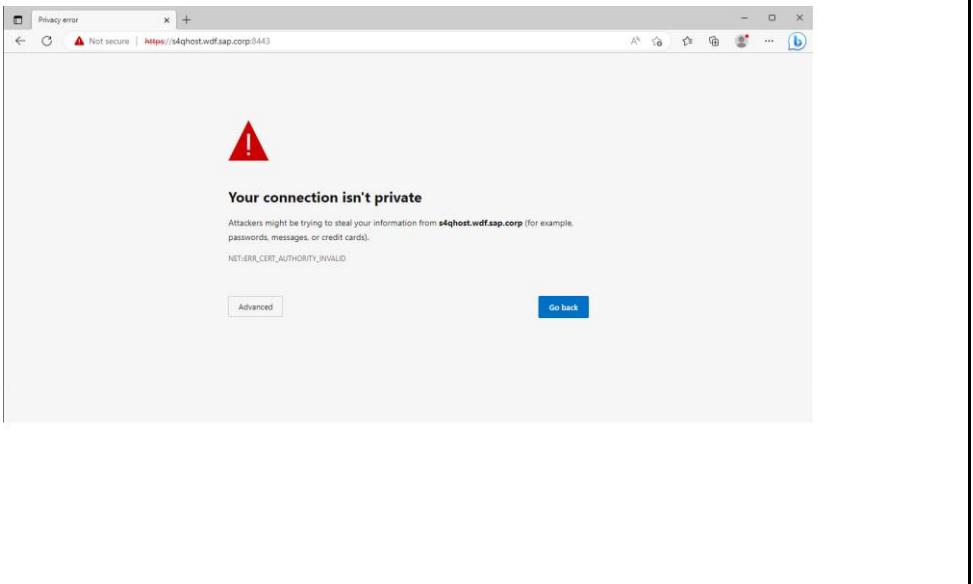
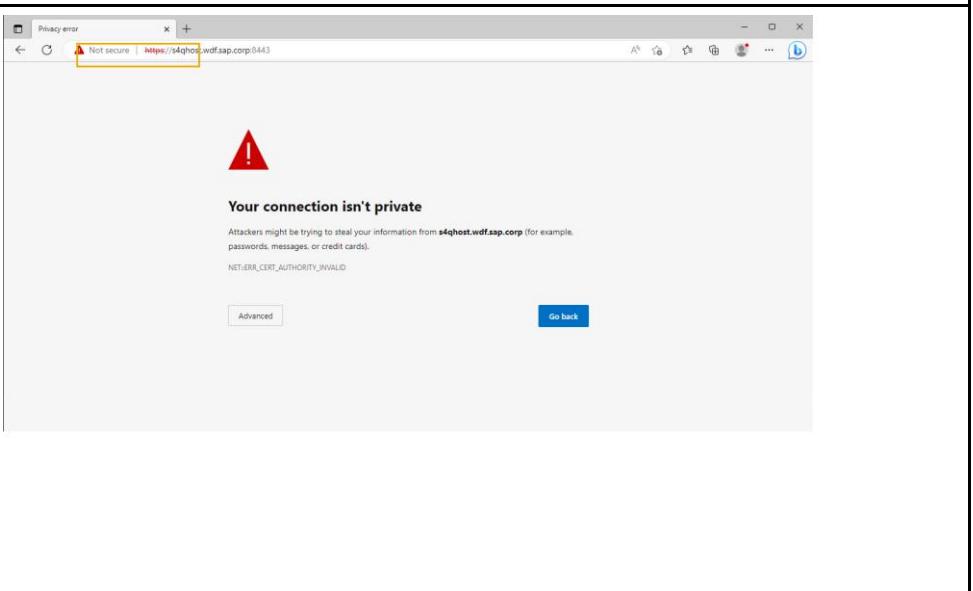
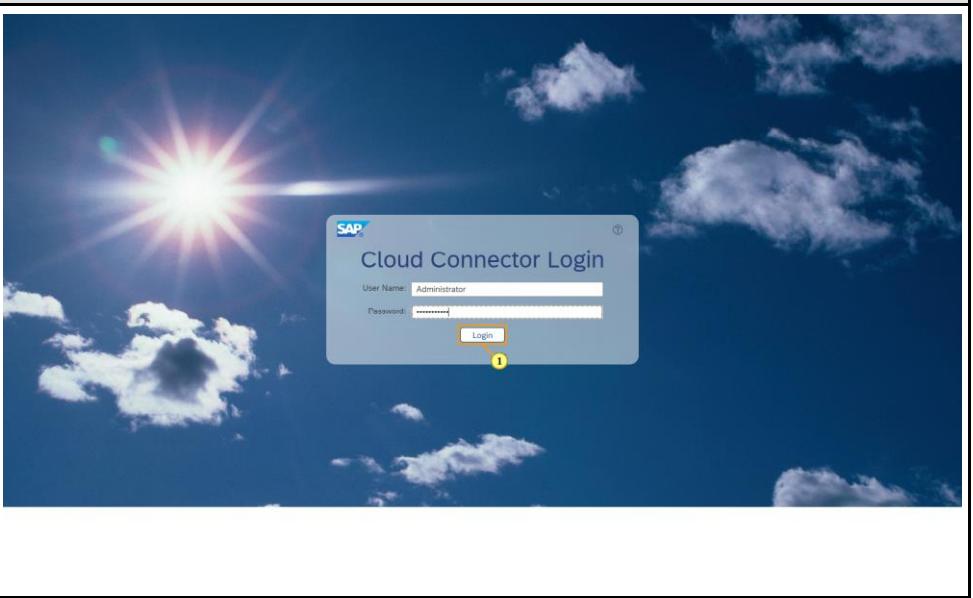
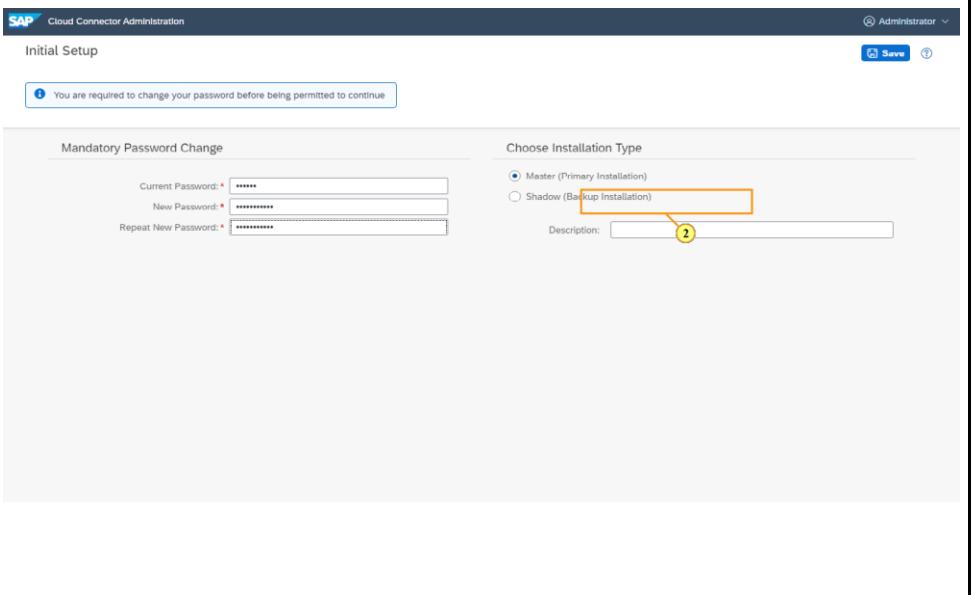
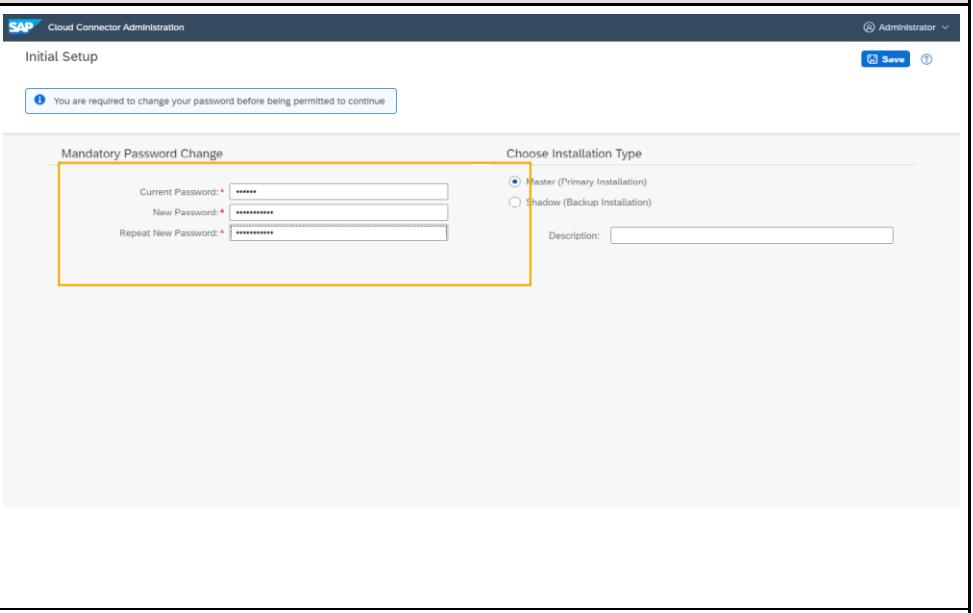
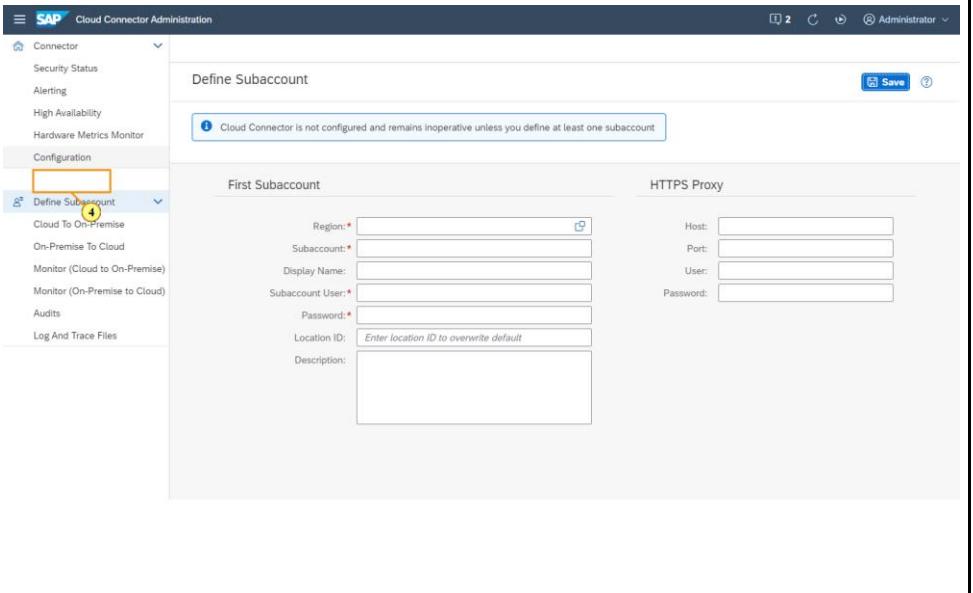
