

# The Defintive Guide To OpenWebStart

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## Introduction

<this documentation is work in progress>

## What is OpenWebStart?

<this documentation is work in progress>

## Installation

<this documentation is work in progress>

## Basic Installation

# Unattended Installation

OWS also offers an unattended mode installation which is useful when you have to install OWS the same way on different computers and where your environment offers only a command line interface. Instead of walk through the graphical user interface of the OWS installer you provide the options as a response file.

<add more details as on the homepage>

## Updates

OpenWebStart can be configured to automatically check for new releases and perform automatic updates.

To do so go to the "Updates" Panel in the OWS Settings. It is possible to define an update strategy on every start, daily, weekly, monthly, or never.

## Configuration

<this documentation is work in progress>

## JVM Manager

<TODO: describe OWS settings options>

### JVM Download Server

OpenWebStart can fetch JVMs and JVM updates from a download server that is specified in the JVM Manager Configuration of the OWS Settings application. The default points to <https://download-openwebstart.com/jvms>.

### Setup a Custom Download Server

If you want to setup your own JVM download server you have to prepare downloadable artifacts of your JVMs you want to provide and specify them in a jvms configuration file named "jvms".

The jvms configuration file is located in the root of the download server defines which JVMs are available for download by OpenWebStart from the server.

This file format is json and looks like this:

```
{
  "cacheTimeInMillis":<milliseconds>,
  "runtimes":[
    {
      "version":<JVM version>,
      "vendor":<vendor name>,
      "os":<OS identifier>,
      "href":<url to the download artifact on this download server>
    },
    ... more runtime definitions
  ]
}
```

cacheTimeInMillis: The time that needs to be elapsed before a client is allowed to request the server again. Usually the server is accessed once per application startup.

## Cache Management

<TODO: describe OWS settings options>

## Proxy Settings

<TODO: describe OWS settings options>

## Certificates

<TODO: describe OWS settings options>

## Security Settings

<TODO: describe OWS settings options>

## Server Whitelists

The "Server Whitelists" panel in OWS settings displays the server whitelist. To define a server whitelist you have to edit the `deployment.properties` file in your config directory with a text editor by adding a new line similar to the following:

```
deployment.security.whitelist=10.10.10.10, google.com, some.server.net
```

The different servers are listed as a comma separated string. Localhost is implicitly always in the white list. If you delete the line again then no whitelisting is applied and all servers are reachable.

Note that whitelisting only applies while downloading resources (jars and jnlps) and not while an application is running. Thus an application can open a connection to a server which is not in the

white list.

It is also possible to specify the content of the whitelist in the response file of an unattended OWS installation.

## Logging

<TODO: describe OWS settings options>

## Remote Debugging

<TODO: describe OWS settings options>

## Centralized Configuration

- list all the properties that allows to configure a centralized installation (Terminalserver)