OpenShift Cluster Manager 2021-02

Monitoring the health of your clusters

Monitoring your OpenShift cluster health with Insights Advisor
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Abstract
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CHAPTER 1. ABOUT INSIGHTS ADVISOR

Use Insights Advisor to identify and solve issues with your clusters.

1.1. UNDERSTANDING INSIGHTS ADVISOR

Insights Advisor analyzes your cluster and helps you to identify potential issues that it may be exposed to, and displays them inside of OpenShift Cluster Manager. You can then use this information to proactively identify and respond to issues that may affect security, performance, availability, and stability.

Once a potential issue is detected, Insights Advisor will assess and categorize the risk as Low, Moderate, Important, or Critical. Depending on the issue, the details may also contain a link to a Red Hat Knowledge Base article or possible remediation steps. See Section 2.1, “Displaying potential issues with your cluster” for more information.

Additional resources

- Insights Advisor does not collect identifying information, such as user names, passwords, or certificates. See Red Hat Insights Data & Application Security for information about Red Hat Insights data collection and controls.

- For more information on how Insights Advisor gathers data from OpenShift, see the OpenShift Container Platform 4.7 documentation:

  - About remote health monitoring
  - Showing data collected by remote health monitoring
  - Opting out of remote health reporting
CHAPTER 2. USING INSIGHTS ADVISOR

Insights Advisor repeatedly analyzes the data Insights Operator sends. You can view and manage reports showing Insights Advisor data for your OpenShift Container Platform cluster on the Insights Advisor tab of each cluster in OpenShift Cluster Manager.

2.1. DISPLAYING POTENTIAL ISSUES WITH YOUR CLUSTER

This section describes how to display the Insights Advisor report in OpenShift Cluster Manager.

Note that Insights Advisor repeatedly analyzes your cluster and shows the latest results. These results can change, for example, if you fix an issue or a new issue has been detected.

Prerequisites

- Your cluster is registered in OpenShift Cluster Manager.
- Remote health reporting is enabled, which is the default.
- You are logged in to OpenShift Cluster Manager.

Procedure

1. Click the Clusters menu in the left pane.
2. Click the cluster’s name to display the details of the cluster.
3. Open the Insights Advisor tab of the cluster. Depending on the result, the tab displays one of the following:
   - Your cluster passed all health checks if Insights did not identify any issues.
   - A list of issues Insights has detected, prioritized by risk (low, moderate, important, and critical).
   - No health checks to display if Insights has not yet analyzed the cluster. The analysis starts shortly after the cluster has been installed and connected to the internet.
4. If any issues are displayed on the tab, click the > icon in front of the entry for further details. Depending on the issue, the details can also contain a link to a Red Hat Knowledge Base article. For details on how to solve the problem, click How to remediate this issue.

2.2. MANAGING INSIGHTS ADVISOR RECOMMENDATIONS

You can enable or disable Insights Advisor recommendations using OpenShift Cluster Manager.

Prerequisites

- Your cluster is registered in OpenShift Cluster Manager.
- Remote health reporting is enabled, which is the default.
- You are logged in to OpenShift Cluster Manager.
Procedure

1. Click the Clusters menu in the left pane.
2. Click a cluster name to display the details of the cluster.
3. Click the Insights Advisor tab.
4. To disable a recommendation:
   a. Find the Insights Advisor recommendation, and click the Options menu recommendation.
   b. In the window that appears, enter a justification note and click Save.
5. To enable a previously disabled recommendation:
   a. Click Clear filters to show disabled recommendations.
   b. Find the Insights Advisor recommendation, and click the Options menu recommendation.