMware vCenter Converter Standalone Release Notes

Welcome to the CentOS release. CentOS is an Enterprise-class Linux Distribution derived from sources freely provided to the public by Red Hat 1. CentOS conforms fully with Red Hat's redistribution policy and aims to be functionally compatible.

Uninstall View Agent 6. When you install View Agent and you are prompted to restart the system, check the system tray to see if the USB HUB device driver software is still being installed. Wait until the device driver software is completely installed typically about 30 seconds before you restart the system. If you use a command-line script to install View Agent silently, make sure to wait or sleep the script for long enough to allow the driver installation to complete before you restart the system. If you encounter this issue after View Agent is installed, or you could not delay the system restart during a silent installation, update the USB HUB device driver by taking these steps: To upgrade a desktop from Windows 8 to Windows 8. Alternatively, you can perform a fresh installation of Windows 8. If you upgrade to vSphere 5. USB redirection fails in linked-clone images after you upgrade the master image from View Agent 5. This issue does not occur if you upgrade from View Agent 5. USB redirection fails in linked-clone images after you upgrade to View Agent 5. When you run the View Agent installer on a Windows 8 virtual machine, the Windows desktop appears black when the video driver is being installed. The Windows desktop might appear black for several minutes before the installation completes successfully. Apply the Windows 8. See Microsoft KB article [When you run any View installer on a Windows 8](#). Verify that the domain controllers have the latest patches, enough free disk space, and can communicate with each other. When you uninstall View Agent from an RDS host, an error dialog can be displayed, which prevents the uninstall operation from being completed. The dialog states that the uninstall operation failed to stop an RDS video driver. This issue can occur when disconnected desktop sessions are still running on the RDS host. On the Windows Server parent virtual machine, apply the Microsoft hotfix available at <https://support.microsoft.com/kb/2875343>: When multiple connections are made consecutively to a single RDS host, a few users for example, one or two of users might not be able to start or restart RDS desktop sessions. The first connection to an RDS desktop or application fails if it has been more than days since the RDS role was configured on the RDS host, and no previous connection was made. This issue also occurs with RDP. Wait a few seconds and connect to the RDS desktop or application again. View Agent cannot install the virtual printing feature on RDS hosts that are physical machines. This is a known third-party issue. For example, black boxes might pop up in the browser window. If you play a video in a desktop running on a Windows R2 SP1 physical RDS host, and you move the video display from the main monitor to another monitor, the video stops playing or the visual frames stop updating although the audio might continue to play. Wait for the first application to become responsive. For example, an application might be unresponsive while large files are being loaded. If the first application continues to be unresponsive, terminate the application process on the RDS virtual machine. The application Lync that does not have the February, update and is hosted on an RDS host running Windows Server R2 will crash shortly after launch with the error message "Microsoft Lync has stopped working. Apply the February, update of Lync. The update is available at Microsoft KB article [Access Point In Access Point 2](#). If you use smart card authentication, smart cards are required. Setting smart cards to be optional does not work. If Access Point is configured to use smart card authentication and you also set an idle session timeout for View Connection Server, then after the idle session timeout period elapses, you can no longer log in again. For example, if the idle session timeout is set to 3 minutes and you leave the session idle for more than 3 minutes, when the session timeout dialog box appears and you click "Continue," you are prompted to enter Active Directory credentials rather than a smart card PIN. Even if you enter AD credentials, the status displays "Authenticating If you plan to use smart card authentication, do not configure an idle session timeout. Smart card authentication does not work if you use View Administrator to configure a pre-login message. If a pre-login message is configured in View Administrator, when you log in using smart card authentication and you are prompted to confirm the pre-login message, after you confirm the message, the pre-login message reappears. If you plan to use smart card authentication, do not configure a pre-login

