



Red Hat Mobile Application Platform Hosted 4

4.6.0 Release Notes

For Red Hat Mobile Application Platform Hosted 4

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Abstract

This document provides a high-level description of known issues, fixed issues and new features in RMAP Hosted 4.6.0.

Table of Contents

CHAPTER 1. RELEASE ANNOUNCEMENT	3
1.1. MONITORING RESOURCES	3
1.1.1. Cloud App and OpenShift Cluster Resource Usage	3
Related Information	4
1.1.2. Monitoring RHMAP Cloud Apps	4
Prerequisites	4
Procedure	4
Related Information	5
1.1.3. Monitoring the OpenShift Cluster	5
Prerequisites	5
Procedure	5
CHAPTER 2. DEPRECATION NOTICE	6
2.1. NODE.JS V4 RUNTIME	6
CHAPTER 3. KNOWN ISSUES	7

CHAPTER 1. RELEASE ANNOUNCEMENT

Red Hat recommends that you review the following guides before using RHMAPP:

- [Product Features](#)
- [Getting Started](#)
- [Mobile Developer Guide](#)
- [Server-side Developer Guide](#)

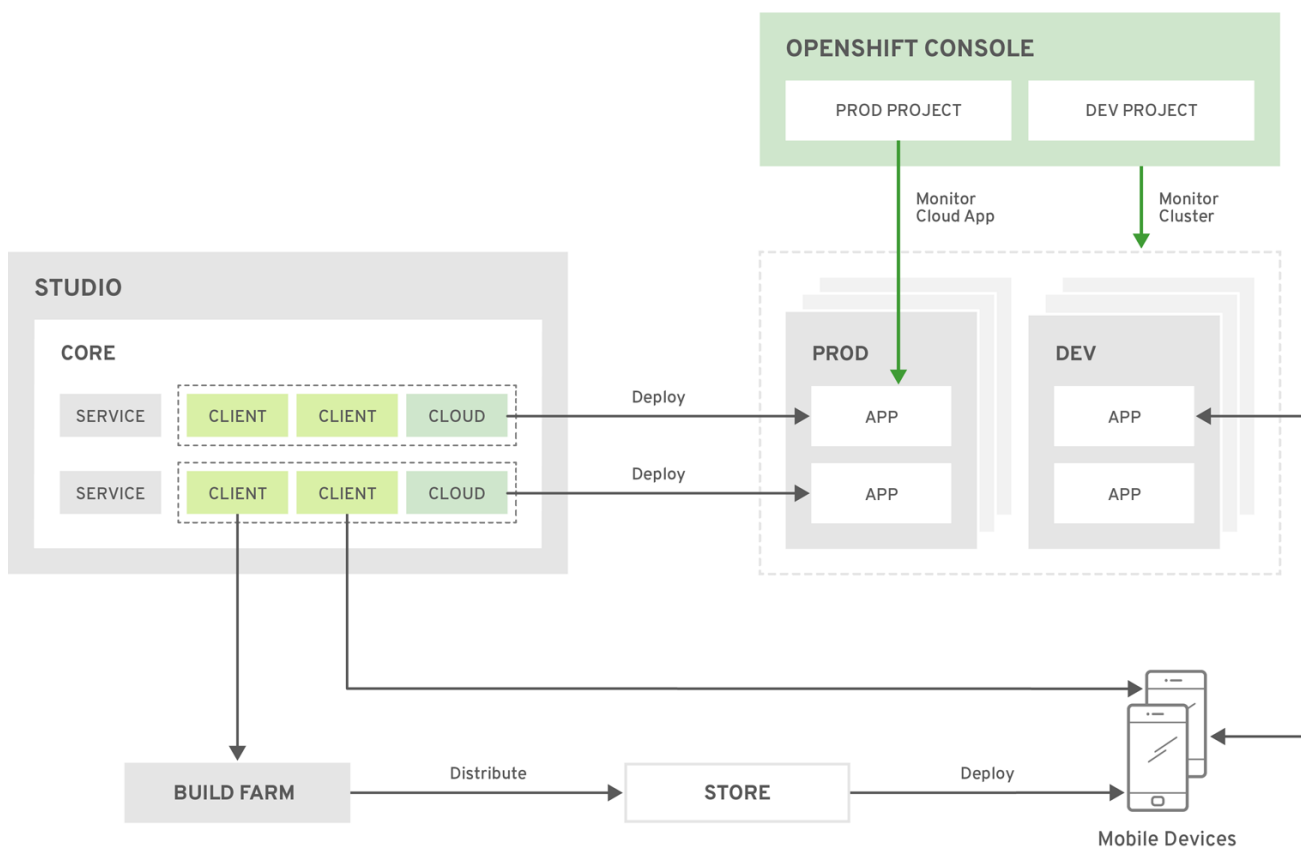
With the release of RHMAPP Hosted 4.6.0, RHMAPP is now available on OpenShift Dedicated hosted on Amazon Web Services (AWS). OpenShift Dedicated is a hosted container application platform, which allows you to quickly develop, build, deploy, and manage containerized services and applications in a cloud environment.

