WSO2-2025-4494 - Use case 1

You don't have any clients that use mTLS to connect to the WSO2 products.

For WSO2 Identity Server

Your deployment is secure with the following configuration; no further action is needed. If it's missing or set with another value, add or update it to secure your deployment.

- For IS 5.9.0 and above; IS KM 5.9.0 and above:
  `<PRODUCT_HOME>/repository/conf/deployment.toml`

  ```
  [transport.https.sslHostConfig.properties]
  certificateVerification = "none"
  ```

- For IS 5.8.0 and below; IS KM 5.7.0 and below:
  `<PRODUCT_HOME>/repository/conf/tomcat/catalina-server.xml` under the https `Connector` (The `Connector` element with `"SSLEnabled="true"`)

  ```
  clientAuth="none"
  ```

The above configuration will disable mTLS. Therefore, WSO2 products will not accept client certificates for System REST API or SOAP service authentication when your deployment does not intend to use them.

For WSO2 API Manager and WSO2 Open Banking AM

Your deployment is secure if the following configuration is **not available**. If this configuration is present, assess whether mTLS is necessary for your use cases. If not, disable mTLS by removing the configuration.

- APIM 3.0.0 and above; OB AM 2.0.0:
  `<PRODUCT_HOME>/repository/conf/deployment.toml`

  Verify whether you have `certificateVerification` enabled by using any of the values: `required`, `optional`, `true`, `want`.

  As shown in the following example:
  ```
  [transport.https.sslHostConfig.properties]
  certificateVerification = "required"
  ```

- APIM 2.6.0 and below; OB AM 1.5.0 and below:
  `<PRODUCT_HOME>/repository/conf/tomcat/catalina-server.xml` under the https `Connector` (The `Connector` element with `"SSLEnabled="true"`)

  Verify whether you have `clientAuth` enabled by using any of the values: `required`, `optional`, `true`, `want`.

  As shown in the following example:
  ```
  clientAuth="true"
  ```