message. If you enter multiple addresses, DNS resolution will not work. This issue occurs only with Firefox. This is a 3rd-party issue. Use a different browser. If you still want to use Firefox, input Korean characters one by one. Changing the log level from Debug to Info works properly. If you attempt to implement certain options in this group policy setting, unexpected results might occur in your View deployment. Do not use this setting in this release of View. Horizon Client returns the error message The Display protocol for this desktop is currently not available. Please contact your system administrator. The help text for the group policies incorrectly states that the port range is 0 through The default port range that is set by the Remote Desktop Service is large enough to accommodate the expected maximum of concurrent user connections. PCoIP on single-user machines: Set the retry port range to a value between 1 and The correct port range is 1 through Disconnect and reconnect to the desktop, or upgrade the Linux client to version 3. On desktops that connect using PCoIP and are configured with multiple monitors, if a user plays a slide show in Microsoft PowerPoint or , specifies a resolution, and plays the slides on the second monitor, part of each slide appears on each monitor. On the host client system, resize the screen resolution on the second monitor to the desired resolution. Return to the View desktop and start the slide show on the second monitor. On desktops that connect using PCoIP, if users play slides in Microsoft PowerPoint or and specify a resolution, the slides are played at that chosen resolution and are not scaled to the current resolution. Choose "Use current resolution" as the playback resolution. The virtual printing feature is supported only when you install it from View Agent. It is not supported if you install it with VMware Tools. For Windows R2 SP1 desktop pools hosted on an RDS host, the language sync setting from client to guest is turned on by default and cannot be turned off. The remote desktop language always synchronizes with the language used on the client system. Horizon 6 for Linux Desktops If you disconnect from a Linux desktop before the guest operating system has completed the log-in process, View Agent for Linux waits at least five minutes before logging off, even if the desktop pool setting, Automatically logoff after disconnect, is set to Immediately or to a waiting time that is less than five minutes. Disconnect from the Linux desktop after the log-in process is completed. Press the ESC key. Disconnect from View Connection Server and reconnect, then manually lock and unlock the desktop. If you configure two monitors with different resolutions, and the resolution of the primary screen is lower than that of the secondary screen, you might not be able to move the mouse or drag application windows to certain areas of the screen. Configuring four monitors at x resolution on RHEL 6. Use x resolution or deploy this configuration in vSphere 5. If you configure two or more monitors at x resolution on RHEL 6. For example, application windows do not move smoothly. None Windows Media MMR does not perform ideally on certain graphics cards, such as certain AMD models, which have slow video memory read back performance. None If you switch browser tabs while playing a redirected video in Internet Explorer, part of the video window continues to be displayed behind or next to the browser window. This issue only occurs on Windows 7 desktops. Alternatively, do not switch to another tab while a redirected video is playing. This issue does not occur with 2D, software 3D Rendering, or monitors with x resolution. Reconnect to the session at a resolution of x or greater. Remove the NVIDIA drivers from the virtual machine before you take a snapshot or make a template and deploy the desktop pool. This issue does not occur on Windows 8. This issue does not occur on Windows 7 desktops. Make sure your end users do not use 3D screensavers, or enable the 3D Renderer setting for the desktop pool. This issue is less acute on Windows clients than other clients. On Windows 7 client machines, Horizon Client exits when the smart card removal policy is triggered. Client Drive Redirection When using client drive redirection CDR or file association with the secure tunnel enabled, you might encounter performance issues when transferring CDR data between Horizon Clients and remote desktop machines. File association is the ability to open local files with a remote application. Amend your acceptance policies to remove the following GCM-based cipher suites: For instructions, see the VMware KB article, Using client drive redirection or file association with the secure tunnel enabled might have performance issues The drives are not shared and do not appear in the remote desktop. This issue does not occur if you do not install the Client Drive Redirection option when you install View Agent. Use another scan application on Windows 10 desktops or change to another desktop platform. Selecting the Scanner Redirection setup option with View Agent installation can significantly affect the host consolidation ratio.

5: Bug “No /etc/sysconfig/iptables after RHEL minimal install

The Red Hat Enterprise Linux Release Notes documents the major changes made to the Red Hat Enterprise Linux 6 operating system and its accompanying applications for this minor release.

