



# Control Center Release Notes

Release 1.5.1

Zenoss, Inc.

[www.zenoss.com](http://www.zenoss.com)

# Control Center Release Notes

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# About this document

*Control Center Release Notes* contains important information about minor and micro releases of Control Center.

## Release dates

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**Table 1: Release 1.5**

Release	Date
Control Center 1.5.1	12 Jun 2018
Control Center 1.5.0	08 Nov 2017

**Table 2: Release 1.4**

Release	Date
Control Center 1.4.1	25 Sep 2017
Control Center 1.4.0	17 Aug 2017

**Table 3: Release 1.3**

Release	Date
Control Center 1.3.3	20 Jun 2017
Control Center 1.3.2	03 May 2017
Control Center 1.3.1	13 Apr 2017
Control Center 1.3.0	09 Mar 2017

**Table 4: Release 1.2**

Release	Date
Control Center 1.2.3	27 Feb 2017
Control Center 1.2.2	25 Jan 2017
Control Center 1.2.1	16 Dec 2016
Control Center 1.2.0	14 Nov 2016

**Table 5: Release 1.1**

Release	Date
Control Center 1.1.10	23 Nov 2016
Control Center 1.1.9	17 Oct 2016
Control Center 1.1.8	20 Sep 2016
Control Center 1.1.7	20 Jul 2016
Control Center 1.1.6	28 Jun 2016

Release	Date
Control Center 1.1.5	01 Jun 2016
Control Center 1.1.4	24 May 2016
Control Center 1.1.3	20 Apr 2016
Control Center 1.1.2	04 Mar 2016
Control Center 1.1.1	29 Feb 2016

**Table 6: Release 1.0**

Release	Date
Control Center 1.0.10	20 Feb 2016
Control Center 1.0.9	02 Dec 2015
Control Center 1.0.8	16 Nov 2015
Control Center 1.0.7	10 Oct 2015
Control Center 1.0.6	14 Sep 2015
Control Center 1.0.5	05 Aug 2015
Control Center 1.0.4	10 Jul 2015
Control Center 1.0.3	27 May 2015
Control Center 1.0.2	20 Apr 2015
Control Center 1.0.1	03 Apr 2015
Control Center 1.0.0	24 Feb 2015

## 1

# Control Center 1.5.1

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Beginning with version 1.4.0, Docker images for Control Center are no longer available on Docker Hub. The images are included in self-installing archive files that are available for download from Zenoss. Likewise, the RPM packages that are required for installations and upgrades are no longer available from Zenoss repositories on the internet, and must be downloaded. However, the Docker images and RPM packages for previous releases are still available from Docker Hub and Zenoss repositories, respectively, and will be available in those locations for as long as Zenoss supports the releases.

Beginning 1 December 2017, downloads for Zenoss Resource Manager customers are available on [delivery.zenoss.com](http://delivery.zenoss.com).

## New features

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### Configurable service restart thresholds

(CC-4100) Restart thresholds are available to manage services. In the Control Center browser interface, you can edit the service to specify a value in the new field **Restart when memory usage exceeds % of requested RAM**. When your threshold is reached, the service restarts automatically.

For more information about how this feature can be used, refer to the Zenoss Resource Manager 6.2.0 release notes.

## Fixed issues

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ID	Description
CC-3367	The login page does not display the Control Center version.
CC-3766	Error message about locking services does not include enough information to trace the cause.
CC-3893	The <code>logstash</code> filebeat agent does not release file handles and container fills and crashes.
CC-3909	Upgrade process reports aborting but continues to completion when thin pool metadata size is too small.
CC-3926	Missing container not detected when a service is down.
CC-3937	Control Center does not export the same graph data it displays in its browser interface.

ID	Description
CC-3959	Setting a non-default value for <code>SERVICED_UI_PORT</code> breaks compatibility with Zenoss Resource Manager.
CC-3964	Users who are members of more than 99 groups are unable to log in to browser interface.
CC-3997	Pre-upgrade script fails to parse output of <code>lvs</code> command.
CC-4000	The permissions on OpenTSDB files on the Control Center master host are too open.
CC-4082	Log messages do not include the current resource pool timeout value.
CC-4100	Add restart thresholds. For more information, see <a href="#">New features</a> on page 5.

## Known issues

ID	Description	Status
CC-4039	<code>rpcbind</code> fails to start when IPv6 is disabled. For more information, see <a href="#">Notes and workarounds</a> on page 6.	Open

## Notes and workarounds

### CC-4039: `rpcbind` fails to start when IPv6 is disabled

Disabling IPv6 can prevent the NFS server from restarting, due to [an `rpcbind` issue](#). Zenoss recommends leaving IPv6 enabled on the Control Center master host.

## 2

## Control Center 1.5.0

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Beginning with version 1.4.0, Docker images for Control Center are no longer available on Docker Hub. The images are included in self-installing archive files that are available for download from Zenoss. Likewise, the RPM packages that are required for installations and upgrades are no longer available from Zenoss repositories on the internet, and must be downloaded. However, the Docker images and RPM packages for previous releases are still available from Docker Hub and Zenoss repositories, respectively, and will be available in those locations for as long as Zenoss supports the releases.

