

Transport adaptor for FIXEdge C++

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Dynamic endpoint configuration

Monitoring a server's transport adaptor endpoints

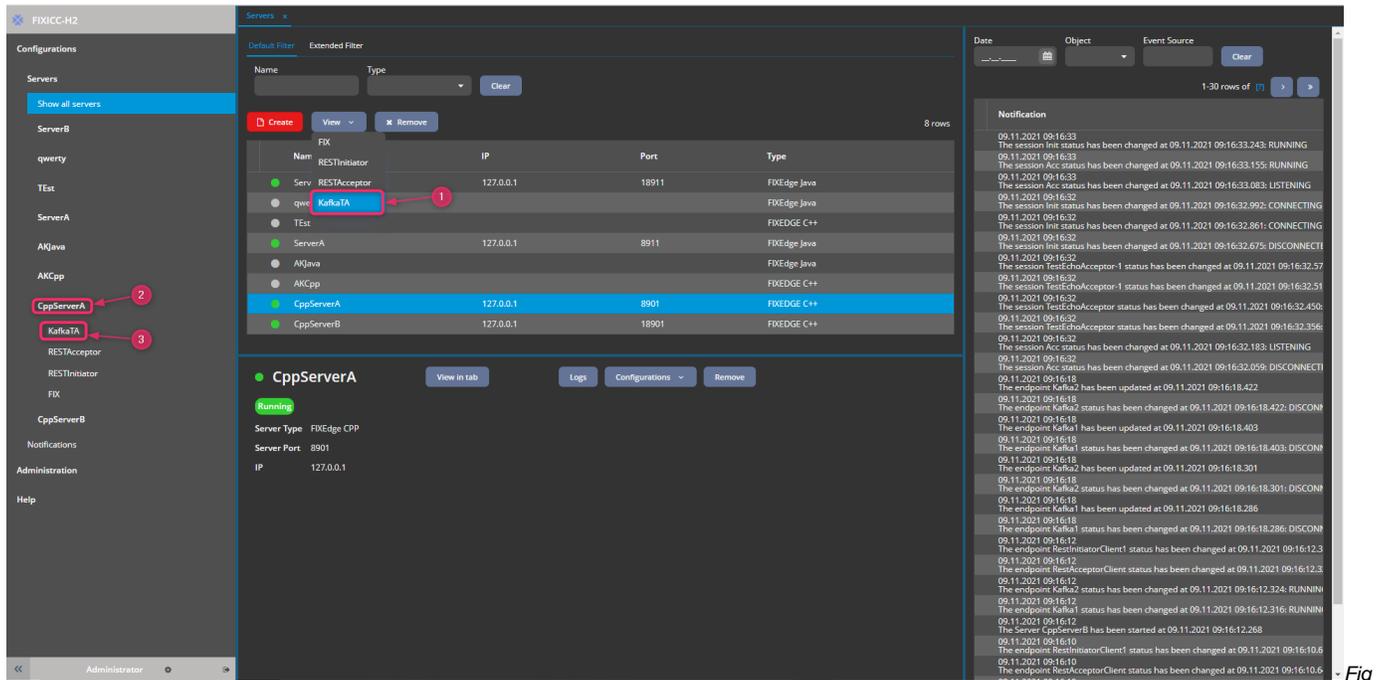
If there are one or more configured [transport adaptors](#) for a given server, you can monitor the dynamic state of a transport adaptor's endpoints on a single page.

Please note that:

- Monitoring transport adaptors is only possible for healthy servers
- Transport adaptors should be configured in the FIXEdge C++ properties file

To monitor endpoints, use one of the following options:

- In the **View** drop-down menu on the top panel, select an adaptor (item 1 in the figure below)
- In the left-side menu, select a server (item 2 in the figure below) and an adaptor (item 3 in the figure below)



ure. The **Servers** page.

