

Import System Operator Certificate

Linux

After starting the Arrowhead Framework in secure mode, while trying accessing the Swagger on <https://localhost:8443> or other secure URL-s you may have faced the following screen:



This site can't provide a secure connection

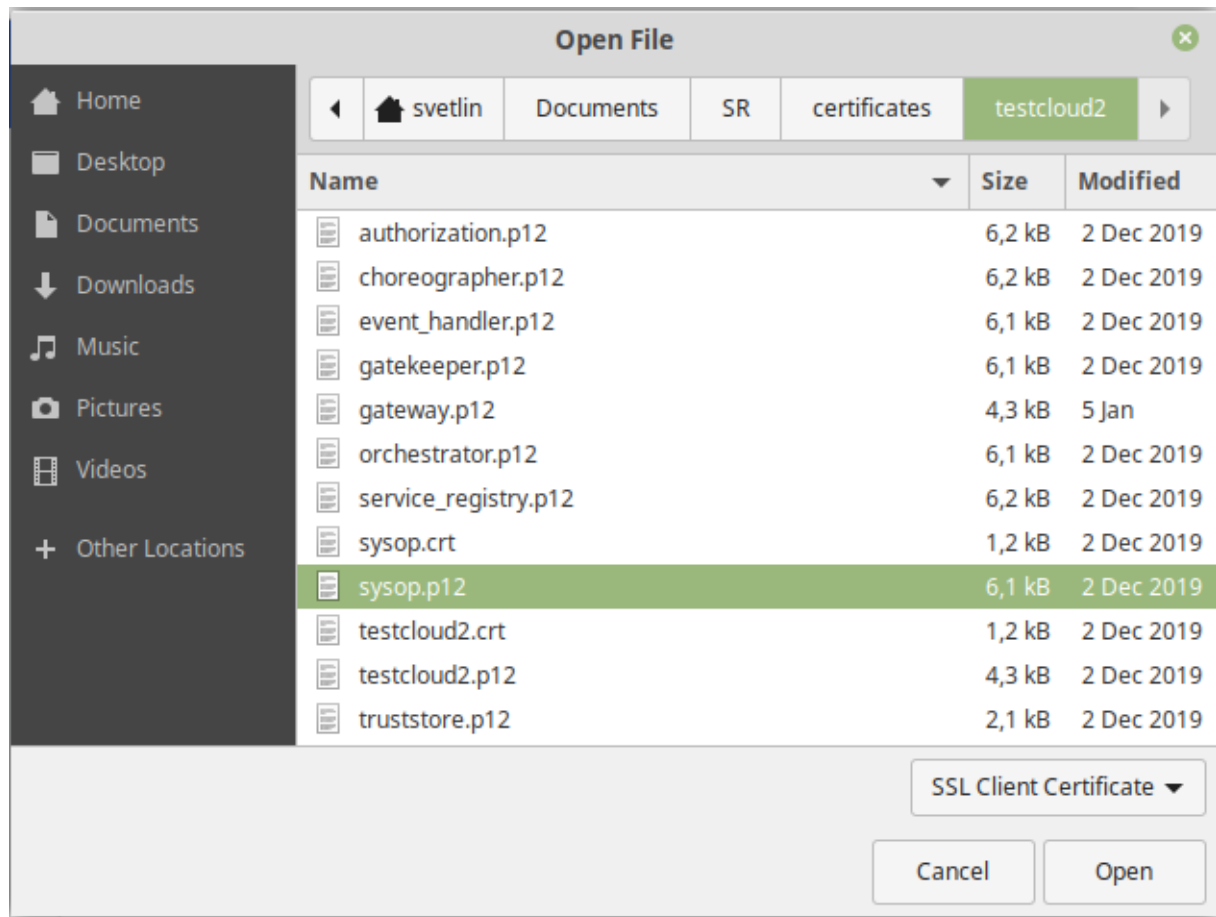
localhost didn't accept your login certificate, or one may not have been provided.

Try contacting the system admin.

ERR_BAD_SSL_CLIENT_AUTH_CERT

This detailed error message says, you are probably using a wrong certificate, or you are trying to access it without a proper one.

Depending on your settings, you have to use your custom generated certificate or the test certificate. The **sysop.p12** test certificate is found in the **certificates/testcloud2** folder.

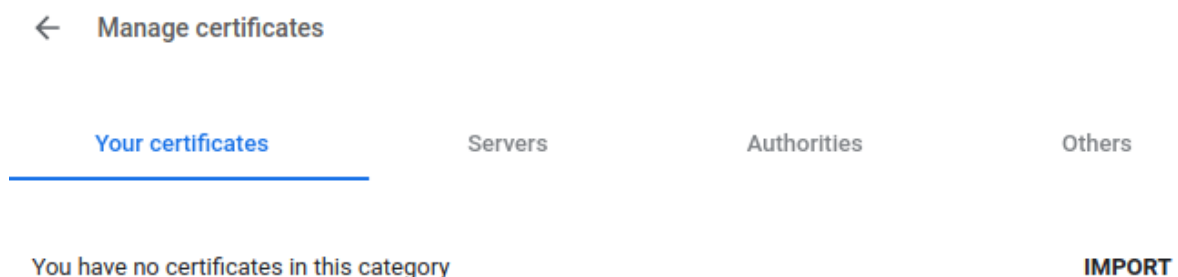


You have to add this certificate to your browser. (Google Chrome is recommended).

In Google Chrome click on the three dots in the upper right corner, then choose Settings -> Advanced -> Manage Certificates.

Or type this in the address bar: <chrome://settings/certificates>

You will see the following screen, where you have no Arrowhead Certificate installed:



Click on the **Import** button, choose the **sysop.p12** certificate, type in its password.

Enter your certificate password

Password

.....

CancelOK

If this step was successful, you will see the imported certificate.

← Manage certificates

Your certificates

Servers

Authorities

Others

You have certificates from these organizations that identify you

IMPORT

org-sysop.testcloud2.aitia.arrowhead.eu

sysop.testcloud2.aitia.arrowhead.eu

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⋮

Now try refreshing the browser, in the menu select the sysop one and click OK. The page will now load.

Select a certificate



Select a certificate to authenticate yourself to localhost:8443

Subject	Issuer	Serial
sysop.testcloud2.aitia.arrowhead.eu	testcloud2.aitia.arrowh	5CF62B01

Certificate information

Cancel

OK

← → ↻ ⚠ Not secure | <https://localhost:8443/swagger-ui.html> ☆ ABP 65% 🔄 New 🔍 🗑️ 👤 ⋮

 **swagger**

Select a spec

default

Arrowhead Service Registry Core System API

[Base URL: localhost:8443/]

<https://localhost:8443/v2/api-docs>

This page shows the REST interfaces offered by the Service Registry Core System.

[Arrowhead Consortia - Website](#)

All



Client



Management



Private



Models



If your common name is invalid, you may face the following screen too:



Your connection is not private

Attackers might be trying to steal your information from **localhost** (for example, passwords, messages, or credit cards). [Learn more](#)

NET::ERR_CERT_AUTHORITY_INVALID

Advanced

Back to safety

Click on **Advanced** then **Proceed to localhost**.



Your connection is not private

Attackers might be trying to steal your information from **localhost** (for example, passwords, messages, or credit cards). [Learn more](#)

NET::ERR_CERT_AUTHORITY_INVALID

Hide advanced

Back to safety

This server could not prove that it is **localhost**; its security certificate is not trusted by your computer's operating system. This may be caused by a misconfiguration or an attacker intercepting your connection.

[Proceed to localhost \(unsafe\)](#)