# Managing the List of Brokers with SMH

- Creating a Local Broker
- Deleting a Local Broker
- Adding a Remote Broker Instance to System Management Hub
- Removing a Remote Broker Instance from System Management Hub
- Stopping All Local Brokers from System Management Hub
- Setting the User Credentials for a Broker Instance
- Clearing the User Credentials for a Broker Instance
- Setting SSL or TLS Parameters

See also Administration Service Messages.

### **Creating a Local Broker**

#### To create a local broker

- 1. Select the EntireX Broker node below the EntireX node in System Management.
- 2. From the context menu, choose Create Local Broker.
- 3. Enter **Broker ID**, **TCP Port Number**, and **SSL Port Number**. The valid port number range is 1024 65535.
- 4. Select a transport method.
- 5. Choose OK.

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ETB001 Add Remote Broker	Broker Name	ETB003 *
Stop all Brokers	TCP Port	1973
	SSL Port	22223
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When a local broker is added using SMH, a working directory is created for the new broker in the EntireX directory *config/etb*. This directory contains an attribute file, and the SSL certificates from the EntireX directory *config/etb* are also copied to this directory. If the broker is to use its own SSL certificates, these must be replaced or the attribute file modified accordingly.

The attributes of the new broker are checked. If, for example, a broker already exists with the specified port, a corresponding error message is given.

#### **Deleting a Local Broker**

To delete a local broker

- 1. Select the EntireX Broker node below the EntireX node in System Management.
- 2. Select the broker name to be deleted.
- 3. From the context menu, choose **Delete Broker**.
- 4. Choose OK.



# Adding a Remote Broker Instance to System Management Hub

To add a remote broker instance to System Management Hub

- 1. Select the EntireX Broker node below the EntireX node in System Management.
- 2. From the context menu, choose Add Remote Broker.
- 3. In the field Broker Name, enter a valid name. Permitted characters are A-Z, a-z, 0-9.
- 4. In the field **Broker ID**, enter the ID of an existing broker. Permitted formats: host:port[:protocol], protocol://host:port[?sslparameters].

5. Choose OK.

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Function **Add Remote Broker** creates a directory for a remote broker. The working directories for a remote broker start with "RB". This directory contains an attribute file with the URL of the remote broker. This directory will also be used for transferring the log and attribute files to or from the remote broker. If the broker can only be addressed using the SSL protocol, the SSL certificates should also be stored in this directory. When a remote broker is added, the default SSL certificates from the EntireX *config/etb* directory are copied to the working directory of the remote broker. If this broker is to use other certificates, replace them manually.

## **Removing a Remote Broker Instance from System Management Hub**

- To remove a remote broker instance from System Management Hub
  - 1. Select the EntireX Broker node below the EntireX node in System Management.
  - 2. Select the remote broker instance to be removed.
  - 3. From the context menu, choose **Remove Definition**.
  - 4. Choose OK.

webMethods EntireX 8.2     webMethods EntireX 8.2	Remove Definition Are you sure you want to remove the definition for 'host02:1972'?
<ul> <li>kost02:19</li> <li>Authorization</li> <li>Authorization</li> <li>Location Trans</li> <li>Java Message</li> <li>Java Message</li> <li>RPC Server</li> <li>Technical Info</li> <li>Versions</li> <li>Versions</li> <li>Windows Settings</li> <li>Entire's SMH Environment</li> <li>Java Properties</li> <li>License Information</li> </ul>	OK Cancel

### **Stopping All Local Brokers from System Management Hub**

> To stop all local brokers from System Management Hub

- 1. Select the EntireX Broker node below the EntireX node in System Management.
- 2. From the context menu, choose **Stop All Brokers**.
- 3. Choose the stop mode.
- 4. Choose **OK** to confirm deregistration.

	<u> </u>	Stop All Brokers
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ETB002		⊙ ignore connected servers
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### Setting the User Credentials for a Broker Instance

Before a remote broker instance or instance of a local broker that uses LDAP authentication can be administered, user credentials (user ID and password) must be set.

#### **To set user credentials**

- 1. Select the EntireX Broker node below the EntireX node in System Management.
- 2. Select the broker instance.
- 3. From the context menu, choose Set User Credentials.
- 4. Enter a User ID and Password that are valid for the broker instance.
- 5. Choose OK.
- 6. Choose **OK** when the success message is displayed.

webMethods EntireX 8.2      Get EntireX Broker      Get EntireX Broker      Get ETB001	Set User Credentials	*		
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#### **Clearing the User Credentials for a Broker Instance**

Once a remote broker instance has been administered, the user credentials should be cleared.

#### To clear user credentials

- 1. Select the EntireX Broker node below the EntireX node in System Management.
- 2. Select the broker instance.
- 3. From the context menu, choose Clear User Credentials. A confirmation screen will appear.
- 4. Choose OK or Cancel.
- 5. Choose **OK** when the success message is displayed.

## **Setting SSL or TLS Parameters**

To edit a broker SSL file

- 1. Select the **EntireX Broker** node below the **webMethods EntireX** node in System Management Hub.
- 2. Select the broker name to be administered.
- 3. Choose SSL Parameters.
- 4. Make your changes.
- 5. Choose Save.