You should now be able to see the following layout with a list of the configured endpoints for the given adaptor:

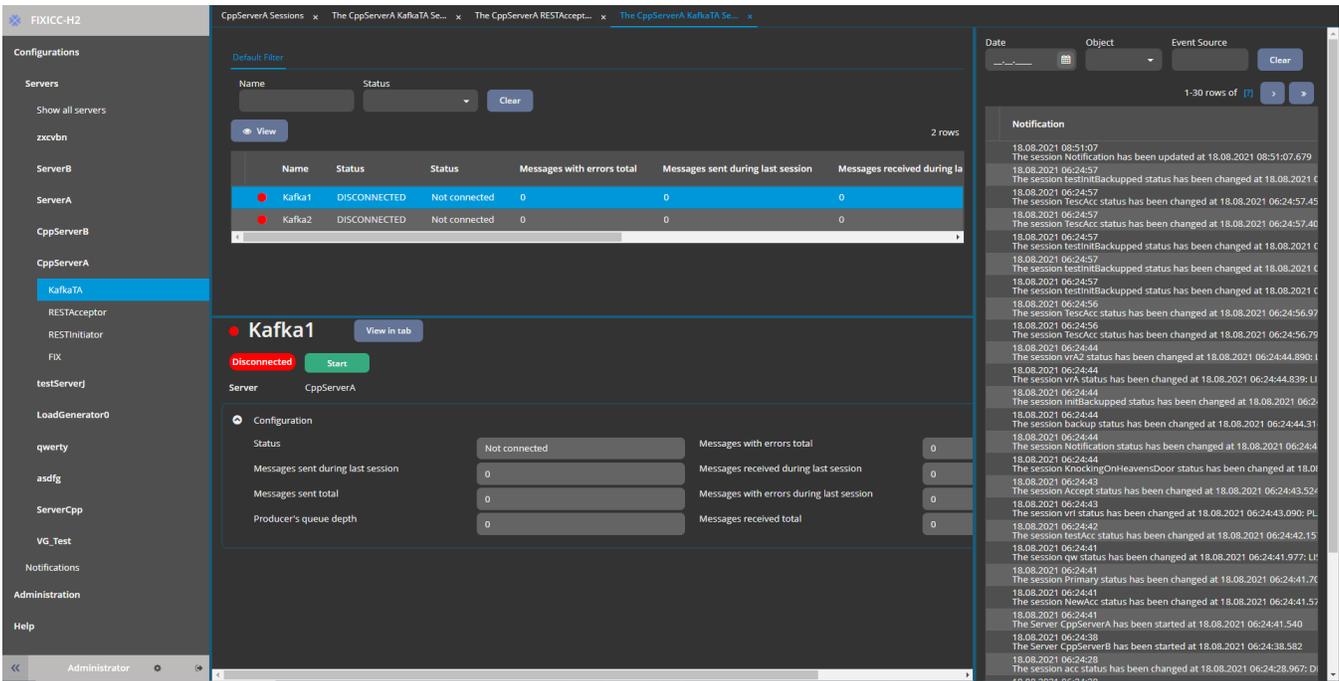


Figure. The Server <adaptor Name> Endpoints page.

The table shows the actual set of endpoints received from FIXEdge C++.

- To monitor changing endpoint parameters and endpoint states, stay on the page. The dynamic and static endpoint parameters are changed as a response to endpoint events during the connection.
- The frequency with which metrics are updated can be configured. The default frequency is 1 second.

In the first column, the endpoint status indicator shows the dynamic status of each endpoint configured for the selected transport adaptor:

Indicator	Status	Endpoint status
	Planned	the endpoint is planned to be added to the configuration (a message cannot be sent to endpoints in the planned state)
	Connecting/ Reconnecting	the endpoint is connecting
	Running	the endpoint is running
	Disconnected	the endpoint is disconnected

You can filter the list of endpoints by dynamic status by using the **Status** column.

Filtering

You have the ability to filter the endpoints list by using the **Default Filter**.

You can filter endpoints by **Name** and **Status** or a combination of them.

