



# Red Hat Integration 2019-07

## Release Notes

Red Hat Integration



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## Abstract

Describes Red Hat Integration and includes the latest details on what's new in this release.

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## CHAPTER 1. WHAT IS RED HAT INTEGRATION?

Red Hat Integration is a unified platform for cloud-native integration and application development with end-to-end API lifecycle support. It provides a set of agile and flexible integration and messaging technologies that include:

- API connectivity
- Data transformation
- Service composition and orchestration
- Real-time messaging
- Cross-datacenter message streaming
- API management

Red Hat Integration connects applications, data, and devices across hybrid cloud architectures and delivers API-centric business services.

## CHAPTER 2. WHAT'S NEW IN RED HAT INTEGRATION?

For details on what's new in Red Hat Integration as of July 2019:

- [Red Hat Fuse 7.4 Release Notes](#)
- [Red Hat 3scale API Management 2.6 Release Notes](#)
- [Red Hat AMQ 7.4 Product Documentation](#)



## CHAPTER 3. RED HAT SERVICE REGISTRY TECHNOLOGY PREVIEW

Red Hat Service Registry is a datastore for standard event schemas and API designs that is built on the Apicurio Registry open source community project. Service Registry enables developers to manage and share the structure of their data using a REST interface. For example, client applications can dynamically pull the latest updates from the registry without needing to redeploy.

Service Registry also enables developers to create rules to govern how registry content can evolve over time. For example, this includes rules for content validation and version compatibility.



### IMPORTANT

Service Registry is a Technology Preview feature only. Technology Preview features are not supported with Red Hat production service level agreements (SLAs) and might not be functionally complete. Red Hat does not recommend using them in production.

These features provide early access to upcoming product features, enabling customers to test functionality and provide feedback during the development process. For more information about the support scope of Red Hat Technology Preview features, see <https://access.redhat.com/support/offerings/techpreview>.

### Service Registry REST API

The Service Registry REST API provides create, read, update, and delete operations for schema and API artifacts, rules, versions, and metadata. For more details, see the [Registry REST API documentation](#).

### Supported storage

Service Registry supports the following storage implementations:

- Red Hat AMQ Streams 1.3
- Apache Kafka 2.2.x/2.3

### Distribution

Service Registry is available as follows:

- Container image: [Red Hat Container Catalog](#)
- Maven repository: [Software Downloads for Fuse v7.5.0](#)
- Full Maven repository (with all dependencies): [Software Downloads for Fuse v7.5.0](#)
- Source code: [Software Downloads for Fuse v7.5.0](#)

Both Maven repositories also include a client serializer/deserializer (SerDes) that can be used by AMQ Streams client developers to integrate with the registry.



### NOTE

You must be logged into the Red Hat Customer Portal to access these resources.

### Additional resources

- [Red Hat Middleware Maven Repository](#)
- [Service Registry OpenShift template](#)
- [Apicurio Registry open source community project](#)
- [Apicurio Registry demo based on storage in Apache Kafka Streams](#) (includes SerDes)