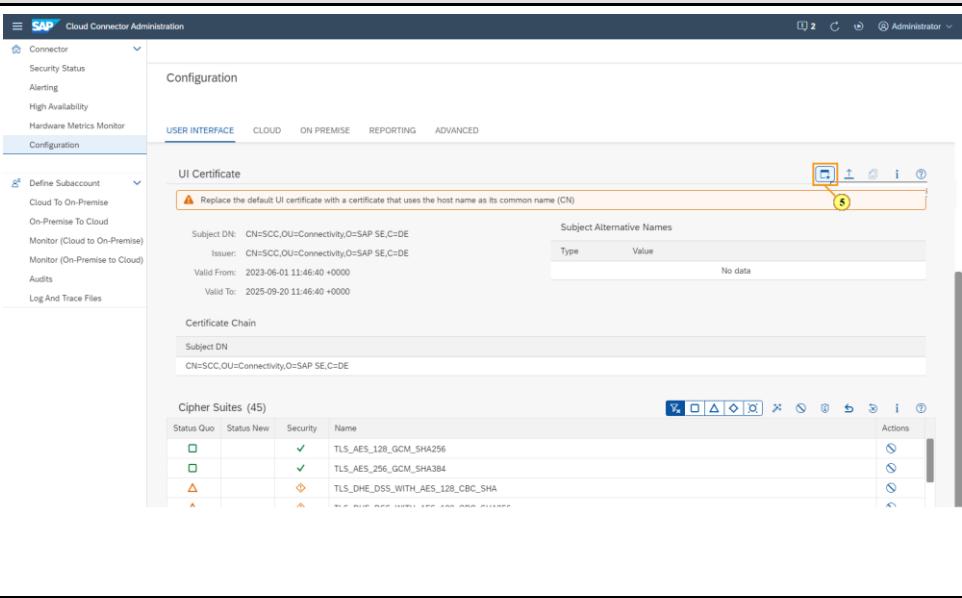
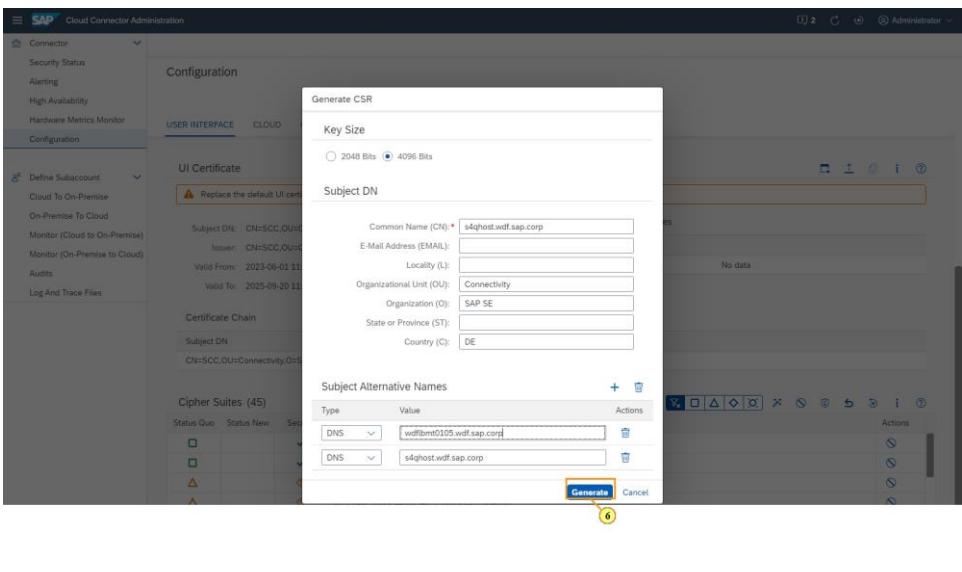


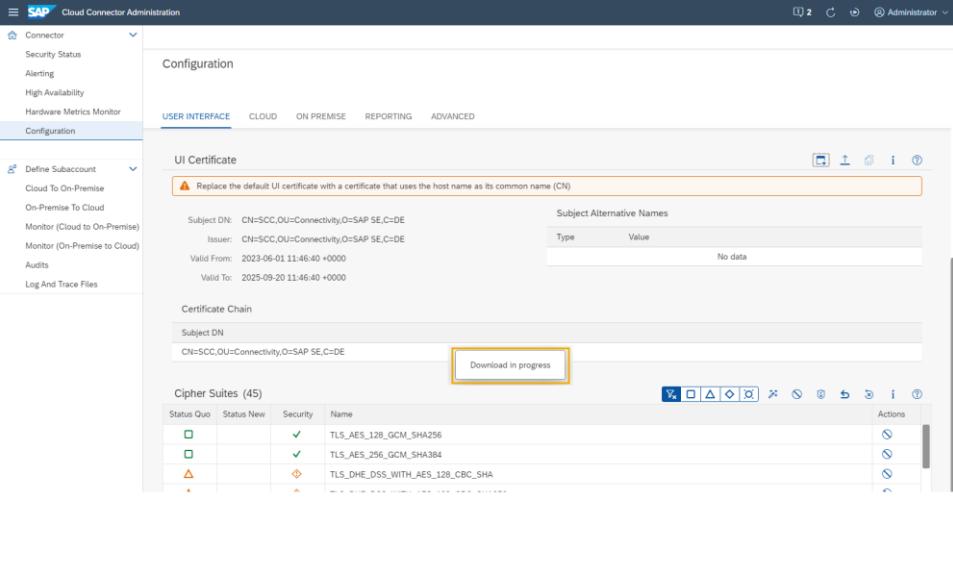
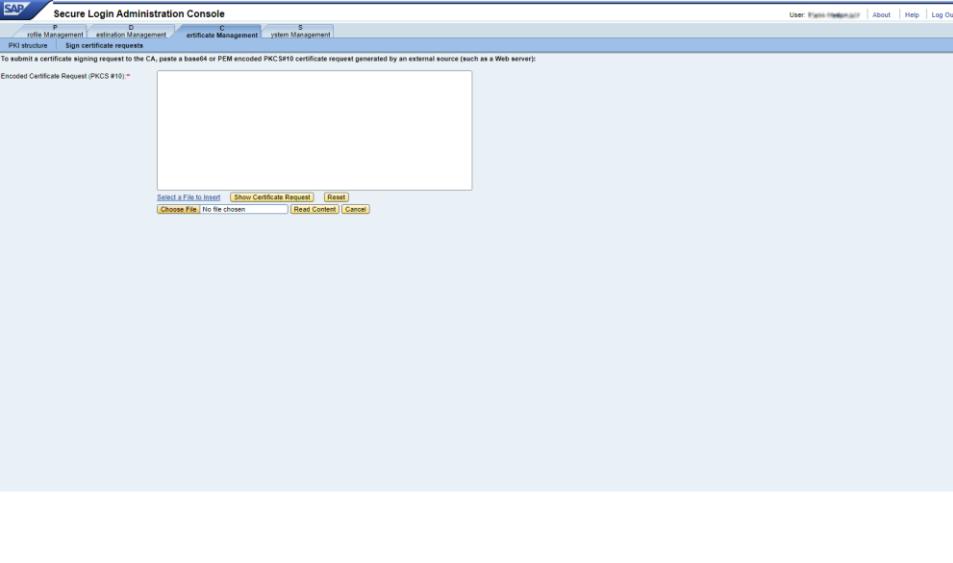
Replace the UI Certificate in Cloud Connector

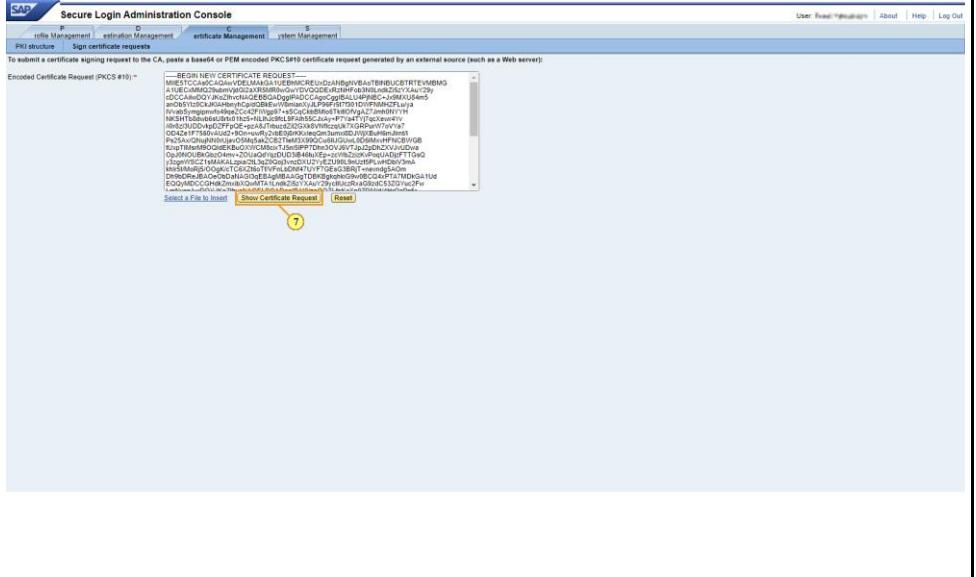
