



# Business Process Monitor

Software Version: 9.50IP1

## Business Process Monitor - Local Client

Document Release Date: August 2018

Software Release Date: August 2018

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- Submit and track support cases and enhancement requests
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# BPM Local Client

Local Client is a non – browser based tool which enables you to launch the Business Process Monitor User Interface without a web browser.

**NOTE:**


Applet APIs are deprecated from Java 9 onwards.

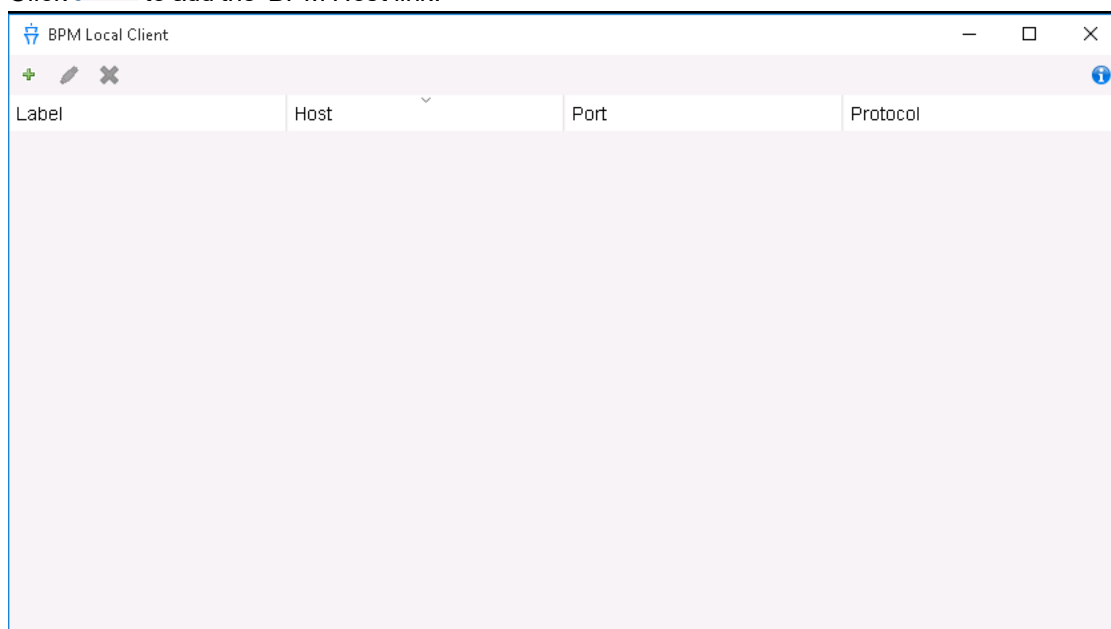
## Support Matrix

- **Supported OS:** Windows 64 bit.
- **Supported BPM versions:** BPM 9.26, BPM 9.26IP, BPM 9.30, BPM 9.40 and BPM 9.50.

## Launch BPM UI using Local Client

1. Download the **Local Client Zip** file from [Software Support](#).
2. Click **Save** and extract the contents in a folder.
3. Run the **.bat** installer file to start the Local Client.

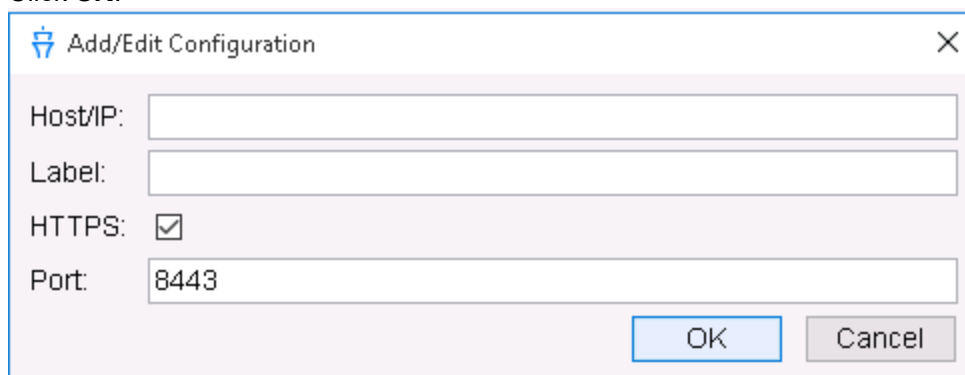
4. Click  to add the BPM Host link.



5. Enter the BPM Host details:
  - **Host/IP:** Enter the BPM Host and Domain address
  - **Label:** Provide a name to the Host.

- **HTTPS:** Mark the check box if applicable.
- **Port:** Use the default Port number or enter a new Port number.




Click **OK**.

