



# Red Hat Application Interconnect 1.0

## Release Notes for Red Hat Application Interconnect 1.0

Release Notes for Red Hat Application Interconnect 1.0 LIMITED AVAILABILITY



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## Abstract

These release notes contain the latest information about new features, enhancements, fixes, and issues contained in the Red Hat Application Interconnect 1.0 release.

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# PREFACE

## Making open source more inclusive

Red Hat is committed to replacing problematic language in our code, documentation, and web properties. We are beginning with these four terms: master, slave, blacklist, and whitelist. Because of the enormity of this endeavor, these changes will be implemented gradually over several upcoming releases. For more details, see [our CTO Chris Wright's message](#).



### NOTE

This Limited Availability release is not available to all customers. Contact [Red Hat Sales](#) if you are interested in learning more about Application Interconnect.

# CHAPTER 1. NEW AND CHANGED FEATURES

This release of Red Hat Application Interconnect is incompatible with all previous releases of AMQ Interconnect 2.0. To avoid disruption, you must upgrade all sites in your service network to this release using the following command:

```
$ skupper update
```

## 1.1. NETWORK STATUS COMMAND

Use the **skupper network status** command to display an overview of the service network.

## 1.2. RED HAT APPLICATION INTERCONNECT POLICY SYSTEM

You can apply a policy system to restrict access to the service network as described in [Securing a service network using policies](#).

## 1.3. TLS SUPPORT FOR SERVICES USING THE HTTP2 PROTOCOL

Use the **--enable-tls** option to secure HTTP2 traffic between a backend pod and the Application Interconnect router pod.

## 1.4. GATEWAYS

Red Hat recommends removing any gateways before upgrading, and recreating those gateways after a successful upgrade.

With this release only one gateway is created per user/host. Previously, a user could create multiple gateways, this is no longer possible. If you require multiple gateways per host, create a new user for each gateway.

### Port negotiation limitation

If your protocol negotiates the communication port, for example active FTP, you cannot use that protocol to communicate across a service network.

## 1.5. KNOWN ISSUES

- **SKUPPER-274** - Skupper link site not working when using FIREFOX due to a missing function

An error occurs if you try to link sites using the Firefox browser.

### Workaround

Use the Chrome browser when creating links between sites using a browser.

- **SKUPPER-171** - Skupper policies don't work on OCP 3.11

You cannot apply the policy CRD to an OpenShift version 3.11 cluster.

### Workaround

Upgrade OpenShift to version 4.



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