

RED HAT AMQ ONLINE

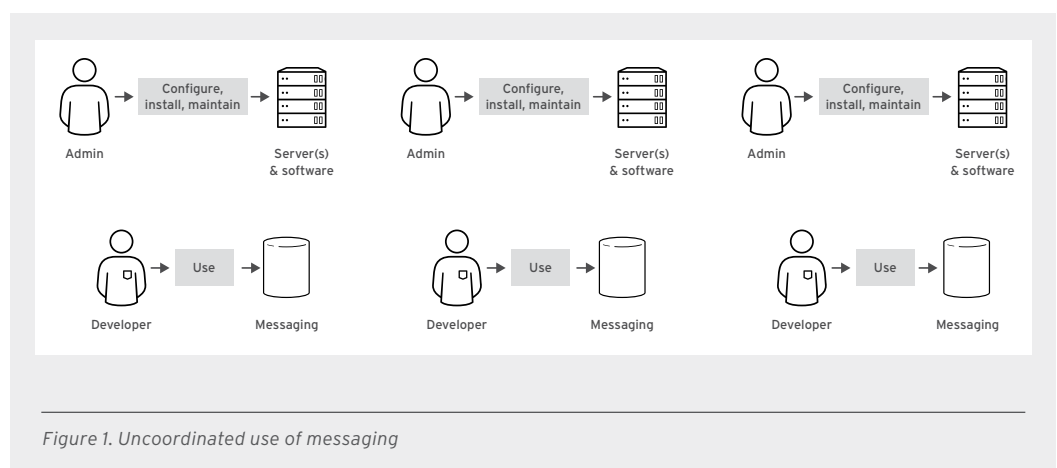
Developers get freedom from managing operations with Red Hat AMQ Online

DATASHEET

PRODUCT OVERVIEW

Messaging is an important part of any IT strategy. Software architects and developers employ messaging to share data needed by their applications. Messaging is an asynchronous technique for sharing data, meaning that the two (or more) parties involved in the messaging do not need to be present while the other party is sending or receiving.

The success and popularity of messaging means that many teams employ it, but some teams select and acquire messaging products in uncoordinated efforts. Lack of coordination can be due to mergers, acquisitions, familiarity levels of various products, and experimentation.



A lack of coordination can create an opportunity for an organization to dramatically improve productivity and reduce operating costs by centralizing administration in the cloud or through a multi-tenancy service offered to developers.

Red Hat AMQ Online separates the administrative details out of the developer experience, freeing developers to focus on innovation.



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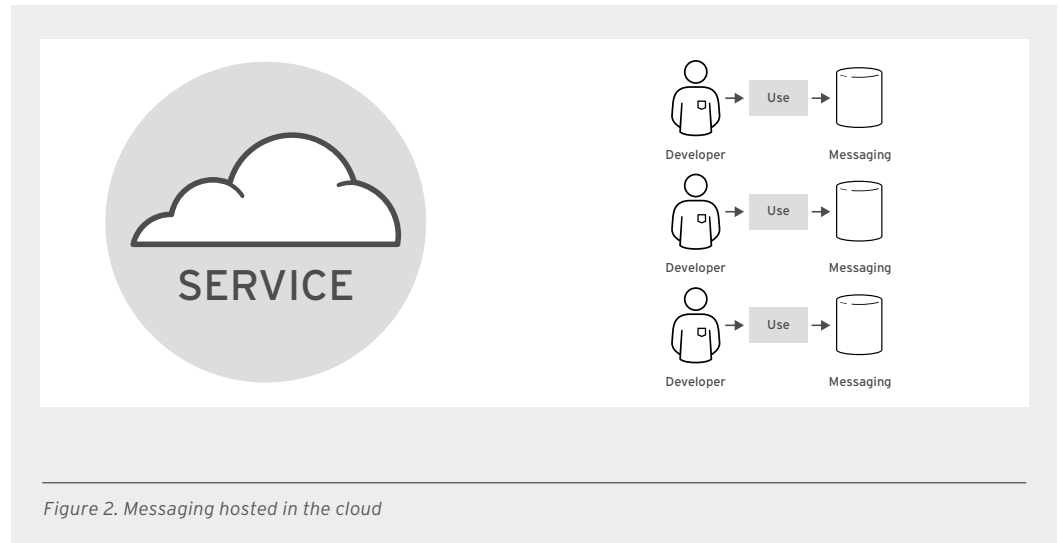


Figure 2. Messaging hosted in the cloud

FEATURES AND BENEFITS

Developers can use Red Hat AMQ Online to provision messaging when and where they need it with zero installation, configuration, and maintenance. The developers serve themselves from an easy-to-use browser console. Administrators can also configure a cloud-native, multitenant messaging service in the cloud or on-premise. Their teams can then serve themselves messaging. Multiple development teams can provision the brokers and queues they need from a simple console, without requiring each team to install, configure, deploy, maintain, or patch any software.

TABLE 1. RED HAT AMQ ONLINE FEATURES

FEATURE	BENEFIT
Low or no administrative costs	Consolidate operations in one small team so developers can serve themselves
Easy provisioning	Work from a browser with no installation or configuration required
Multi-tenancy	Installation is managed as a unit, but instances are protected from each other
Flexible multi-language connectivity	Integrate systems and adapt to market demands and emerging technologies
Open standards	Provide interoperability between other vendor's messaging clients and products providing protection from vendor lock-in

TECHNICAL SPECIFICATIONS

Red Hat AMQ Online offers many benefits over other means of communicating, like file transfer or email, specifically:

- Loose coupling: Producers and consumers do not need to be available, and can do upgrades and maintenance independently.
- Guaranteed delivery: Messaging systems will not modify data until acknowledged by consumers.
- Polyglot clients: Systems on multiple platforms can participate in messaging, as clients are widely available for many operating systems and development platforms.
- Wire protocols: Many systems can participate with their local clients because of open wire protocols like MQ Telemetry Transport (MQTT) protocol and Advanced Message Queuing Protocol (AMQP).

Red Hat AMQ Online is the zero-download, zero-install, zero-maintenance messaging system that can help your microservices teams work faster and smarter. Learn more and try it out at no cost at <https://www.redhat.com/en/technologies/jboss-middleware/amq>.



ABOUT RED HAT

Red Hat is the world's leading provider of open source software solutions, using a community-powered approach to provide reliable and high-performing cloud, Linux, middleware, storage, and virtualization technologies. Red Hat also offers award-winning support, training, and consulting services. As a connective hub in a global network of enterprises, partners, and open source communities, Red Hat helps create relevant, innovative technologies that liberate resources for growth and prepare customers for the future of IT.



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