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a large number of multipath devices. The `dm-era` functionality keeps track of which blocks on a device were written within user-defined periods of time called an era. This functionality allows backup software to track changed blocks or restore the coherency of a cache after reverting changes. Clustering Chapter 6. Clustering keepalived Fully Supported The keepalived package is now fully supported. The keepalived package provides simple and robust facilities for load-balancing and high-availability. The load-balancing framework relies on the wellknown and widely used Linux Virtual Server kernel module providing Layer4 network load-balancing. The keepalived daemon implements a set of health checkers to load-balanced server pools according to their state. As a consequence, the new version cannot be mixed with older versions running in parallel in the same cluster. To update CTD B in an existing cluster, CTD B must be stopped on all nodes in the cluster before the upgrade starts, and the nodes can then be updated one by one and started again. Industry Standards and Certification Chapter 8. The standard provides four increasing, qualitative levels of security: Level 1, Level 2, Level 3, and Level 4. These levels are intended to cover the wide range of potential applications and environments in which cryptographic modules may be employed. The security requirements cover areas related to the secure design and implementation of a cryptographic module. The following targets have been fully validated: The most notable enhancements include resolving users and groups and authenticating users from trusted domains in a single forest, DNS updates, site discovery, and using NetBIOS name for user and group lookups. FreeIPA sudo integration is a widely popular feature, which can, however, pose some configuration challenges. The integration is now seamless, and `ipa-client-nsis` leverages a newly added IPA provider in `sssd`. Desktop and Graphics Chapter Desktop and Graphics New Package: The `gdk-pixbuf2` package contains an image-loading library that can be extended by loadable modules for new image formats. Note that downgrading the libraries included in the `gdk-pixbuf2` and `gtk2` packages can fail. Its light-weight, distributed architecture makes it particularly well-suited to centralized analysis of complex systems. For further information, consult the extensive manual pages in the `pcp` and `pcp-libs-devel` packages. PCP also provides a manual page for every tool; type `man toolname` on the command line to view the manual page for that tool. General Updates Chapter General Updates New Packages:

6: How to update CentOS /// to CentOS

The Red Hat Enterprise Linux Release Notes documents the major changes made to the Red Hat Enterprise Linux 6 operating system and its accompanying applications for this minor 1 release. Detailed notes on all changes in this minor release are available in the Technical Notes.

None edit Description Johnny Hughes These files are created by anaconda at installation time. Comment 4 Johnny Hughes Comment 5 Akemi Yagi Comment 6 Johnny Hughes This means there is a blank firewall on startup after reboot. Should I change the "component" field of this bug to anaconda? Comment 7 Thomas Woerner Comment 8 Steve Muskiewicz Comment 9 Utku Altunkaya Note that the anaconda. No such file or directory It seems that package dependencies in the new 6. Please try and see whether adding "system-config-firewall-base" to your package installation list solves your firewall issue. Comment 11 Terry Bowling This Minimal package set may appear to be missing packages but this is intentional. The Minimal package set can not be altered and we can not automatically flag additional packages for inclusion if the user has selected Minimal. Comment 18 Peter Bieringer The recommendation to use a custom kickstart file to get local firewalling back for a "minimal" installation is imho an overkill. Comment 19 Samantha N. Product Management has requested further review of this request by Red Hat Engineering, for potential inclusion in a Red Hat Enterprise Linux release for currently deployed products. This request is not yet committed for inclusion in a release. Comment 22 Peter Bieringer Comment 24 David Cantrell That required us to re-evaluate the possibility of a small fix to address the issue. This was proposed and tested but determined to be ineffective. Therefore, the proposed change was reverted and the situation explained in comment 17 still holds for RHEL 6. Comment 28 Petr Bokoc To work around this issue, you can use a Kickstart file to add these packages to your selection. If you do not use the workaround, the installation will complete successfully, but no firewall will be configured, presenting a security risk. Package Group Selection, Comment 31 Johnny Hughes Comment 32 Johnny Hughes Comment 33 Charles Polisher I suggest 1 Leave the minimal package set contents untouched, addressing the certification issue. Comment 34 Tim Mooney It only broke in RHEL 6. Do we know for certain that this is the complete list? I like all the sections that Petr has this admonition applied to, but I also think it would help a lot of Kickstart users if there were separate admonitions after each of the anaconda options in Section Comment 35 Peter Bieringer As I wrote previously: Will file a support ticket next week regarding that issue. Essentially, add this to your kickstart: But, the behaviour was changed in Red Hat Enterprise Linux 6. We cannot alter the definition of the Minimal set nor can we automatically flag additional packages for inclusion if the user has selected Minimal. Comment 40 Peter Bieringer There are use cases where no kickstart "extension" is involved, only original ISO is used to install a minimal Enterprise Linux. I can agree, that because of certification processes packet set would be kept small as possible. If the old and complex way of setup a basic ruleset for activation of local firewall is not possible with that small package set, then simply a different also simple solution must be introduced which re- enable a basic active firewall configuration. I would very wonder that with the current behavior a FIPS certification and other security related ones will be reached if OS after minimal installation has no local firewall ruleset active Comment 41 Petr Bokoc Comment 42 Petr Bokoc Comment 45 Petr Bokoc Comment 49 Radek Vykydal Comment 53 Jason Pyeron

