

# Transport adapter operations

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## Endpoint operations

Session operations are available from the **Endpoint Dynamic State** page.

To go to the **Endpoint Dynamic State** page:

1. Select a server from the **Servers** page
2. Go from the **Servers** page to the **Server <Adapter Name> Endpoints** page using one of the following options:
  - Clicking **<Adapter Name>** in the **View** drop-down menu on the top panel
  - Clicking the server name item in the menu on the left-side and **<Adapter Name>** under the server name
3. To open the **Endpoint Dynamic State** page in a new tab, use one of the following options:
  - Click **View** on the top panel
  - Select **View** in the context menu
  - Double-click the session
  - Press **Enter** on the keyboard

The set of available operations depends on the dynamic endpoint status.

## Start an endpoint

To start a configured endpoint:

1. Make sure the endpoint displays the following status:
2. Click **Start** in either:

Disconnected

- The **Object info** part (see below)

The screenshot shows a web interface for managing endpoints. At the top, there's a 'Default Filter' section with input fields for 'Name' and 'Status', and a 'Clear' button. Below this is a table with 2 rows. The first row is highlighted in blue and shows a 'consumer1' endpoint with a 'DISCONNECTED' status. The second row shows a 'producer1' endpoint with a 'RUNNING' status. Below the table, there's a detailed view for the 'consumer1' endpoint, which is currently 'Disconnected'. A red box highlights the 'Start' button in this view. The detailed view includes a 'Configuration' section with various settings like 'key.deserializer', 'value.deserializer', 'topics', 'group.id', 'bootstrap.servers', 'topic.regex', and 'state'.

Name	Status	key.deserializer	value.deserializer	topics	group.id
consumer1	DISCONNECTED	org.apache.kafka.common.serialization.StringDeserializer	com.epam.fej.kafka.FIXMessageEventDeserializer	consumer	kafka_consumer
producer1	RUNNING				

**consumer1** Disconnected Start View in tab

Server: ServerA AdapterName: KAFKA

Details Metrics

Configuration

key.deserializer	org.apache.kafka.common.serialization.String	value.deserializer	com.epam.fej.kafka.FIXMessageEventDe
topics	consumer	group.id	kafka_consumer
groups	kafka_consumer	bootstrap.servers	localhost:9092
topics.regex	topic.*	fej.store.and.forward	true
state	RUNNING	client.id	consumer1

Figure. Start the endpoint from the **Object info layout** part.

or

- The **Endpoint Dynamic State** page (see below)

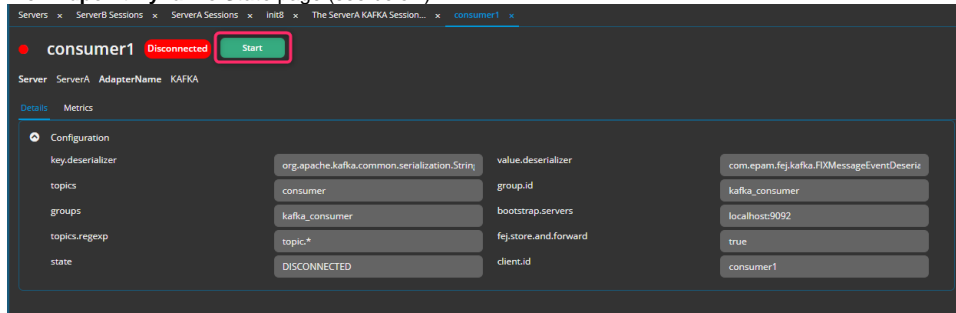


Figure. Start the endpoint from the **Endpoint Dynamic State** page.

3. The FIXICC H2 displays the following confirmation form:

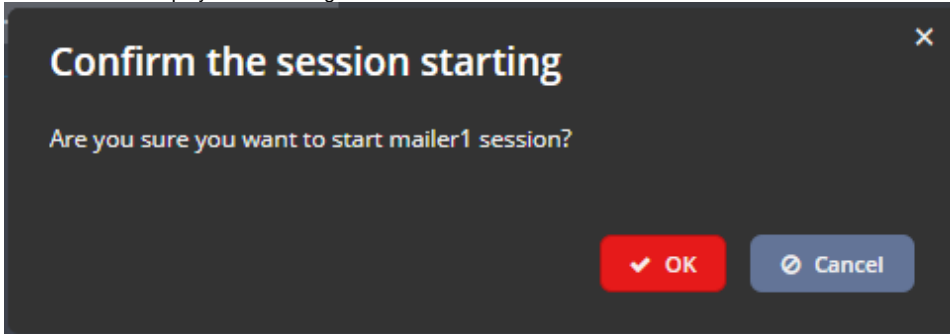



Figure. Confirm the endpoint starting.

4. To finish:
  - Click **OK** to complete the operation
  - or
  - Click **Cancel** to cancel the operation

 If for some reason FIXEdge can't complete this operation, FIXICC H2 displays an error form.  
If the operation can't be finished, the endpoint dynamic status won't be changed.

