



# Control Center Release Notes

Release 1.4.1

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

**Table 1: Release 1.4**

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

**Table 2: 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 3: 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 4: 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
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 5: Release 1.0**

<b>Release</b>	<b>Date</b>
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 1.4.1

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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 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.

## New features

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There are no new features in this maintenance release.

## Fixed issues

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**Table 6: Release 1.4.1**

ID	Description
CC-3621	Add more information and detailed changes to service configurations in the logs for better auditing.
CC-3775	Mark iptables rules created by <code>serviced</code> so that they can be excluded from config management scripts.
CC-3787	Tenant container ports should not be exposed by host interfaces.
CC-3864	Export logs functionality is not working.
CC-3871	Emergency shutdown replaces config files on all affected services with originals.

## Known issues

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**Table 7: Release 1.4.1**

ID	Description	Status
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 9.	Open

## Notes and workarounds

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### Changes to support audit logging (CC-3590)

The following changes support the new audit logging feature:

- The `/var/log/serviced.access.log` file, which records HTTP/S requests, is moved to `/var/log/serviced/serviced.access.log`. The rules governing its retention are now based on size rather than age.
- The `/var/log/serviced` directory is the configurable default location for all Control Center audit logs. The ownership and privileges of the directory are consistent with similar directories in `/var/log`.
- The `logrotate` utility runs hourly instead of daily (`/etc/cron.daily/serviced` is moved to `/etc/cron.hourly/serviced`).

### 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`.

## 2

# Control Center 1.4.0

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## New features

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This release includes a new feature, `serviced` and application audit logging.

- Control Center writes messages to an audit log file on the master host when configuration changes occur in the Control Center cluster. The messages record the time, user identity, and information about the change in plain text.
- Also, Control Center records application audit messages, if an application is configured to write audit messages through Control Center. (Zenoss Resource Manager is configured for audit logging through Control Center, Zenoss Core is not.)
- Application audit logs are now visible in Kibana.

**By default, audit logging requires 10GB of storage on the master host.** The upgrade process includes a procedure for adding space to the master host, if necessary. For more information about audit logging, refer to the *Control Center Reference Guide*.

## Fixed issues

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**Table 8: Release 1.4.0**

ID	Description
CC-3739	CPU Usage graph shows different values on Control Center and Control Center device in Zenoss
CC-3681	<code>zenosbdbpack</code> cron job is installed with each <code>serviced</code> instance
CC-3615	Unable to add or remove IP assignments
CC-3573	Control Center 1.3.2 Kibana doesn't have <code>zeneventserver</code> or <code>zencatalogservice</code> logs since upgrade
CC-3564	Control Center spams logs if it's unable to bind a virtual IP to a host

ID	Description
CC-3562	Logging library aggressively tries to reconnect over network when disconnected
CC-3536	Control Center should not start services if it hasn't exported the correct tenant device
CC-3522	Base device size cannot be smaller than grows every time <code>SERVICED_DM_BASESIZE</code> is commented out
CC-3517	Control Center reports incorrect value for some metrics in graphs
CC-3510	RabbitMQ admin web interface gives 404s on links under the <code>/zenoss exchanges/queues</code> because of the preceding slash
CC-3478	Failed backups should not leave tagged snapshots around
CC-3436	Ambiguous host status icons
CC-3409	<code>ControlPlaneClient.queryServices(name)</code> no longer filters results
CC-3361	After restoring backup, some IP assignments were missing
CC-3346	Control Center unaware of changes to interface name
CC-3322	Loosen time sync requirement
CC-3316	Backup fails when remote collector is unavailable
CC-3268	Delegate authentication is too sensitive to time drift
CC-3189	Restore fails if backup has resource pools with VIPs that do not exist in target Control Center
CC-3174	Multiline log parsing does not work
CC-3120	Public endpoints with "Other, secure (TLS)" option will make it a link
CC-2998	Kibana's search input is overridden by autocomplete suggestions [Chrome only]
CC-2810	Graphs are showing on services pages that don't have graphs
CC-1623	<code>serviced-resource-agents</code> RPM missing from mirror package

## Known issues

**Table 9: Release 1.4.0**

ID	Description	Status
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## Notes and workarounds

### Changes to support audit logging (CC-3590)

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

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## Limitations, errata, and documentation

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This section includes the following information:

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

### Supported operating systems and browsers

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

Client OS	Supported Browsers
Windows 7 and 8.1	Internet Explorer 11*
Windows 10	Internet Explorer 11*
	Firefox 50 and later
	Chrome 54 and later
	Microsoft Edge
Windows Server 2012 R2	Firefox 30
	Chrome 36
Macintosh OS/X 10.9	Firefox 30 and above
	Chrome 36 and above
Ubuntu 14.04 LTS	Firefox 30 and above
	Chrome 37 and above
Red Hat Enterprise Linux 6.5, CentOS 6.5	Firefox 30 and above
	Chrome 37 and above

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

## Additional information

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### 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 Planning Guide</i>	Provides both general and specific information about preparing to deploy a Control Center cluster.
<i>Control Center Installation Guide</i>	Provides detailed procedures for installing and configuring a Control Center cluster.
<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.

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