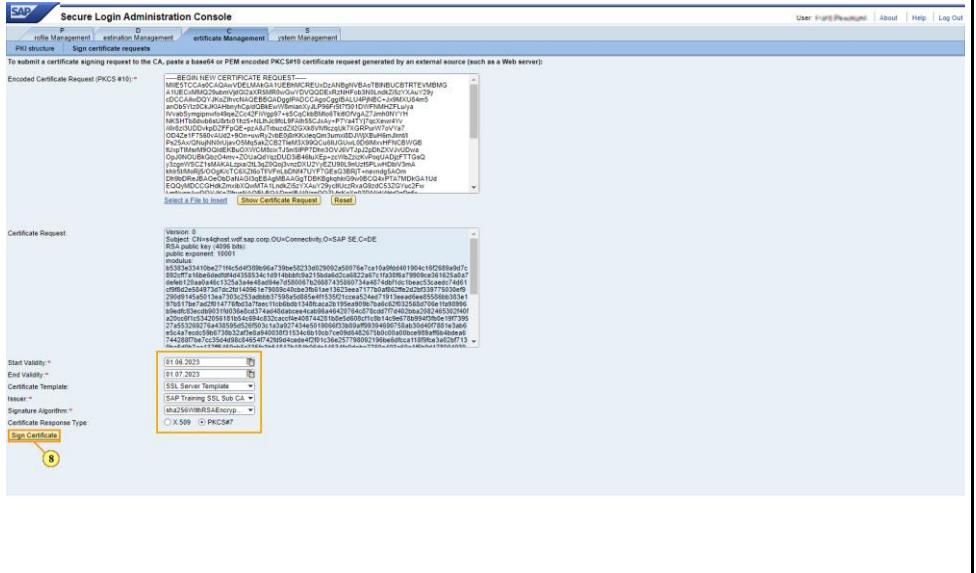
Explanation	Screenshot
<p> This simulation will allow you to replace the UI certificate of the Cloud Connector.</p>	
<p> Note that this browser currently does not trust the self-signed UI certificate of the Cloud Connector.</p>	