For more information about OpenShift Dedicated, see https://access.redhat.com/documentation/en-us/openshift_dedicated.

1.1. MONITORING RESOURCES

1.1.1. Cloud App and OpenShift Cluster Resource Usage

A Cloud App consumes resources such as CPU and memory. You can view this usage in the OpenShift web console. The Metrics tab for a pod graphically displays the CPU, memory and network usage. The OpenShift web console also enables you to monitor the overall cluster resource usage.



RHMAPP_470675_0518

Each RMAP environment corresponds to an OpenShift project, and each Cloud App corresponds to an OpenShift pod.

Typically, you want to monitor the state of individual Cloud Apps and the overall state of the OpenShift Cluster.

Related Information

- [Monitoring Cloud Apps](#)
- [Monitoring the OpenShift Cluster](#)

1.1.2. Monitoring RMAP Cloud Apps

Cloud Apps are the service-side code that runs on an MBaaS. Typically, a Cloud App consumes resources depending on the amount of traffic generated by Client Apps. This procedure describes how to monitor that usage and you can use that information to scale the Cloud App as required.

Prerequisites

- A Cloud App deployed to an RMAP Environment
- Access to RMAP Studio to view the Cloud App
- Access to OpenShift with at least the [View](#) role

Procedure

1. Log in to RMAP Studio,
2. Navigate to the Cloud App and click **Details** in the left sidebar. For more information see [Explore the Project](#).
3. Note the following information for later steps:
 - The last four characters of the App ID. For more information, see [Cloud App Details](#).
 - The environment where the Cloud App is deployed. For more information, see [MBaaS Targets and Environments](#).

Cloud App Status **Running**
Current status of this Cloud App. Statuses include: Running, Stopped & Checking

Controls **Start App** **Stop App** **Restart App**
Start, stop and restart this App

MBaaS Deploy Targets **OPENSIFT v3**
<https://console.rhm-eng-a.openshift.com>

Current Host <https://nodejs-docstestdonotdeletevmh6d-rhmap-rhmap-dev.b5e6.rhm-eng-a.openshiftapps.com>

App Type **Node.js Cloud App**
The type of your App

Name
The name of your App - try to stick with alphanumeric characters

Description
A description of App

App ID **mh6d** [Copy](#)
ID of this App - can be used in FHC

In the example above, the last four characters of the App ID are 'mh6d' and the environment is 'DEV'.

4. Log in to the OpenShift web console and select the OpenShift Project that corresponds to the RHMAP environment.
For example, the RHMAP 'DEV' environment corresponds with the OpenShift 'RHMAP Environment: rhmap-DEV' OpenShift project.
5. Click **Applications** and then **Pods**.
6. From the list of Pods displayed, find the corresponding Pod using the four characters noted in step 3.
7. From the Pod Details screen, click **Metrics** to view the Cloud App resource usage.

Related Information

- [Deploying Cloud Apps](#)
- [Creating an Environment](#)
- [OpenShift Roles](#)
- [Scaling in OpenShift](#)
- [Autoscaling in OpenShift](#)

1.1.3. Monitoring the OpenShift Cluster

The OpenShift cluster runs all the RHMAP software and the Cloud Apps. The OpenShift Console allows you monitor the resource usage of the cluster.

Prerequisites

- Access to <https://dedicated.openshift.com>

Procedure

1. Log in to <https://dedicated.openshift.com>
2. Select the cluster you want to monitor.

CHAPTER 2. DEPRECATION NOTICE

2.1. NODE.JS V4 RUNTIME

RHMAP Support for the Node.js v4 runtime is deprecated. The default Cloud App runtime is Node.js v6.

CHAPTER 3. KNOWN ISSUES

When editing a repeating section form submission through the Studio, the file and photo fields get copied to all other repeating sections.