

## **Remote SERVER Configuration:**

**Pre Requirement:** OVC Service should be running in SOM server

### **1. Create Server Certificate:**

#### **Pre Requirement for Linux System:**

System Admin should add **nmsproc** user to sudo group in **sudoers** file using following code

Note: [root@localhost ] # visudo ( use this command to edit sudoers file)

```
nmsproc ALL=(ALL) NOPASSWD: ALL
```

```
Defaults:nmsproc !requiretty
```

( tty need to disable in sudoers file using above code)

#### **Pre Requirement for Windows System: Not Required**

**URL:** http://<SOM>/som-ws/rs/config/dataTransferCertConfig?certserver=<OBR IP>

**input :**<OBR-IP>

Description: :<OBR-IP> – IP Address of OBR Server

#### **Resource Name:**

config/dataTransferCertConfig

#### **Request Url:**

URL: <http://localhost:port/som-ws/rs/config/dataTransferCertConfig>

#### **Support Method:**

POST

#### **Parameter:**

**GET:**

certserver=<OBR-IP>

**example:**

<http://localhost:port/som-ws/rs/config/dataTransferCertConfig?certserver=198.198.198.123>

**Request Content:**

NA

**Response Content:**

xml/json

**Pagination Support:**

NO

**Description:**

Create Server Certificate for given IP ADDRESS.

**2. Data Transfer Configuration:**

**URL:** http://<SOM>/som-ws/rs/config/dataTransferConfig?remoteServer=<OBR IP>&remoteFolder=<OBR Folder Location>& remoteServerType=<HDB>

**Input:** <OBR-IP>, <REMOTE FOLDER>, <REMOTE SERVER TYPE>

<OBR-IP> : IP Address of OBR SERVER

<REMOTE FOLDER> : OBR Folder Location

<REMOTE SERVER TYPE>: OBR Server Type (HDB/OBR)

**Resource Name:**

config/dataTransferConfig

**Request Url:**

URL: <http://localhost:port/som-ws/rs/config/dataTransferConfig>

**Support Method:**

POST

**Parameter:**

**GET:**

remoteServer=<OBR IP>

remoteFolder=<OBR Folder Location>

remoteServerType=<HDB>

**example:**

[http://localhost:port/som-ws/rs/config/dataTransferConfig?  
?remoteServer=198.195.198.198&remoteFolder=opt/OV/remote&remoteServerType=OBR](http://localhost:port/som-ws/rs/config/dataTransferConfig?remoteServer=198.195.198.198&remoteFolder=opt/OV/remote&remoteServerType=OBR)

**Request Content:**

NA

**Response Content:**

xml/json

**Pagination Support:**

NO

**Description:**

Create Remote Server Configuration for Data Transfer To Remote Server.

**3. Test Data Transfer Configuration:**

**URL:** http://<SOM>/som-ws/rs/config/testDataTransfer

**Input:** NA

**OUTPUT:** It check the data Transfer Status.

**Resource Name:**

config/dataTransferConfig

**Request Url:**

URL: http://localhost:port/som-ws/rs/config/testDataTransfer

**Support Method:**

GET

**Parameter:**

NA

**example:**

<http://localhost:port/som-ws/rs/config/testDataTransfer>

**Request Content:**

NA

**Response Content:**

xml/json

**Pagination Support:**

NO

**Description:**

This API Return the data transfer status for all configure Remote Server.

#### **4. REMOVE REMOTE SERVER:**

**URL:** http://<SOM>/som-ws/rs/config/removeRemoteServer

**Input:** <REMOTE SERVER>/<OBR IP>

**Resource Name:**

config/removeRemoteServer

**Request Url:**

URL: http://localhost:port/som-ws/rs/config/removeRemoteServer

**Support Method:**

POST

**Parameter:**

**GET:**

remoteserver

**example:**

<http://localhost:port/som-ws/rs/config/removeRemoteServer?remoteserver=198.198.0.1>

**Request Content:**

NA

**Response Content:**

xml/json

**Pagination Support:**

NO

**Description:**

This API Remove remote server on given IP Address.

**5. OBRDB Configuration:**

**URL:**http://<SOM>/som-ws/rs/config/shrDBConfigForAnalytics

**Input:** < OBR DB HOST>, < OBR DB PORT>,< OBR DB USERNAME>, < OBR DB PASSWORD>

< OBR DB HOST>: OBR Data Base Host Name

< OBR DB PORT>: OBR Data Base Port Number

< OBR DB USERNAME>: OBR Data Base Username

< OBR DB PASSWORD>: OBR Data Base Password

**Resource Name:**

config/shrDbConfigForAnalytics

**Request Url:**

URL: http://localhost:port/som-ws/rs/config/shrDBConfigForAnalytics

**Support Method:**

POST

**Parameter:**

**POST:**

Data Type	Parameter
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```
String shrdbhost;  
String shrdbport;  
String shrdbuser;  
String shrdbpwd;
```

**example:**

<http://localhost:port/som-ws/rs/config/shrDBConfigForAnalytics>

**Request Content:**

NA

**Response Content:**

xml/json

**Pagination Support:**

NO

**Description:**

This API Create OBRDB Configuration on SOM Server.

**Sample Rest Client Program:**

```
WSCertificateClient ws = new WSCertificateClient();  
    //Content Type  
    ws.setContentType("application/json");  
    ws.setAccept("application/xml");  
    ws.setConnectionTimeoutInSeconds(60 * 60); //timeout of 1 hr  
    ws.setReadTimeOutInSeconds(60 * 60); //optional  
    //ws.setHostName("srmesx7-vm5.ind.hp.com");  
    ws.setHostName("localhost");  
    ws.setUsername("client");  
    ws.setPassword("client");  
    //ws.setMethodType(RequestMethodType.METHOD_POST);  
    ws.setMethodType(RequestMethodType.METHOD_POST);  
  
ws.setResourceName("config/dataTransferCertConfig?certserver=127.0.0.1");  
  
//ws.setResourceName("config/dataTransferConfig?remoteServer=15.218.124.172&r  
emoteFolder=/opt/HP/BSM/PMDB/extract&remoteServerType=HDB");  
//ws.setResourceName("config/shrDBConfigForAnalytics");//removeRemoteserver  
//ws.setResourceName("config/testDataTransfer");  
  
//ws.setResourceName("config/removeRemoteServer?remoteserver=15.218.124.172")  
;  
  
//obrdbr details for shrDbConfigForAnalytics
```

```
String obrdbDetails =  
"{\"shrdbhost\": \"15.218.124.177\", \"shrdbport\": \"5432\", \"shrdbuser\": \"se\", \"shrdbpwd\": \"7cf59c903e9c2209c48fa215eff12bd6\"}";  
  
ws.setJsonString(obrdbDetails);  
  
System.out.println(ws.executeGet().getResponseAsString());
```