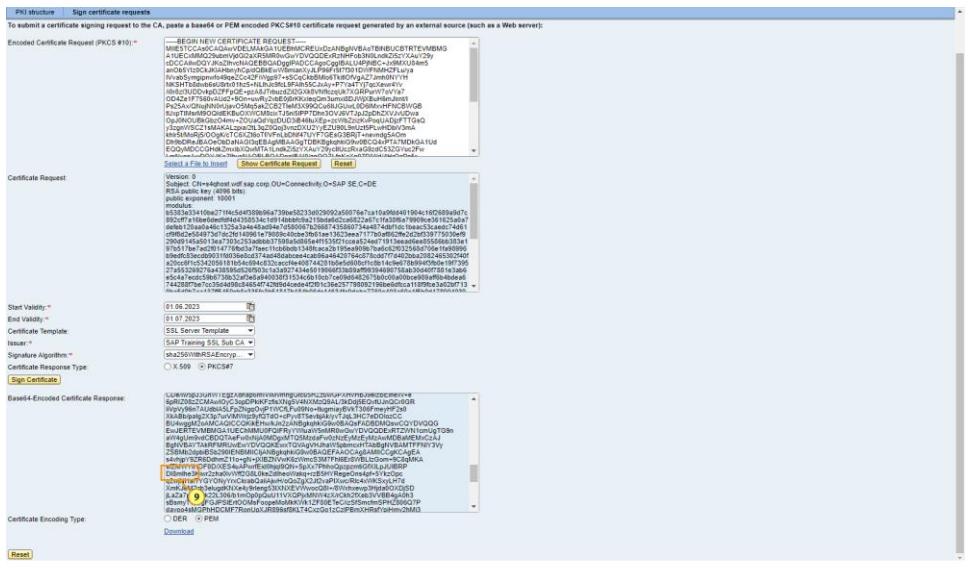
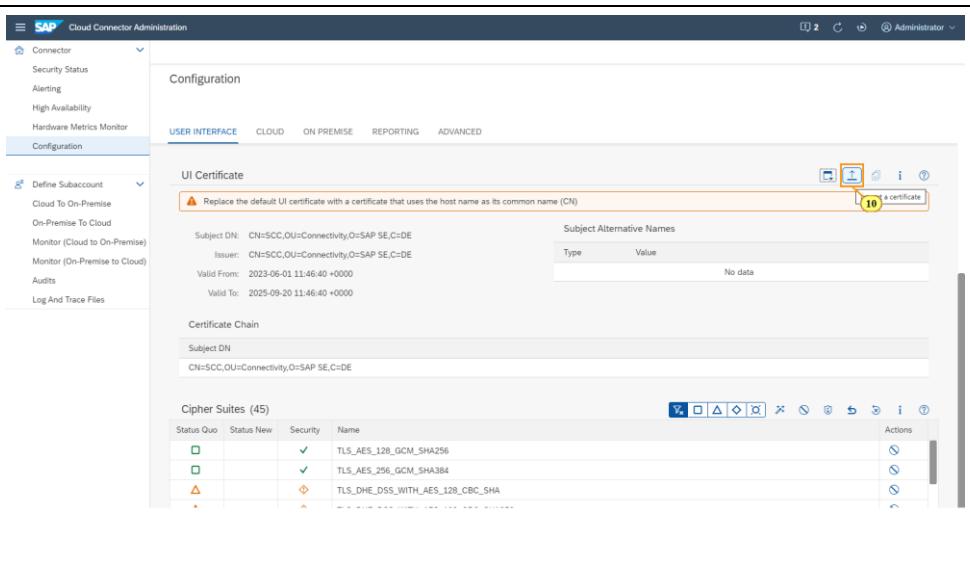
Explanation	Screenshot
<p>1. Ignoring the Web browser warning, login to the Cloud Connector Administration UI.</p>	 A screenshot of a SAP Cloud Connector Login page. The background is a blue sky with white clouds and a bright sun. The login form has fields for 'User Name' (Administrator) and 'Password', and a 'Login' button. A yellow circle labeled '1' points to the 'Login' button.