The Default Filter depends on the type of objects that are shown on the current page.

- To use the Default Filter, type or select a value in the Default Filter fields.
- To start a search, move the focus from the completed field or press **Enter**.
- To reset the search results:

- Click **Clear** (item 1 in the figure below)

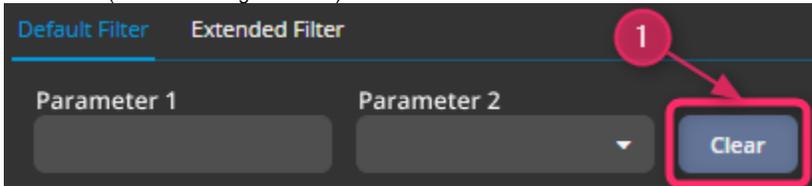


Figure. Default Filter.

- Or click **Clear** in the context menu (as shown below)

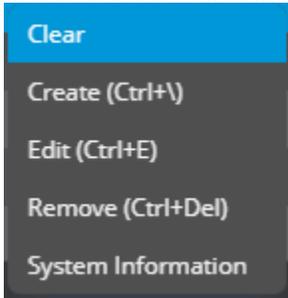


Figure. The **Clear** context menu item.

Then you can see a full list of rows.

Endpoint Dynamic State

The **Endpoint Dynamic State** page contains:

- the session dynamic parameters
- parameters of static configuration
- start/stop operation

All information is updated in real time.

Navigation

There are two ways to view the **Endpoint Dynamic State** page.

1. From the **Server <adaptor Name> Endpoints** page:
 - a. Click on a given endpoint in the **Table view** layout part
 - b. The FIXICC H2 displays the **Endpoint Dynamic State** page in the **Object info** layout part
 - c. *Optional.* To open the **Endpoint Dynamic State** page in a new tab, use one of the following options:
 - Click **View in the tab** in the **Object info** layout part (item 1 in the figure below)
 - Click **View (Enter)** in the context menu (item 2 in the figure below)
 - Double-click on the session
 - Or press **Enter** on your keyboard

