

Management Web Console Setup

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Introduction

This document contains information required to install Management Web Console ("m2_web_console" system application delivered with the WAY4 Application Server distribution).

Management Web Console is a user web interface for monitoring and managing applications and application services in an Application Server node and for managing WAY4 NetServer JMX.

When working with this document, it is recommended to use the following resources from the OpenWay documentation series:

- "Administering WAY4™ Application Server" ("Administering_WAY4_Application_Server.pdf" from the WAY4 Application Server distribution).
- "WAY4™ PCI DSS Implementation Guide" ("WAY4_PCI_DSS_Implementation_Guide.pdf" from the WAY4 Cards distribution).

The following conventions are used throughout the document:

- Field labels in screen forms are shown in *italics*.
- Key combinations are indicated in angular brackets, for example <Ctrl>+<F3>.
- Screen form button labels and tab names are shown in square brackets, for example [OK].
- The names of commands and links in web console tabs are shown in curly brackets, such as {Create}.
- Variables that differ for each local instance, for example, directory and file names, as well as file paths are shown in angular brackets, for example, <AppServer_HOME>.
- Mandatory fields in web client forms are highlighted in yellow.

Warnings and information messages are marked as follows:

 There is an increased danger of making errors.

 Information about important features, additional facilities, or the optimal use of certain functions of the system.

Chapter 1. Installing Management Web Console

Management Web Console is the "m2_web_console" system application. It is installed and operates under WAY4 Application Server.

To install Management Web Console in GUI mode, do as follows:

- Run the installer (for more information, see the section "

Installing WAY4 Application Server" of the document "Administering WAY4™ Application Server").

- When installation has been completed, check the *Configure Web Console* checkbox in the window with WAY4 Application Server configuration parameters (see Fig. 1).

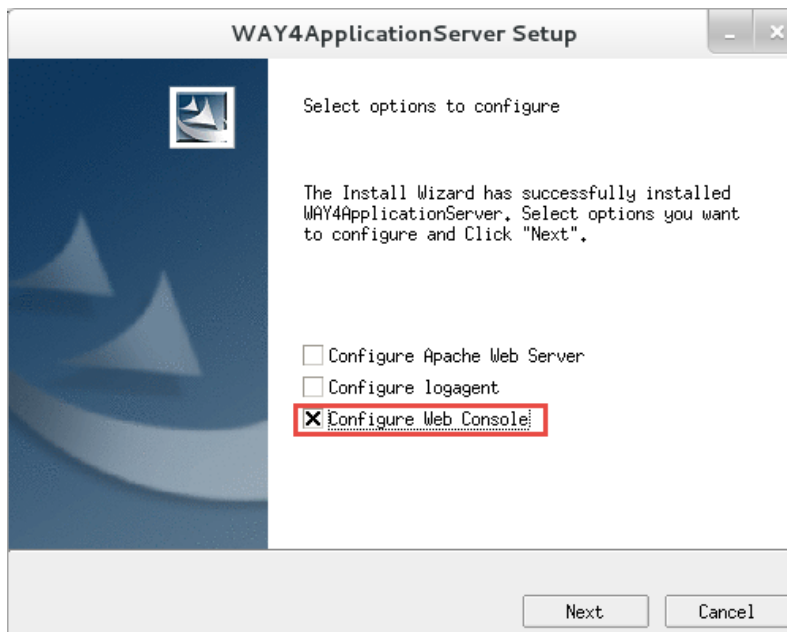


Fig. 1. Checking the web console configuration checkbox

- In the web console selection window (see Fig. 2) choose the value "Modern (m2_web_console)".

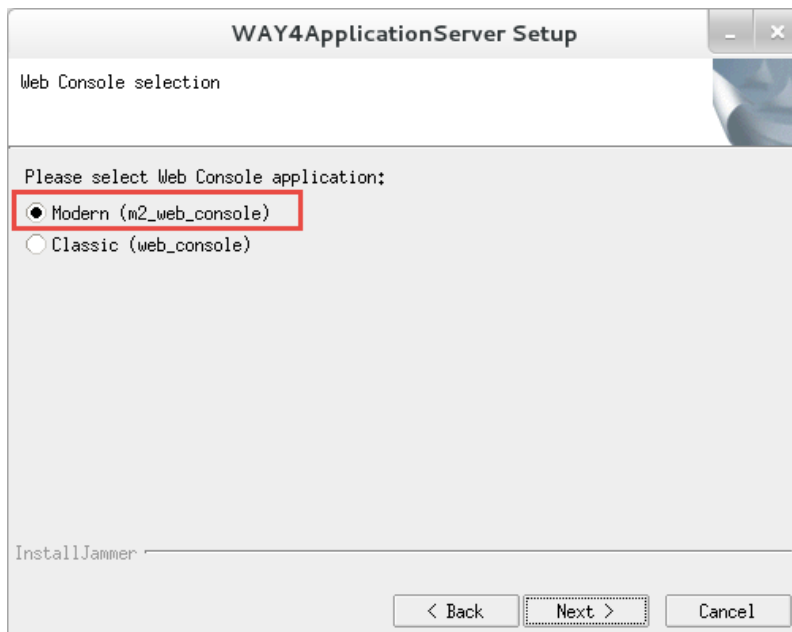


Fig. 2. Window for selecting the web console

- In the window for setting a password (see Fig. 3), specify a password for the "admin" web console user. PCI DSS requirements for passwords are described in the section "Registering Users and Setting Passwords" of the document "WAY4™ PCI DSS Implementation Guide".