<p>2. Now you're in the phase of choosing the installation type. In this case, choose <i>Master (Primary Installation)</i>.</p>	 A screenshot of the SAP Cloud Connector Administration interface. The title bar says 'SAP Cloud Connector Administration'. The main area is titled 'Initial Setup' with a message: 'You are required to change your password before being permitted to continue'. Below this are two sections: 'Mandatory Password Change' (with fields for Current Password, New Password, and Repeat New Password) and 'Choose Installation Type' (with radio buttons for 'Master (Primary Installation)' and 'Shadow (Backup Installation)', and a 'Description' field). A yellow box highlights the 'Shadow (Backup Installation)' radio button, and a yellow circle labeled '2' points to the 'Description' field.

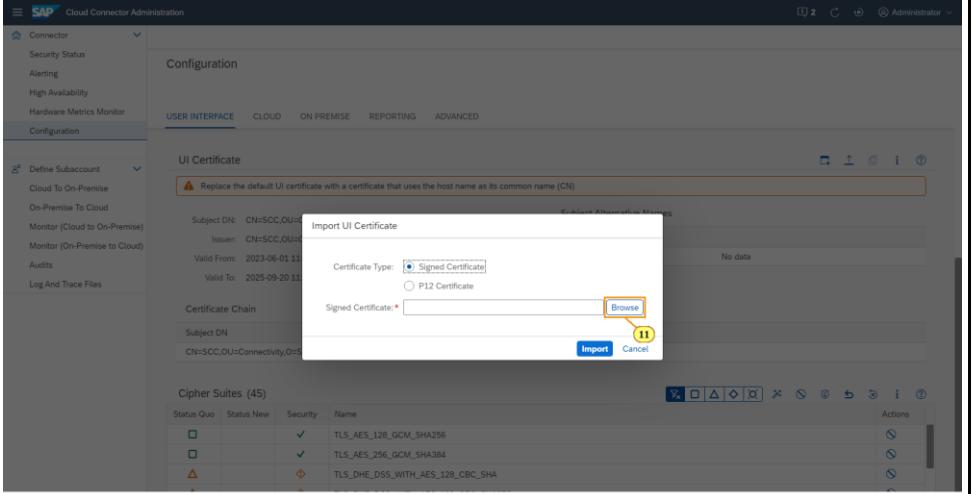
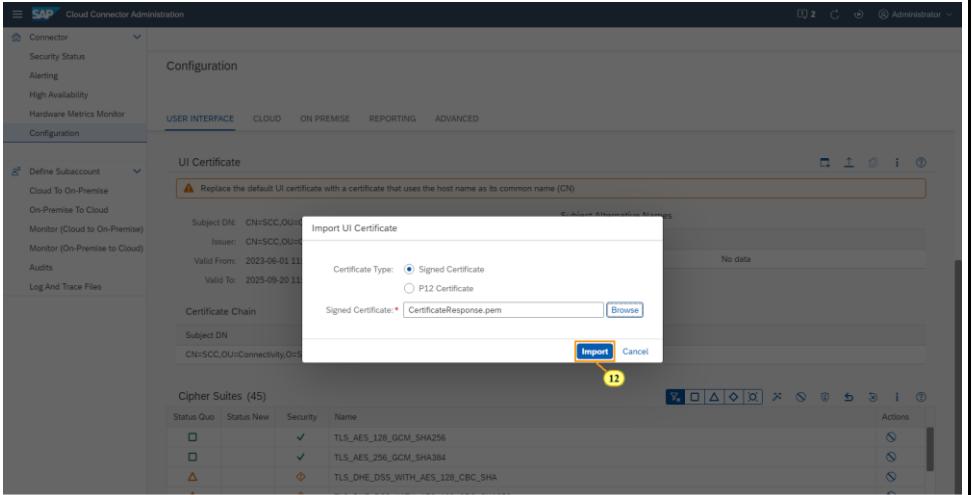
Explanation	Screenshot
<p>3. At first login, you need to change your password. When done, choose Save.</p>	
<p>4. To access the <i>User Interface</i> configuration area, choose <i>Configuration</i>.</p>	

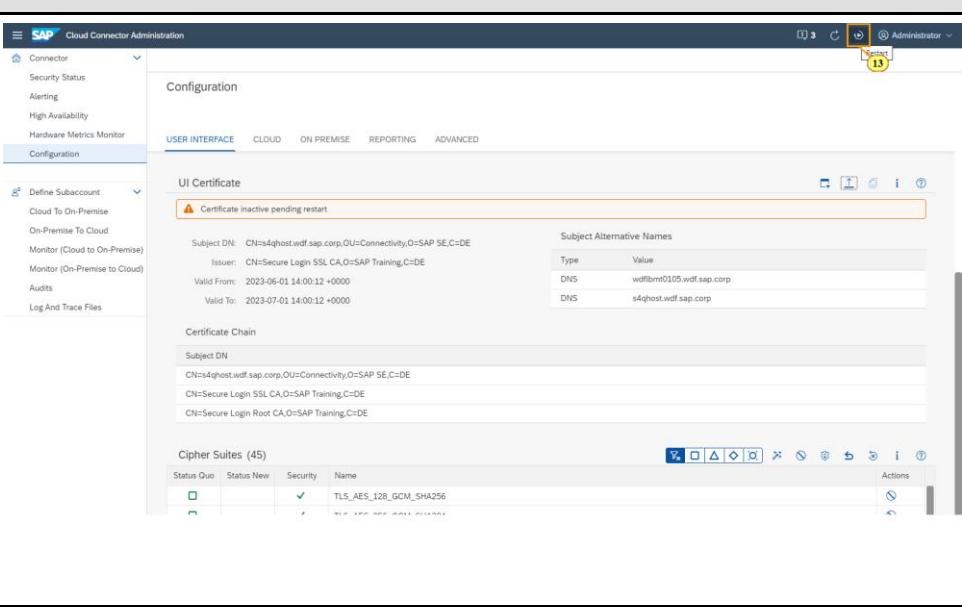
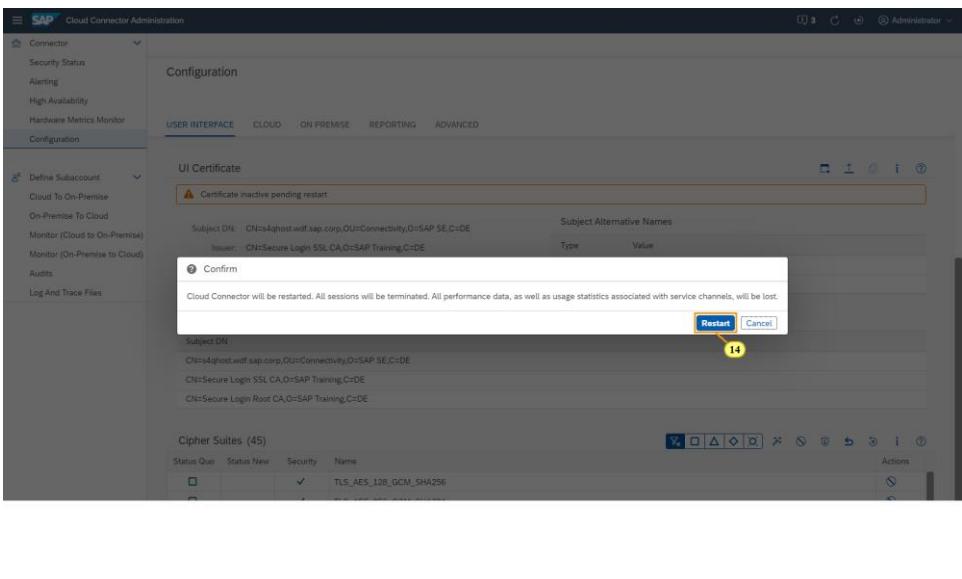
Explanation	Screenshot
<p>5. Right to <i>UI Certificate</i>, choose <i>Generate a certificate signing request</i>.</p>	 <p>The screenshot shows the SAP Cloud Connector Administration interface under the Configuration tab. In the UI Certificate section, there is a warning message: "Replace the default UI certificate with a certificate that uses the host name as its common name (CN)". Below this, there is a "Generate" button highlighted with a yellow circle and the number 5.</p>
<p>6. Ensure that settings match your environment and choose <i>Generate</i>.</p>	 <p>The screenshot shows the "Generate CSR" dialog box. It includes fields for Subject DN (Common Name: s4ghost.wdf.sap.corp, E-Mail Address: s4ghost.wdf.sap.corp), Subject Alternative Names (DNS: wdfibmt0105.wdf.sap.corp, s4ghost.wdf.sap.corp), and a "Generate" button highlighted with a yellow circle and the number 6.</p>