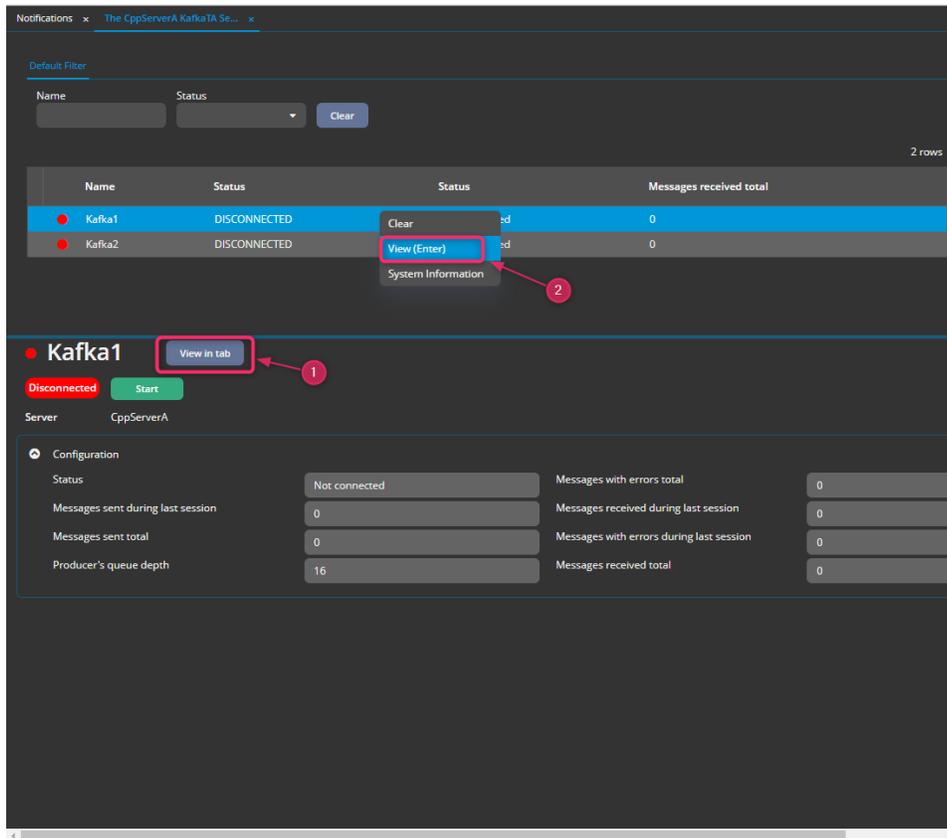


Figure. The **Server <adaptor Name> Endpoints** page.

2. From the **Notifications** page:
 - a. Click the desired endpoint's name

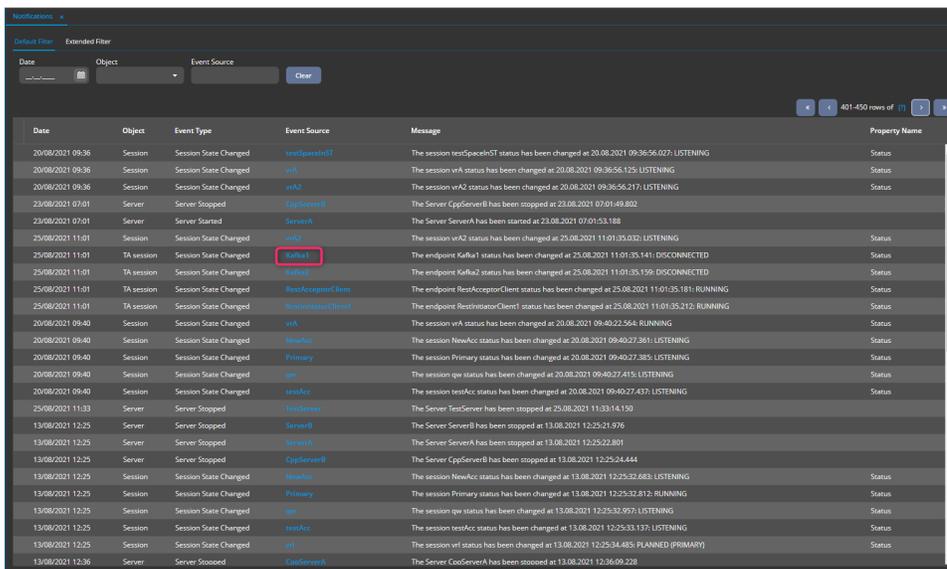


Figure. The **Notifications** page with the name of the selected endpoint.

b. FIXICC H2 opens the **Endpoint Dynamic State** page in a new tab:

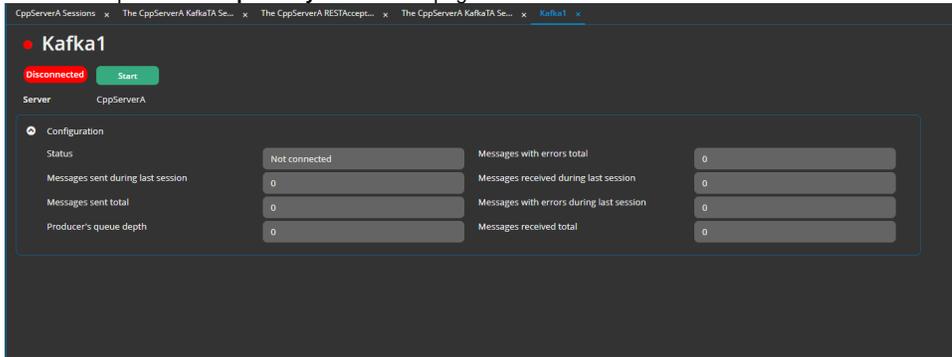


Figure. **Endpoint Dynamic State** page.