

Read Me for the JUNOScope URL Interface Demo Web Application

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This Read Me describes how to set up and launch the JUNOScope URL Interface Demo Web Application. This Read Me includes the following topics:

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Overview

You can launch JUNOScope from an external Web application, and go directly to a specified JUNOScope page without having to log in using the JUNOScope login page, via an addressable URL. If you use other management applications and want to use the features provided by JUNOScope, you can provide URLs in your application to features in JUNOScope. This demo Web application demonstrates how an external Web application or stand alone management application can access JUNOScope directly through a browser without using the JUNOScope login page.

Setting Up the JUNOScope URL Interface Demo Web Application

This section describes how to set up the JUNOScope URL Interface Demo Web Application. To set up the JUNOScope URL Interface Demo Web Application, you need to perform the following tasks, in order:

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Installing and Configuring a Demo Instance of the JUNOScope Server

To install and configure a demo instance of the JUNOScope server, follow these steps:

1. Install a demo instance of the JUNOScope Server.

Install JUNOScope Release 8.4 or above. See the *JUNOScope Software Release Notes* for installation requirements and the procedure for installation.



This demo instance of the JUNOScope server should not be deployed in a production environment.

2. Start the JUNOScope demo server using the following command:

```
% <install-directory> /jtk/rc.d/jtk start
```

where *<install-directory>* is the directory where JUNOScope is installed.

3. Open a browser and enter the following URL:

```
https://<hostname>:<port-number>/jtk
```

where *<hostname>* is the name of the server on which JUNOScope is installed and *<port-number>* is the port on which JUNOScope listens for HTTPS requests. If you do not specify a port number, the default port 8443 will be used.

4. Log in to JUNOScope using the administrator account created during installation.
5. Create the following demo user accounts: demo-admin, demo-rwuser, and demo-rouser. using the command Home > Settings > Users > Local Authentication > Add, and entering the following information:

User Name: **demo-admin**
Password: **admin123**
User Groups: **administrator**

User Name: **demo-rwuser**
Password: **rwuser123**
User Groups: **read-write user**

User Name: **demo-rouser**
Password: **rouser123**
User Groups: **read-only user**

6. Create two devices using the following commands and entering the following information:

Home > Settings > Authentication Information > Add
Authentication Information Name: **demo-auth**
Username: **demo-auth-user**
Password: **demo-auth-password**

Home > Settings > Access Methods > Add
Access Method Name: **demo-access**
Access Method Type: **clear-text**
Authentication Information: **demo-auth**

Home > Settings > Devices > Add
DNS Name or IP Address: *demo-device1*
Access Method: **demo-access**
DNS Name or IP Address: *demo-device2*
Access Method: **demo-access**

Where *demo-device1* and *demo-device2* are the DNS Name or IP Address of the demo devices you are creating.

For a non-existing device, select the check box "Force device add". In case a non-existing device name is used, then no live device data would be displayed when the Looking Glass page is launched, If you need to present live data in Looking Glass, you must provide actual device name, and matching access method, and authentication information configured in the device. Otherwise, use the demo data.

Downloading the JUNOScope URL Interface Demo Web Application

You can download the JUNOScope URL Interface Demo Web Application (*jtk-url-interface-demo-1.0.war*) from the JUNOScope download site, from where you download JUNOScope software.

Copying the JUNOScope URL Interface Demo Web Application to the JUNOScope Install Directory

To copy the downloaded JUNOScope URL Interface Demo Web Application (*jtk-url-interface-demo-1.0.war*) to the JUNOScope install directory, type the following command:

```
% cp <download-directory>/jtk-url-interface-demo-1.0.war  
<install-directory>/tomcat/webapps
```

where *<download-directory>* is the directory to which *jtk-url-interface-demo-1.0.war* has been downloaded. and *<install-directory>* is the directory where the demo instance of the JUNOScope server is installed.

Editing the Properties File

To edit the properties file, follow these steps:

1. Change to the directory where the properties file is stored:

```
% cd  
<install-directory> /tomcat/webapps/jtk-url-interface-demo-1.0/WEB-INF/classes/
```

where *<install-directory>* is the directory where the demo instance of the JUNOScope server is installed.

2. Edit the properties file, `urlInterface.prop` by adding the appropriate values for the properties given below:

- `JUNOScopeServer = https://<hostname>:<port-number>` (URL of the demo instance of the JUNOScope server configured earlier)

where *<hostname>* is the name of the server on which JUNOScope is installed and *<port-number>* is the port on which JUNOScope listens for HTTPS requests. If you do not specify a port number, the default port 8443 will be used.

- `admin-username = demo-admin`
(Username of the demo superuser configured in the demo instance of the JUNOScope server)
- `admin-password = admin123`
(Password of the demo superuser configured in the demo instance of the JUNOScope server)
- `rw-username = demo-rwuser`
(Username of the demo read-write user configured in the demo instance of the JUNOScope server)
- `rw-password = rwuser123`
(Password of the demo read-write user configured in the demo instance of the JUNOScope server)
- `ro-username = demo-rouser`
(Username of the demo read-only user configured in the demo instance of the JUNOScope server)
- `ro-password = rouser123`
(Password of the demo read-only user configured in the demo instance of the JUNOScope server)

- device1 = **demo-device1**
(Name of the first demo device configured in the demo instance of the JUNOScope server; use the name of a real device, to view actual Looking Glass data)
- device2 = **demo-device2**
(Name of the second demo device configured in the demo instance of the JUNOScope server; use the name of a real device, to view actual Looking Glass data)

Restarting the Demo Instance of the JUNOScope Server.

To restart the demo instance of the JUNOScope server, follow these steps:

1. Stop the JUNOScope server by typing the following command:

```
% <install-directory>/jtk/rc.d/jtk stop
```

where *<install-directory>* is the directory where the demo instance of the JUNOScope server is installed.

2. Start the JUNOScope server by typing the following command:

```
% <install-directory>/jtk/rc.d/jtk start
```

where *<install-directory>* is the directory where the demo instance of the JUNOScope server is installed.

Launching the JUNOScope URL Interface Demo Web Application

To launch the JUNOScope URL Interface Demo Web Application, follow these steps:

1. Start your Web browser.
2. Enter the following URL in your Web browser Address text box:

```
https:// <hostname> : <port-number> /jtk-url-interface-demo-1.0/
```

where *<hostname>* is the name of the server on which JUNOScope is installed and *<port-number>* is the port on which JUNOScope listens for HTTPS requests. If you do not specify a port number, the default port 8443 will be used.

3. Press Enter. The URL Interface Demo window appears.

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