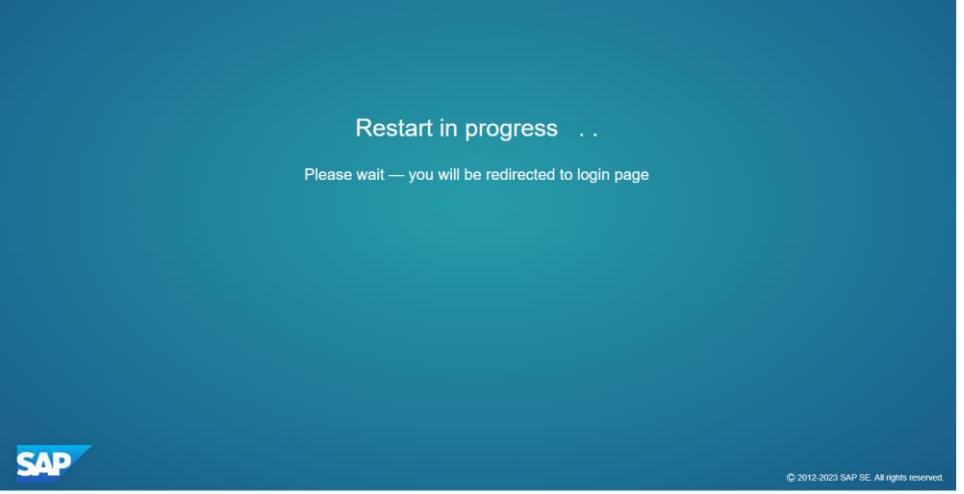
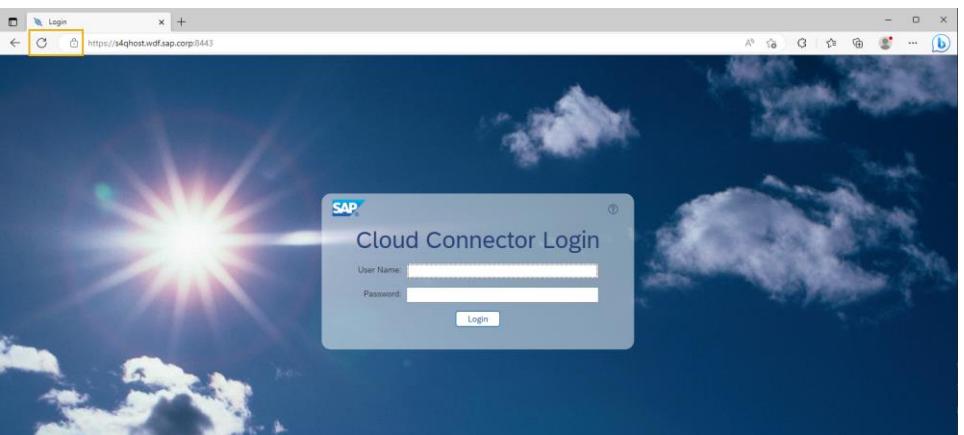
Explanation	Screenshot
<p> The Certificate Signing Request (CSR) is downloaded as a PEM file.</p>	 <p>The screenshot shows the SAP Cloud Connector Administration interface under the Configuration tab. In the USER INTERFACE section, there is a warning message: "Replace the default UI certificate with a certificate that uses the host name as its common name (CN)". Below this, it shows the current certificate details: Subject DN: CN=SCC,OU=Connectivity,O=SAP SE,C=DE; Issuer: CN=SCC,OU=Connectivity,O=SAP SE,C=DE; Valid From: 2023-06-01 11:46:40 +0000; Valid To: 2025-09-20 11:46:40 +0000. A "Download in progress" button is highlighted with a yellow box. Below the certificate details is a table titled "Cipher Suites (45)" showing three entries: TLS_AES_128_GCM_SHA256, TLS_AES_256_GCM_SHA384, and TLS_DHE_DSS_WITH_AES_128_CBC_SHA.</p>
<p> Upload the signing request to a trusted Certification Authority (CA) of your choice.</p> <p>The SAP Secure Login Server (part of SAP Single Sign-On) is used in this example.</p>	 <p>The screenshot shows the SAP Secure Login Administration Console under the "Sign certificate requests" tab. It has a large input field for "Encoded Certificates Request (PKCS #10)". Below the input field are buttons for "Select a File to Insert", "Show Certificate Request", and "Reset". At the bottom are buttons for "Choose File", "No file chosen", "Read Content", and "Cancel".</p>

Explanation	Screenshot
<p>7. Choose <i>Show Certificate Request</i>.</p>	
<p>8. Ensure that settings match your environment and choose <i>Sign Certificate</i>.</p>	

Explanation	Screenshot
<p>9. Download the response in a file using the PEM format.</p>	