7: How to update RHEL /// to RHEL

Red Hat Enterprise Linux 6 Release Notes +.

When you attempt to add an ESXi host, the following error might result: Unable to get signed certificate for host name: Restore the Platform Services Controller node and reboot vCenter Server again, or start all services from the command line using the following command: This issue is rare, but it has been observed. This issue has been observed when the DNS did not resolve localhost to the loopback address in an IPv6 environment. Reviewing your network configuration may assist in resolving this issue. If, after 8 hours or more, you attempt to log in from the same browser tab, the following error results. Close the browser or the browser tab and log in again. However, the virtual machine can be added in other ways, for example, when the encrypted virtual machine is added by a backup operation using file-based backup and restore. As a result, the virtual machine is locked invalid. This is a security feature that prevents an unauthorized encrypted virtual machine from accessing vCenter Server. You have several options. Unregister the virtual machine and register it back using the vSphere API. Error while communicating with the remote host during virtual machine encryption task You perform a virtual machine encryption operation such as encrypting a virtual machine or creating a new encrypted virtual machine. Your cluster includes a disconnected ESXi host. The following error results. An error occurred while communicating with the remote host Workaround: Automatic failover does not happen if Platform Services Controller services become unavailable If you run Platform Services Controller behind a load balancer, failover happens if the Platform Services Controller node becomes unavailable. If Platform Services Controller services that run behind the reverse proxy port fail, automatic failover does not happen. These services include Security Token Service, License service, and so on. Take the Platform Services Controller with the failed service offline to trigger failover. Cannot establish trust connection Workaround: The command does not upgrade the bootloader and it does not persist signatures. When you enable secure boot after the upgrade, an error occurs. In this case, the secure boot process cannot verify the signatures for the old VIB, and fails. Secure boot cannot be enabled under these conditions. Reinstall the ESXi host to enable secure boot. However, after an upgrade, the service is enabled on port the Secure Token Server port by default. Having SSLv3 enabled might make your system vulnerable to certain attacks. For an embedded deployment, disable SSLv3 in the server. For a deployment with an external Platform Services Controller, determine whether any legacy vCenter Server systems are connected, and upgrade those vCenter Server systems. Error when cloning an encrypted virtual machine with one or more unencrypted hard disks When you clone an encrypted virtual machine, the following error results if one or more of the hard disks of the virtual machine is not encrypted. The operation is not supported on the object. The clone process fails. Even if you do not make changes to the advanced settings, the clone process succeeds. A specified parameter was not correct: Network becomes unavailable with full passthrough devices If a native ntg3 driver is used on a passthrough Broadcom Gigabit Ethernet Adapter, the network connection will become unavailable. Run the ntg3 driver in legacy mode: Use the tg3 vmklinux driver as the default driver, instead of the native ntg3 driver. Any work requests that are enqueued on the queue pairs are removed and not completed. At reboot, the legacy USB driver loads. Guest kernel applications receive unexpected completion entries for non-signaled fast-register work requests RDMA communication between two virtual machines that reside on a host with an active RDMA uplink sometimes triggers spurious completion entries in the guest kernel applications. This can cause completion queue overflows in the kernel ULP. To avoid triggering extraneous completions, place on separate hosts the virtual machines that will use fast-register work requests. As a result, the virtual machine becomes inaccessible during a snapshot operation or migration, if at the same time the RDMA application is still running. The action is performed successfully, but the Netdump transfer is much faster with other NICs. As a result, the kernel modules fail to load. The NIC is up with some delay. You must re-join Active Directory so that the system keytab is updated. Intel LM or I vmnic might encounter an unrecoverable hang A problem is triggered on Intel LM or I vmnic with heavy traffic, such as 4 pairs of virtual machines running netperf and repeatedly disabling and re-enabling VMKernel software emulation of hardware offload capability. With some

