

Encrypting a Standalone Installation

If Jedox is not used in a cluster setup (all services are running on the same server), the following configuration can be used.

Jedox In-Memory DB

Adjust the **palo.ini** as follows:

in Windows: <Install_path>\Jedox Suite\olap\data\palo.ini

in Linux: <Install_path>/Data/palo.ini

```
http "" 7777
```

```
....
```

```
admin "127.0.0.1" 7790
```

```
encryption optional
```

```
https 7778
```

```
key-files <path to ca bundle> <path to cert + privkey>
```

```
<path to diffie hellman param file>
```

1. Parameter is the ca bundle, which contains root certificate and intermediate certificates.
2. Parameter is a certificate file combined with the private key.
3. Parameter is diffie hellman param file, which can be generated.

Important: the port used for the “admin” connection is used for all other internal settings.

Jedox Web

Here you have to adjust the **httpd.conf**.

in Windows: <Install_path>\Jedox Suite\httpd\conf\httpd.conf

in Linux: <Install_path>/etc/httpd/conf/httpd.conf

Change the standard parameters from:

```
Define JDX_SERVER_DNS "127.0.0.1"
```

```
Define JDX_SERVER_IP "127.0.0.1"
```

to:

```
Define JDX_SERVER_DNS "www.example.com"
```

```
Define JDX_SERVER_IP "www.example.com"
```

To activate the SSL module change:

```
#Define SSL
```

```
#Define JDX_REDIRECT_HTTP
```

to:

```
Define SSL
```

```
Define JDX_REDIRECT_HTTP
```

Add the correct path to the certificates in following lines:

```
Define JDX_SSLCERTIFICATEFILE_TMPL "<path to  
certificate>"
```

```
Define JDX_SSLCERTIFICATEKEYFILE_TMPL "<path to  
privatekey>"
```

```
Define JDX_SSLCACERTIFICATEFILE_TMPL "<path to ca  
bundle>"=
```

Change the port in

Windows: <Install_path>\jedox Suite\httpd\app\etc**config.php**

Linux: <Install_path>/htdocs/app/etc/**config.php**

from:

```
define('CFG_PALO_PORT', '7777')
```

to:

```
define('CFG_PALO_PORT', '7790')
```

Core

Change the port in

Windows: <Install_path>\jedox Suite\core**palo_config.xml**

Linux: <Install_path>/core-Linux-x86_64/etc/**palo_config.xml**

from:

```
<port>7777</port>
```

to:

```
<port>7790</port>
```

After that save the changes and restart the service/processes.

Communication in Jedox Web

Adjust the connections in Jedox Web to use the internal interface
127.0.0.1 and port **7790**.

SVS

Change the port in

Windows: <Install_path>\Jedox Suite\svs\php.ini

Linux: <Install_path>/svs-Linux-x86_64/php.ini

from:

```
pa_lo_server_port=7777
```

to:

```
pa_lo_server_port=7790
```
