



# **Red Hat Hyperconverged Infrastructure for Cloud 13**

## **Release Notes**

Release notes for Red Hat Hyperconverged Infrastructure for Cloud



# Red Hat Hyperconverged Infrastructure for Cloud 13 Release Notes

---

Release notes for Red Hat Hyperconverged Infrastructure for Cloud

## Legal Notice

Copyright © 2018 Red Hat, Inc.

The text of and illustrations in this document are licensed by Red Hat under a Creative Commons Attribution-Share Alike 3.0 Unported license ("CC-BY-SA"). An explanation of CC-BY-SA is available at

<http://creativecommons.org/licenses/by-sa/3.0/>

. In accordance with CC-BY-SA, if you distribute this document or an adaptation of it, you must provide the URL for the original version.

Red Hat, as the licensor of this document, waives the right to enforce, and agrees not to assert, Section 4d of CC-BY-SA to the fullest extent permitted by applicable law.

Red Hat, Red Hat Enterprise Linux, the Shadowman logo, JBoss, OpenShift, Fedora, the Infinity logo, and RHCE are trademarks of Red Hat, Inc., registered in the United States and other countries.

Linux ® is the registered trademark of Linus Torvalds in the United States and other countries.

Java ® is a registered trademark of Oracle and/or its affiliates.

XFS ® is a trademark of Silicon Graphics International Corp. or its subsidiaries in the United States and/or other countries.

MySQL ® is a registered trademark of MySQL AB in the United States, the European Union and other countries.

Node.js ® is an official trademark of Joyent. Red Hat Software Collections is not formally related to or endorsed by the official Joyent Node.js open source or commercial project.

The OpenStack ® Word Mark and OpenStack logo are either registered trademarks/service marks or trademarks/service marks of the OpenStack Foundation, in the United States and other countries and are used with the OpenStack Foundation's permission. We are not affiliated with, endorsed or sponsored by the OpenStack Foundation, or the OpenStack community.

All other trademarks are the property of their respective owners.

## Abstract

The Release Notes document describes the major features and enhancements implemented in Red Hat Hyperconverged Infrastructure for Cloud for a particular release. The document also includes known issues and bug fixes.

## Table of Contents

CHAPTER 1. INTRODUCTION .....	3
CHAPTER 2. ACKNOWLEDGMENTS .....	4
CHAPTER 3. ENHANCEMENTS .....	5
CHAPTER 4. KNOWN ISSUES .....	6
CHAPTER 5. NOTABLE BUG FIXES .....	7



## CHAPTER 1. INTRODUCTION

The Red Hat Hyperconverged Infrastructure (RHHI) for Cloud solution is part of the broader software-defined RHHI solutions. The RHHI for Cloud solution unifies Red Hat OpenStack Platform (RHOSP) 13 and Red Hat Ceph Storage (RHCS) 3 technologies into a single product.

## CHAPTER 2. ACKNOWLEDGMENTS

Red Hat Hyperconverged Infrastructure for Cloud version 13 contains many contributions from the Red Hat Hyperconverged Infrastructure for Cloud team. Additionally, the OpenStack Platform and Ceph projects are seeing amazing growth in the quality and quantity of contributions from individuals and organizations in the community. We would like to thank all members of the Red Hat Hyperconverged Infrastructure for Cloud team, all of the individual contributors in the community, and additionally (but not limited to) the contributions from organizations such as:

- Intel
- Fujitsu
- UnitedStack
- Yahoo
- UbuntuKylin
- Mellanox
- CERN
- Deutsche Telekom
- Mirantis
- SanDisk
- SuSE



## CHAPTER 3. ENHANCEMENTS

This section lists all major updates, enhancements, and new features introduced in this release of Red Hat Hyperconverged Infrastructure for Cloud.

Here are the major updates for this release:

- Deploying and managing Red Hat Hyperconverged Infrastructure for Cloud with the Red Hat OpenStack Platform Director interface.
- Defining and validating custom deployment plans within the Red Hat OpenStack Platform Director interface.
- Upgrading to Red Hat Hyperconverged Infrastructure for Cloud v13 using the command-line interface.

## CHAPTER 4. KNOWN ISSUES

This section documents known issues found in this release of Red Hat Hyperconverged Infrastructure for Cloud.

---

## CHAPTER 5. NOTABLE BUG FIXES

This section describes bugs fixed in this release of Red Hat Hyperconverged Infrastructure for Cloud that have significant impact on users. In addition, it includes descriptions fixed known issues from previous versions.

### **The subscription-manager Would Incorrectly Report that the ceph-osd Package was Still Installed**

Previously, when removing the `ceph-osd` package from the overcloud nodes, the corresponding Ceph product key was not removed. Therefore, the `subscription-manager` would incorrectly report that the `ceph-osd` package was still installed. The script that handles the removing of the `ceph-osd` package now also removes the corresponding Ceph product key. The script that removes the `ceph-osd` package and product key executes only during the overcloud update procedure. As a result, `subscription-manager list` no longer reports the Ceph OSD as is installed.

(BZ#1500594)

### **Updated the ceph-disk Unit Files**

Previously, the transition to containerized Ceph left some "ceph-disk" unit files. The files were harmless, but appeared as failing, which could be distressing to the operator. With this update, executing the "switch-from-non-containerized-to-containerized-ceph-daemons.yml" playbook disables the "ceph-disk" unit files too.

(BZ#1577846)