

Standalone XSA Installation

Download and Prerequisites

1. [Download the installation archive](#) for your platform
2. Extract the archive to a directory of your choice (called `<XSA_ROOT>` below)
3. Add the `<XSA_ROOT>/bin` directory to your `PATH` so you can run all commands without a path prefix
4. Make sure that `localhost` is in your `NO_PROXY` environment variable value
5. Make sure that the paths `<XSA_ROOT>` and `<xsa-work-directory>` don't contain any spaces!
6. Check the [platform specific pre-requisites page](#)

Choose the HANA to use

- By default, the standalone runtime will connect to a central HANA maintained by the XSA team
- In case you want to use your own HANA, follow the steps described on the page [Preparing a HANA for XSA](#) before proceeding here.

Start UAA/HANA Service Broker

```
<XSA_ROOT>/bin/xs-uaa-server-own-uaa-schema <tomcat-port>  
<fully-qualified-hostname> ssl-disable run
```

Start XS Controller

```
$ <XSA_ROOT>/bin/xs-controller --embedded-ea --path <xsa-work-directory>  
--default-domain=<fully-qualified-hostname>  
--uaa-url=http://<fully-qualified-hostname>:<tomcat-port>/uaa-security  
XS Controller  
  
applications: 0  
buildpacks: 0  
runtimes: 0  
services: 0  
  
API URL: http://[YOURHOST]:30030  
  
Press 'Enter' to stop...
```

This starts all components of the *XSA Runtime* (the *Controller*, *Execution Agent*, and *Platform Router*) localhost, default port 30030 with a single command. Once started, the *XS Controller* prints out the `API URL` which you will need to connect to the XS Controller later on:

Troubleshooting:

- While you interact with the *XSA Runtime* or any XSA application you have to keep the *Controller* process running. Stopping the *Controller* also stops all XSA applications.
- In case you have configured a proxy, make sure that `localhost` and your local machine name are on the `no_proxy` list!

Install Initial Content

```
$ <XSA_ROOT>/bin/xs-init http://[YOURHOST]:30030
```

In order to use the [XSA sample applications](#), you must run `xs-init` script *once**. This script installs the required buildpacks, runtimes and system apps (Deploy Service, Product Installer).

Prerequisites:

- The *XS Controller* has to be running during the installation of the initial content (see previous section for details how to start the *Controller*).

Notes:

- Fill in the `API_URL` the Controller printed out at startup

***Did you install XSA on your computer before?**

If you are not setting up XSA for the first time, some "remainings" on the central HANA may exist. They can lead to errors when running `xs-init` or pushing applications. Follow this steps to clean up the central HANA:

1. Stop UAA/HANA service broker which you started in the first step of this page.
2. Execute

```
$ <XSA_ROOT>/bin/xs-uaa-server-own-uaa-schema-clear
```

3. Start UAA/HANA service broker again
4. Now run `xs-init` as described above