<p>10. Back in the Administration UI, choose <i>Import a certificate</i>.</p>	

Explanation	Screenshot
<p>11. Choose <i>Browse</i>.</p>	
<p>12. After selecting the response file, choose <i>Import</i>.</p>	

Explanation	Screenshot
<p>13. To perform the pending restart of the Cloud Connector, choose <i>Restart</i>.</p>	 <p>The screenshot shows the SAP Cloud Connector Administration interface under the Configuration tab. In the UI Certificate section, there is a warning message: "Certificate inactive pending restart". Below it, certificate details are listed: Subject DN: CN=s4ghost.wdf.sap.corp,OU=Connectivity,O=SAP SE,C=DE; Issuer: CN=Secure Login SSL CA,O=SAP Training,C=DE; Valid From: 2023-06-01 14:00:12 +0000; Valid To: 2023-07-01 14:00:12 +0000. A table for Subject Alternative Names shows DNS entries: wdfbm0105.wdf.sap.corp and s4ghost.wdf.sap.corp. The Certificate Chain and Cipher Suites (45) sections are also visible.</p>
<p>14. Choose <i>Restart</i>.</p>	 <p>The screenshot shows the same SAP Cloud Connector Administration interface. A modal dialog box titled "Confirm" is displayed, stating: "Cloud Connector will be restarted. All sessions will be terminated. All performance data, as well as usage statistics associated with service channels, will be lost." It contains two buttons: "Restart" (highlighted with a yellow arrow) and "Cancel".</p>

Explanation	Screenshot
<p>Wait until the restart is finished.</p> <p>When done, close all Web browser windows and relaunch the Administration UI.</p>	 <p>Restart in progress . . .</p> <p>Please wait — you will be redirected to login page</p> <p>SAP</p> <p>© 2012-2023 SAP SE. All rights reserved.</p>
<p>Great, you have succeeded in generating a new UI certificate! Now your web browser accepts the UI certificate of the Cloud Connector.</p>	 <p>Cloud Connector Login</p> <p>User Name: <input type="text"/></p> <p>Password: <input type="password"/></p> <p>Login</p>