Beginning 1 December 2017, downloads for Zenoss Resource Manager customers are available on [delivery.zenoss.com](http://delivery.zenoss.com).

### New features

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This version of Control Center provides the following enhancements:

- You can now search for log messages in Kibana by the path of the log file and the type.
- Zenoss offline yum mirrors are now GPG signed with the Zenoss key. For information about enabling verification of the offline mirror, refer to the *Control Center Installation Guide*.

### Fixed issues

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**Table 7: Release 1.5.0**

ID	Description
CC-3174	Multiline log parsing does not work.
CC-3597	Unable to reinstall Service Impact if it was previously uninstalled.
CC-3644	Control Center 1.3.3 offline upgrade fails due to missing package in yum-mirror.
CC-3675	Option or requirement to clean up backup snapshots after restore.
CC-3691	RabbitMQ multiline logs are split into several log messages.
CC-3741	Using <code>crontab.weekly</code> too imprecise for <code>zenossDBpack</code> .
CC-3751	Run <code>serviced-storage check</code> command without <code>thinpool</code> option might delete the <code>devicemapper</code> metadata.
CC-3755	"Put failed" version conflict error for host sometimes spams master logs.

ID	Description
CC-3866	Clicking <b>Instance Log</b> on zeneventserver causes Kibana error <code>maxClauseCount is set to 1024</code> .
CC-3879	HBase RegionServer Operation Counts graph does not plot the request rate.
CC-3921	Serviced log contains warning messages that delegate hosts are part of the ZooKeeper quorum.

## Known issues

**Table 8: Release 1.5.0**

ID	Description	Status
CC-2330	Services in IP Assignments retain "unknown" host status after deleting assigned host.	Open
CC-2860	Using special characters on the application details form opens window.	Open
CC-3092	Restoring a version 1.1.x backup onto a version 1.2.x system leaves pools without permissions.	Open
CC-3764	Actions performed in shells are not included in audit logs. See <a href="#">Actions performed in shells are not included in audit logs (CC-3764)</a> on page 8.	Open
CC-4018	Upgrades may encounter an LVM error. See <a href="#">Editing the master host LVM configuration file (CC-4018)</a> on page 8.	Open

## Notes and workarounds

### NFS client 4.1 is not supported

If you are using the RHEL 7.4 operating system, you must configure NFS 4.0 on delegate hosts. A file locking defect might exist in NFS 4.1 with RHEL/CentOS 7.4. For more information, refer to topic "Configuring NFS 4.0" in the Control Center installation guide or upgrade guide.

### Actions performed in shells are not included in audit logs (CC-3764)

When you invoke `serviced service shell` to run a script in an application container, actions the script performs that should be included in audit logs are not included. The workaround is to use `serviced service attach`.

### Editing the master host LVM configuration file (CC-4018)

The default configuration of LVM is to display sizes as human-readable values. When the master host is updated, a script in the RPM package checks the size of the thin pool for application data, and the value returned by the `lvs` command may cause a type error. If the error occurs, perform the following steps.

- 1 Log in to the master host as `root`, or as a user with superuser privileges.
- 2 Open `/etc/lvm/lvm.conf` with a text editor.
- 3 Locate the `global/units` configuration option.



- 4 Change the `units` declaration to match the following example.

```
units = "h"
```

- 5 Save the file, and then close the text editor.
- 6 Repeat the `yum install` command.

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## Limitations, errata, and documentation

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This section includes the following information:

- The list of tested browser clients.
- The known limitations of Control Center, if any.
- Release-specific documentation errata, if any.
- Descriptions of additional documentation.

### Supported clients and browsers

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The following table identifies the supported combinations of client operating systems and web browsers.

Client OS	Tested browsers
Windows 7, 10	Internet Explorer 11*
	Firefox 56 and later
	Chrome 61 and later
macOS 10.12.3, 10.13	Firefox 56 and later
	Chrome 61 and later
Ubuntu 14.04 LTS	Firefox 56 and later
	Chrome 61 and later

### Additional information

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#### Documentation feedback

To provide feedback about this document, or to report an error or omission, please send an email to [docs@controlcenter.io](mailto:docs@controlcenter.io). In the email, please include the document title (*Control Center Release Notes*) and part number (1910.18.158.34) and as much information as possible about the context of your feedback.

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\* Enterprise mode only; compatibility mode is not tested.

## Related publications

Title	Description
<i>Control Center Release Notes</i>	Describes known issues, fixed issues, and late-breaking information not included in other publications.
<i>Control Center Installation Guide</i>	Provides detailed procedures for installing and configuring Control Center.
<i>Control Center Installation Guide for High-Availability Deployments</i>	Provides detailed procedures for installing and configuring Control Center in a high-availability deployment.
<i>Control Center Reference Guide</i>	Provides information and procedures for managing Control Center. This information is also available as online help in the Control Center browser interface.
<i>Control Center Upgrade Guide</i>	Provides detailed procedures for updating a Control Center deployment to the latest release.
<i>Control Center Upgrade Guide for High-Availability Deployments</i>	Provides detailed procedures for updating a high-availability deployment of Control Center to the latest release.