Red Hat OpenShift Service on AWS 4

About

OpenShift Service on AWS Documentation.
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Abstract

Welcome to the official OpenShift Service on AWS documentation, where you can learn about OpenShift Service on AWS and start exploring its features.
# Table of Contents

CHAPTER 1. RED HAT OPENSHIFT SERVICE ON AWS 4 DOCUMENTATION ............................................. 3

CHAPTER 2. LEARN MORE ABOUT ROSA WITH HCP ................................................................. 4
  2.1. KEY FEATURES OF ROSA WITH HCP ............................................................................. 4
  2.2. GETTING STARTED WITH ROSA WITH HCP ............................................................... 4
    2.2.1. Architect .................................................................................................................. 4
    2.2.2. Cluster Administrator ............................................................................................. 4
    2.2.3. Developer ............................................................................................................... 5

CHAPTER 3. LEGAL NOTICE ........................................................................................................... 6
Welcome to the official Red Hat OpenShift Service on AWS (ROSA) documentation, where you can learn about ROSA and start exploring its features. To learn about ROSA, interacting with ROSA by using Red Hat OpenShift Cluster Manager and command-line interface (CLI) tools, consumption experience, and integration with Amazon Web Services (AWS) services, start with the Introduction to ROSA documentation.

To navigate the ROSA documentation, use the left navigation bar.
CHAPTER 2. LEARN MORE ABOUT ROSA WITH HCP

Red Hat OpenShift Service on AWS (ROSA) with hosted control planes (HCP) offers a reduced-cost solution to create a managed ROSA cluster with a focus on efficiency. You can quickly create a new cluster and deploy applications in minutes.

2.1. KEY FEATURES OF ROSA WITH HCP

- ROSA with HCP requires a minimum of only two nodes, making it ideal for smaller projects while still being able to scale to support larger projects and enterprises.
- The underlying control plane infrastructure is fully managed. Control plane components, such as the API server and etcd database, are hosted in a Red Hat-owned AWS account.
- Provisioning time is approximately 10 minutes.
- Customers can upgrade the control plane and machine pools separately, which means they do not have to shut down the entire cluster during upgrades.

2.2. GETTING STARTED WITH ROSA WITH HCP

Use the following sections to find content to help you learn about and use ROSA with HCP.

2.2.1. Architect

<table>
<thead>
<tr>
<th>Learn about ROSA with HCP</th>
<th>Plan ROSA with HCP deployment</th>
<th>Additional resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architecture overview</td>
<td>Back up and restore</td>
<td>ROSA with HCP life cycle</td>
</tr>
<tr>
<td>ROSA with HCP architecture</td>
<td></td>
<td>ROSA with HCP service definition</td>
</tr>
</tbody>
</table>

2.2.2. Cluster Administrator

<table>
<thead>
<tr>
<th>Learn about ROSA with HCP</th>
<th>Deploy ROSA with HCP</th>
<th>Manage ROSA with HCP</th>
<th>Additional resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROSA with HCP architecture</td>
<td>Installing ROSA with HCP</td>
<td>Logging</td>
<td>Getting Support</td>
</tr>
<tr>
<td>OpenShift Interactive Learning Portal</td>
<td>Storage</td>
<td>Monitoring overview</td>
<td>ROSA with HCP life cycle</td>
</tr>
<tr>
<td></td>
<td>Back up and restore</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Upgrading</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# 2.2.3. Developer

<table>
<thead>
<tr>
<th>Learn about application development in ROSA with HCP</th>
<th>Deploy applications</th>
<th>Additional resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red Hat Developers site</td>
<td>Building applications overview</td>
<td>Getting support</td>
</tr>
<tr>
<td>Red Hat OpenShift Dev Spaces (formerly Red Hat CodeReady Workspaces)</td>
<td>Operators overview</td>
<td></td>
</tr>
<tr>
<td>Images</td>
<td>Developer-focused CLI</td>
<td></td>
</tr>
</tbody>
</table>
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