cycles of disabling and re-enabling, the hardware runs into a hang state. If you encounter this hang you must reboot the host. Intel i NIC might hang and lose networking connectivity The Intel i family NICs, displayed as "Intel Corporation Ethernet Connection ILM" sometimes with a "V" suffix , might experience a hardware hang state that can cause the system to lose networking connectivity on the port. This issue is triggered by disruptive operations while traffic is going through the NIC. For example, you might encounter this error if you bring down a link using the command `esxcli network nic down vmnixX` while copying a file over the i port. This problem might also be triggered with heavy traffic, such as 4 pairs of virtual machines running netperf and repeatedly disabling and re-enabling VMKernel software emulation of hardware offload capability. The NIC is not functional until you reboot the host. Avoid using i NIC port in critical jobs. Avoid doing disruptive operations on i ports. Avoid disabling and re-enabling VMKernel software emulation of hardware offload capabilities on Intel I adapter. No matter what configuration you set up on this end of the connection, it is not applied on the ESXi side. The auto-negotiate support causes a duplex mismatch issue if a physical switch is set manually to a full-duplex mode. Perform either of the workarounds: On the physical switch port, set the speed and duplex mode to auto before an upgrade or fresh installation. You can switch to the igb driver by running the commands: Run the `vmkfstools --growfs` command on one of the hosts connected to the volume. Perform the `rescan-vmfs` operation on all host connected to the volume. VMFS6 datastore does not support combining n and e devices in the same datastore You can expand a VMFS6 datastore only with the devices of the same type. If the VMFS6 datastore is backed by a n device, expand the datastore with the n devices. If the datastore is created on a e device, expand the datastore with e devices. ESXi does not support the automatic space reclamation on arrays with unmap granularity greater than 1 MB If the unmap granularity of the backing storage is greater than 1 MB, the unmap requests from the ESXi host are not processed. You can see the Unmap not supported message in the vmkernel. Using storage rescan in environments with the large number of LUNs might cause unpredictable problems Storage rescan is an IO intensive operation. If you run it while performing other datastore management operation, such as creating or extending a datastore, you might experience delays and other problems. Problems are likely to occur in environments with the large number of LUNs, up to , that are supported in the vSphere 6. Typically, storage rescans that your hosts periodically perform are sufficient. You are not required to rescan storage when you perform the general datastore management tasks. Run storage rescans only when absolutely necessary, especially when your deployments include a large set of LUNs. When this issue occurs, the `vmwarning`. Perform the following steps: Unmount the affected NFS 4. If no files are open when you unmount, this operation succeeds and the NFS 4. You can then remount the datastores that were unmounted and resume normal operation. Keep the NICs disabled for as long as it is required for the server lease times to expire, and then bring the NICs back up. Normal operations should resume. If the preceding steps fail, reboot the ESXi host. As a result, any existing NFS 4. Wait for the lease time of 90 seconds to expire and manually remount the volume. Mounting the same NFS datastore with different labels might trigger failures when you attempt to mount another datastore later The problem occurs when you use the `esxcli` command to mount the same NFS datastore on different ESXi hosts. If you use different labels, for example A and B, vCenter Server renames B to A, so that the datastore has consistent labels across the hosts. If you later attempt to mount a new datastore and use the B label, your ESXi host fails. This problem occurs only when you mount the NFS datastore with the `esxcli` command. It does not affect mounting through the vSphere Web Client. When mounting the same NFS datastore with the `esxcli` commands, make sure to use consistent labels across the hosts. This issue occurs if the VNX server unexpectedly changes its major number. However, the NFS 4. Remove all datastores exported by the server and then remount them. Virtual Volumes Issues After upgrade from vSphere 6. Log out of the vSphere Web Client, and then log in again.

