

IPv6 Support

Overview

From version 6.0.0, Artifactory supports IPv6-enabled hosts. IPv6 support allows users to configure an IPv6 `context.url` in the `ha-node.properties`, which serves as the address used to connect an Artifactory node to its peers over REST or TCP when required.

Page Contents

- [Overview](#)

The following guidelines apply when configuring IPv6:

- IPv6 addresses should be enclosed within square brackets, regardless of whether or not an explicit port is specified.
- The `context.url` parameter is the only place that requires specifying an explicit IP address rather than a DNS hostname (unless the `hazelcast.interface` property is also used).
- Artifactory does not support setting an Artifactory “[Base URL](#)” that contains an explicit IPv6 address, nor does it support specifying remote server URLs (where available) or authentication providers (LDAP server / SAML server, etc) that contain IPv6 addresses.
- Artifactory is compatible with hostnames that resolve to either IPv6 or IPv4 addresses.

The following example shows how an IPv6 address can be used to configure an IPv6 address for the `context.url` parameter:

```
context.url=http://[5a01::b011:81c:c101]:8081/artifactory
```

Or, alternatively, if you need to use a DNS host name for the `context.url` for whatever reason, use the following system property in addition to the `context.url`:

```
hazelcast.interface=[5a01::b011:81c:c101]
```

Note that in HA, with Hazelcast enabled (this is the default configuration), the following parameter is required for Hazelcast to be able to bind to an IPv6 enabled interface (add this to the `$ARTIFACTORY_HOME/etc/artifactory.system.properties` file):

```
hazelcast.prefer.ipv4.stack=false
```

Note: The Replicator and Access Federation are not supported to work over IPv6. Support for this will be added in forthcoming releases.