Release Notes for AMQ Online 1.1 on OpenShift Container Platform
Abstract

These release notes contain the latest information about new features, enhancements, fixes, and issues contained in the AMQ Online 1.1 on OpenShift Container Platform release.
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CHAPTER 1. FEATURES

The following new features were added to AMQ Online 1.1 on OpenShift Container Platform.

1.1. NEW RED HAT AMQ CONSOLE

You can use the new Red Hat AMQ Console to create address spaces. This new console also uses the built-in OpenShift identity provider for authentication and authorization, providing a seamless single sign-on experience.

For more information see Using the Red Hat AMQ Console.

1.2. SUPPORT FOR CONFIGURABLE SHARDING OF QUEUES OF ALL SIZES

You can shard every queue across multiple brokers regardless of the size of the queue, which improves availability.
CHAPTER 2. ENHANCEMENTS

The following enhancements were added to AMQ Online 1.1 on OpenShift Container Platform.

2.1. IMPROVEMENTS TO ALLOW SYSTEM ADMINISTRATORS TO DEFINE AUTHENTICATION SERVICES

These improvements allow system administrators to define authentication services restricting each tenant to only use systems approved within your organization.

2.2. IMPROVED HIGH AVAILABILITY SUPPORT THROUGH SETTING AFFINITY, TOLERATIONS, AND PRIORITY CLASSES

You can set affinity, tolerations, and priority classes for messaging infrastructure. This allows deployments that are designed to deploy routers and brokers across different nodes and different data centers, thus creating greater resilience to individual hardware failures.

2.3. SUPPORT FOR SETTING FINER LEVELS OF ACCESS CONTROL THROUGH THE USE OF ROUTER POLICIES

You can set finer levels of access control by using router policies, for example, to limit the number of connections a user can make.

2.4. SUPPORT FOR EXPORTING ENDPOINT INFORMATION TO CONFIGMAP, SECRET, OR SERVICE

You can export endpoint information to a configmap, secret, or service, which provides a method to inject connectivity information into application projects, simplifying the automation of application deployment.
CHAPTER 3. TECHNOLOGY PREVIEW

3.1. INTERNET OF THINGS (IOT) FUNCTIONALITY

The Internet of Things (IoT) functionality in AMQ Online provides remote service interfaces for connecting large numbers of IoT devices to a messaging back end. This Technology Preview feature adds support for protocols common to IoT and to support common IoT use cases, allowing you to register devices and credentials.

For more information see Getting Started with Internet of Things (IoT) on AMQ Online.
CHAPTER 4. RESOLVED ISSUES

AMQ Online 1.1.0 on OpenShift Container Platform is based on AMQ Broker 7.2.4 and AMQ Interconnect 1.4.0.
CHAPTER 5. KNOWN ISSUES

There are no known issues for AMQ Online 1.1 on OpenShift Container Platform.
CHAPTER 6. IMPORTANT LINKS

- Red Hat AMQ 7 Supported Configurations
- Red Hat AMQ 7 Component Details

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