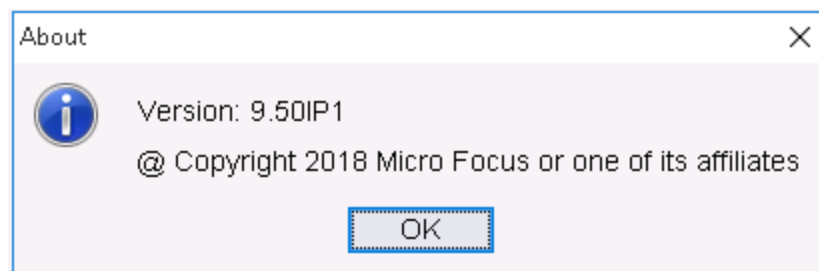


The screenshot shows a dialog box titled "Add/Edit Configuration". It has a close button (X) in the top right corner. The dialog contains the following fields and controls:

- Host/IP: [Empty text box]
- Label: [Empty text box]
- HTTPS:
- Port: [Text box containing "8443"]
- Buttons: "OK" and "Cancel" at the bottom right.

BPM URL is added. Repeat the above steps to add multiple Hosts.

6. Click on the Host link under the Label Column to launch Business Process Monitor User Interface.  
**Note:** While BPM is connecting to the port, all the BPM jars are downloaded and saved in the location where the extracted files are saved.
7. Select Host and click  to edit Host address.
8. Click  to delete Host.
9. Click  to view the version of BPM.



## Add CA certificate for authentication

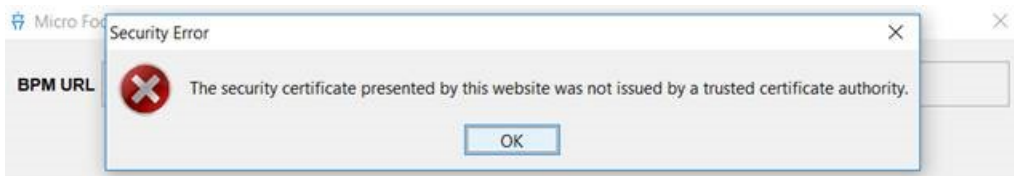
If SSL is enabled, you need to add the CA certificates. Follow these steps to add the CA certificates :

1. Open the **java** file from the folder where Local Client.zip contents are saved.
2. To import the certificates to **cacerts**, go to **java > lib > security > cacerts**
3. Run the following command to establish trust for each certificate:

```
cd <Extracted folder_name>:\BPM\java\bin
```

```
keytool -import -trustcacerts -alias <your server> -keystore <truststore path> -  
file <path to certificate>
```

If CA certificates are not added, the below error message is displayed.



## Configure Proxy

Configure the proxy to enable connection between the servers. Open `bpm-client-start.bat` file and add the proxy configuration on Line 2 after `java\bin\java -cp libs\*` -

For Example: `-Dhttp.proxyHost=<Proxy_name> -Dhttp.proxyPort=<Proxy_port>`

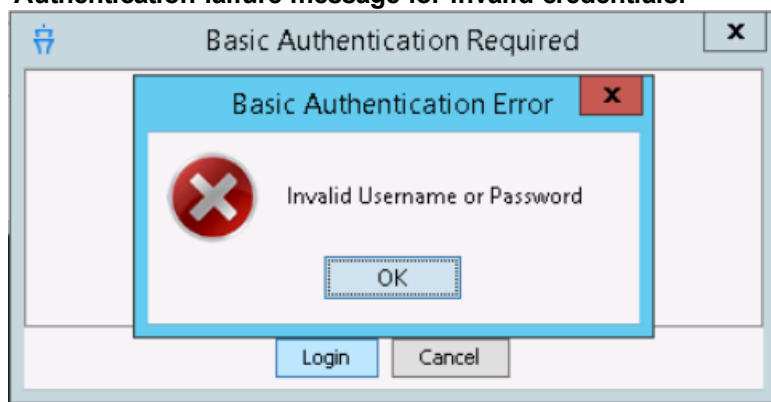
## Limitations

BPM Local Client does not support the following:

- HTTPS proxy.
- Proxy with authentication.
- Proxy scripts. (.pac files).
- Client authentication / CAC (Common Access Card).

## Troubleshooting

- **When BPM URL is not valid or not reachable:**  
Check the error log files located in **Extracted folder\_name > logs > bpmlocalclient.log** for the error message.
- **Authentication failure message for invalid credentials:**



- Perform the following steps to Set User Credentials:
  1. Stop BPM. Perform the below steps on Windows Program menu.

**Windows 7, 2008:** Select **Start > Programs > Business Process Monitor > Stop Business Process Monitor Service**



**Windows 8.1, 10, 2012:** Select **Windows > Run > Services.msc > Stop BPM.**

2. If you are setting the whole BPM to run as a specific user, ensure that no individual BPM instances are set to run as a specific user.  
**Windows:** User must be part of the Windows Authentication group.
3. In the Actions menu, select the **User Credentials** option . The Set User Credentials on **Agent dialog** box opens.
4. In the Set User Credentials on **Agent Dialog** box, select **Other user.**

User Interface elements are described below:

UI Element	Description
<b>System User</b>	Select this radio button to configure BPM to run as the system user.
<b>Other User</b>	Select this radio button to configure BPM to run as specific user and enter the following information: <ul style="list-style-type: none"><li>o <b>Name:</b> The specific user name.</li><li>o <b>Password:</b> The password for the specific user.</li><li>o <b>Domain:</b> The domain of the specific user.</li></ul>

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