## System response

1. FIXEdge starts the connection
2. The endpoint changes its current dynamic status to "Running"
3. The color indicator on FIXICC H2 turns green

## Stop a session

To stop a started session:

1. Make sure the session displays the following status:
2. Click **Stop** in either:



- The **Object info** layout (see below)

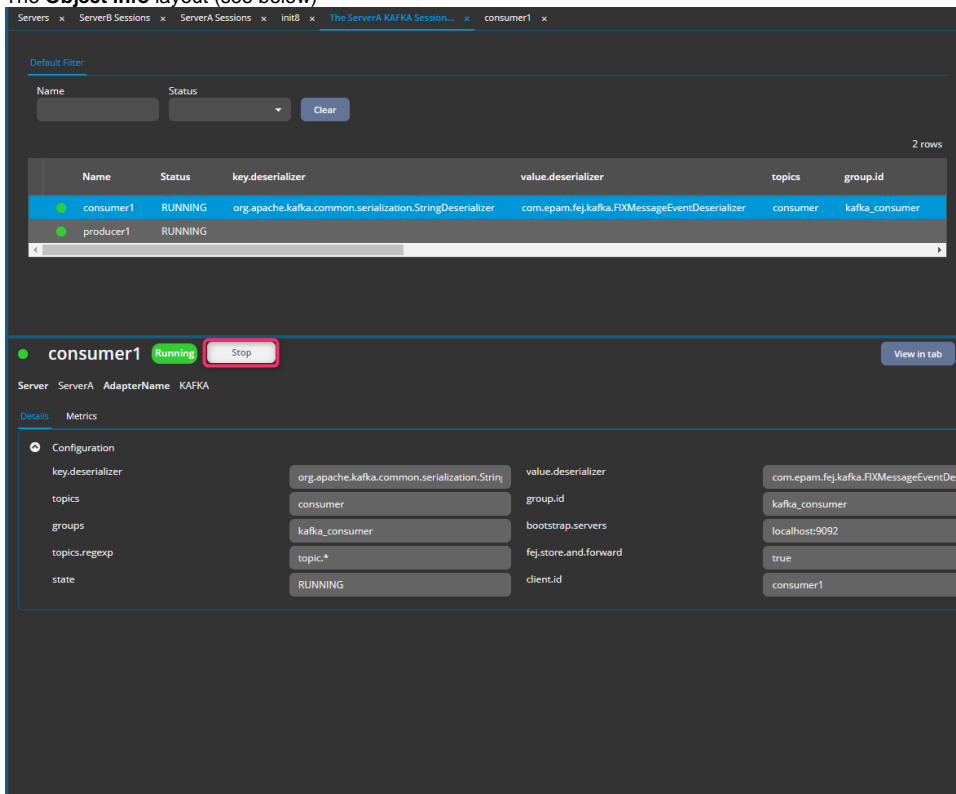


Figure. Stop the endpoint from the **Object info** layout part.

or

- The **Endpoint Dynamic State** page (see below)

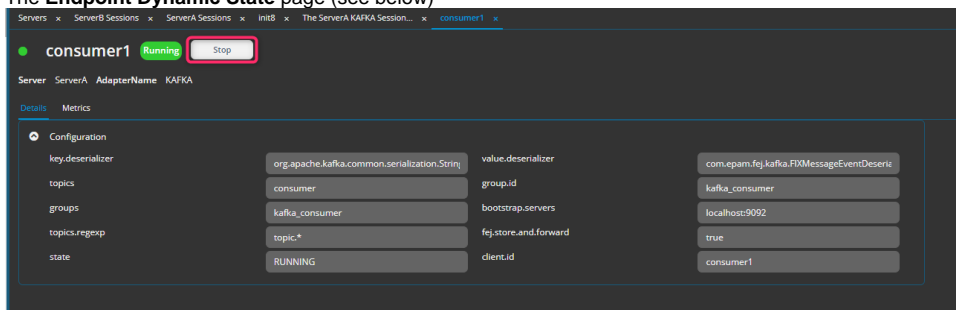


Figure. Stop the endpoint from the **Endpoint Dynamic State** page.

3. When you click **Stop**, FIXICC H2 displays the following confirmation form:

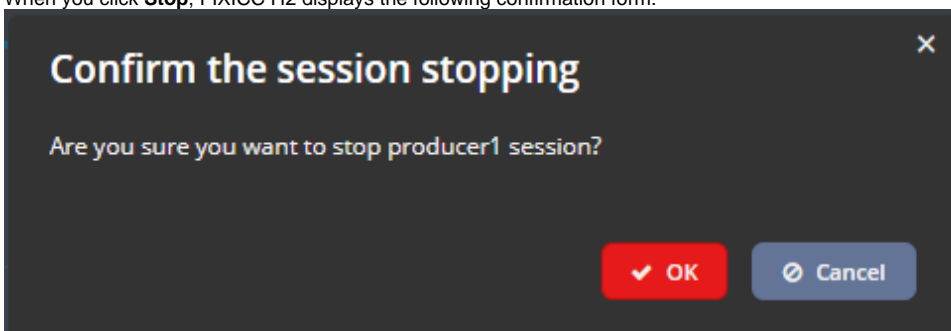


Figure. Confirmation form for the stop operation.

4. Click **OK** to confirm the operation or **Cancel** to cancel the operation



If for some reason FIXEdge can't complete this operation, FIXICC H2 displays an error form.

If the operation can't be finished, the endpoint dynamic status won't be changed.

## **System response**

1. FIXEdge shuts the connection down
2. The endpoint changes its current dynamic status to "Disconnected"
3. The color indicator on FIXICC H2 turns red