8: Eclipse Che Release Notes - RHD Blog

CentOS community announced the new release of CentOS on 28 October, In this release lot of bug has been fixed and also some major changes with some deprecated features has been done.

This issue may remain unfixed for the lifetime of CentOS 6. CentOS 7 does not have this issue. See upstream bug for details. If this is a problem for you, we recommend using boost We have not observed any negative impacts from this issue. If you have already installed json-c from EPEL, uninstall it before updating the system to 6. No versions of CentOS Secure Boot must be disabled to install CentOS For further detail please take a look at CentOS Bug Text mode will automatically be used if the system has less than MB of memory. The text installer has limited capabilities compared to the GUI installer. Most notably there is no support for configuring partition layout, storage methods or package selection. Please refer to the official documentation for details. Here you can find some useful information on creating and using kickstart files which can be used to perform advanced configuring without the need for the GUI installer. The message "Insufficient memory to configure kdump! This can be ignored. We have tried to get all basic server and basic desktop installs only from DVD Make sure that you setup correctly the selinux context of the public key if you transfer it to a CentOS 6 server with selinux enabled. In order to setup the correct context you can use: Many people have complained that Ethernet interfaces are not started with the new default NetworkManager tool. The package itself has not been changed. See CentOS Bug This will overwrite the entire USB key. Here is an example for the DVD1: Packages modified by CentOS abrt.

9: RHEL 6 Release Notes - Desktop

Redhat has released its major release of RHEL on 14th October , Since from the day of release every one is looking for upgrading the current version to latest RHEL release.

Please run yum update after installation from any install media to get security updates for CentOS No versions of CentOS Secure Boot must be disabled to install CentOS For further detail please take a look at CentOS Bug With this release the ABI for the X. If you are running 3rd party drivers - i. In the case of vBox rebuilding the vBox-addons and restarting the X-Session solves this issue. This should not concern anyone who uses the default drivers shipped with CentOS. Text mode will automatically be used if the system has less than MB of memory. The text installer has limited capabilities compared to the GUI installer. Most notably there is no support for configuring partition layout, storage methods or package selection. Please refer to the official documentation for details. Here you can find some useful information on creating and using kickstart files which can be used to perform advanced configuring without the need for the GUI installer. The message "Insufficient memory to configure kdump! This can be ignored. We have tried to get all basic server and basic desktop installs only from DVD Make sure that you setup correctly the selinux context of the public key if you transfer it to a CentOS 6 server with selinux enabled. In order to setup the correct context you can use: Many people have complained that Ethernet interfaces are not started with the new default NetworkManager tool. This will overwrite the entire USB key. Here is an example for the DVD1: When a password is expired and kinit prompts a new password a ticket no longer appears to be granted on change but rather a new kinit is needed with the new credentials. When installing the client side of IPA this includes the automatic client part of installing the server side sudo is now configured automatically and needs no modifying of sssd. Packages modified by CentOS abrt.

Villains, Volume 1 The power of remembering Michael Honey Burgundian Gothic architecture. Subject Directory of Special Libraries and Information Centers Writing picture books Nursing concerns for pediatric drug administration Laptops And Literacy Best arabic english dictionary Wigs and make-up for theatre, television, and film Editable forms showing fields If a Cat Could Talk Nicholas Spark walks on water Early colleges, virtue and the endowment model The coffee moms devotional Water level indicator and controller project Selected meteorological and micrometeorological data for an arid site near Beatty, Nye County, Nevada, ca Nobel prize in physics 2013 Home Run Heros:Mcguire Sosa Reading topographic maps V. 2. East-West routes. Radical New Road to Wealth Implementing replays in educational settings Beating Marriage Odds Early modern civil discourses To Menelek in a motor-car Saga of the Grain Letters of James and Ellen Robb Postscript William Schweiker. From Mogadishu to Dixon Welling up out of the earth Managing web projects Section 216. Soil erosion soil conservation Intimation of the death of Moses Case study data analysis Military and commercial aircraft International debt reexamined The ghosts of the Melting Pot Restaurant 3./tThe data and their analysis/t107 Up on the Housetop Agriculture : overcoming the subsistence rationale