


### SSL - JNDI Configuration

- Configure Connection Factory in factories.conf

```
[SSLTopicConnectionFactory]
type                = topic
url                 = ssl://7333
ssl_verify_host     = disabled
ssl_trusted         = /opt/tibco/soa/ems/8.2/samples/certs/server_root.cert.pem
```
- Configure JNDI Resource in TIBCO Business Studio



The screenshot shows the TIBCO Business Studio interface. On the left, a tree view shows a project named 'ems201project'. Under it, there is a 'JMS Connection' resource and a 'JNDI Configuration' resource. The 'JMS Connection' resource is selected, and its properties are shown on the right. The 'Basic Configuration' tab is active, showing the following settings: Connection Factory Type: JNDI, Messaging Style: Queue/Topic, Queue Connection Factory: SSLQueueConnectionFactory, Topic Connection Factory: SSLTopicConnectionFactory, and JNDI Configuration: ems201project.SSLJNDIConfiguration. The 'JNDI Configuration' resource is also selected, and its properties are shown on the right. The 'JNDI Connection' tab is active, showing the following settings: JNDI Provider: TIBCO EMS, Initial Context Factory: com.tibco.tibjms.naming.TibjmsInitialContextFactory, and Naming Provider URL: tibjmsnaming://localhost:7333. Red boxes and arrows highlight the 'JMS Connection' and 'JNDI Configuration' resources and their respective configuration tabs.

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To use JNDI for connection factory, you need to configure factories.conf file. You can create two JNDI names, one for topic and another for queue e.g. SSLTopicConnectionFactory and SSLQueueConnectionFactory. When TIBCO BusinessWorks client makes connection to TIBCO EMS Server using JNDI for Connection Factory, the settings specified in factories.conf are applied. You can disable or enable verifying host.

To configure JNDI for Connection Factory in TIBCO Business Studio, you first create a JNDI Connection Resource and then create a JMS Connection Resource to reference it. The JMS Connection Resource must specify the JNDI names as configured in factories.conf.