



Workload Availability for Red Hat OpenShift 24.1

Release Notes

Workload Availability release notes

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Abstract

The release notes summarize all new features and enhancements, notable technical changes, major corrections from the previous version, and any known bugs upon general availability.

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PREFACE

PROVIDING FEEDBACK ON WORKLOAD AVAILABILITY FOR RED HAT OPENSIFT DOCUMENTATION

We appreciate your feedback on our documentation. Let us know how we can improve it. To do so:

1. Go to the [JIRA](#) website.
2. Enter a descriptive title in the **Summary** field.
3. Enter your suggestion for improvement in the **Description** field. Include links to the relevant parts of the documentation.
4. Enter your username in the **Reporter** field.
5. Enter the affected versions in the **Affects Version/s** field.
6. Click **Create** at the bottom of the dialog.

CHAPTER 1. WORKLOAD AVAILABILITY FOR RED HAT OPENSIFT 24.1 RELEASE NOTES

Workload Availability for Red Hat OpenShift version 24.1 is now available.

1.1. NEW FEATURES AND ENHANCEMENTS

This release adds improvements related to the following components and concepts.

- The Fence Agents Remediation (FAR) Operator now includes High Availability support for FAR pods. This support helps reduce downtime when scheduling the FAR pods due to their eviction from nodes. For example, users may wait a long time for the FAR pod to remediate an unhealthy node, because this pod was evicted from this node. Having another running pod helps to minimize this waiting time as the FAR operator can remediate an unhealthy node faster.
- The Self Node Remediation (SNR) Operator now includes:
 - A new configurable **hostPort** parameter to specify the port that SNR agents use for internal communication. Previously, the host port was hardcoded as 30001, which could cause conflicts if another service is using that port.
 - A new configurable **customDsTolerations** parameter to specify custom toleration SNR agents that are running on the DaemonSets to support remediation for different types of nodes.
 - For more information on both the **hostPort** and **customDsTolerations** parameters, see the [Understanding the Self Node Remediation Operator configuration](#) section of the documentation.
 - A new Automatic Remediation strategy. This remediation strategy simplifies the remediation process by letting the Self Node Remediation Operator decide on the most suitable remediation strategy for the cluster.
 - For more information on the Automatic Remediation strategy, see the [Understanding the Self Node Remediation Template configuration](#) section of the documentation.
- The Node Health Check (NHC) Operator now includes:
 - Increased resilience by running the NHC Operator with two replicas, and so safeguarding instances when the node that NHC is running on might become unhealthy.
 - Improved safety of control plane fencing by checking the current etcd quorum status. This check ensures that remediation of nodes is only started when it will not disrupt the quorum.
 - The prevention of unnecessary remediation loops. Previously, when node conditions changed from one unhealthy condition to another one, NHC incorrectly considered that the node was healthy for the duration of the timeout of the second unhealthy condition. This is no longer the case.

1.2. DEPRECATED AND REMOVED FEATURES

No features were deprecated and/or removed in this release.

1.3. BUG FIXES

No known bugs remain open in this release.

1.4. TECHNOLOGY PREVIEW FEATURES

There are no new Technology preview features in this release.

1.5. KNOWN ISSUES

No known issues were identified in this release.