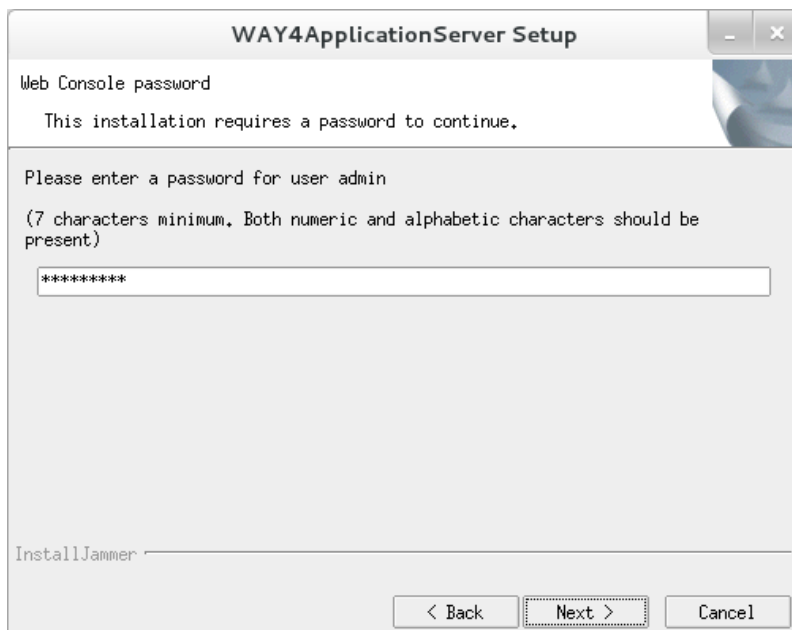



Fig. 3. Specifying the web console user password

To install Management Web Console in command line interface mode, do as follows:

- Run the installer (for more information, see the section "Installing WAY4 Application Server" of the document "Administering WAY4™ Application Server").
- Press "y" in response to the prompt "Would you like to configure Web Console? [y/N]".
- Press "y" in response to the prompt "Do you want to use Modern Web Console (m2_web_console) [Y] instead of Classic Web Console [n]? [n/Y]".

- Enter the "admin" user password when the following prompt is displayed: "Input password for user admin in Web Console (7 characters minimum. Both numeric and alphabetic characters should be present)".

Management Web Console will be installed and configured (allocation of "m2_web_console" system application HTTP/HTTPS ports, creation of an "admin" user with a specific password, generation and import of application certificates).

 The directory where "m2_web_console" is installed is designated as <Console_HOME>. By default, the installation directory is "<AppServer_HOME>/applications/m2_web_console", where "<AppServer_HOME>" is the directory where WAY4 Application Server is installed.

After installation, the application can be additionally configured (see "Configuring Management Web Console").

After configuring the web console and starting system applications, enter the URL address of the resource in the browser:


```
http://<appserver_host_name>:<web_console_http_port>
```

where "<appserver_host_name>" is the domain name according to which WAY4 Application Server is accessed, "<web_console_http_port>" is the HTTP port allocated during installation of the "m2_web_console" application.

If user authentication is successful, Management Web Console's main page will be displayed (for more information about working with the web console, see the document "Management Web Console (m2_web_console) Operation Manual").

Chapter 2. Upgrading Management Web Console

The upgrade procedure for Management Web Console is the same as the installation procedure (see "Installing Management Web Console"). Before upgrading, stop WAY4 Application Server, and then run the installer. The process and results of upgrade are saved in WAY4 Application Server installation log files (for more information, see the section "WAY4 Application Server Log Files" of the document "Administering WAY4™ Application Server").

 If the "admin" user password does not have to be changed, do not check the *Configure Web Console* checkbox during upgrade (see Fig. 1). In this case, the "m2_web_console" system application will only be reinstalled, and the same application certificate and "admin" user password set during installation (or previous upgrade) will be used for authentication.

Chapter 3. Configuring Management Web Console

After installing or upgrading Management Web Console (see "Installing Management Web Console"), the web console is ready for operation. Depending on the bank's business tasks and installed applications, the following additional settings can be made:

- Support of the Java Management Extensions (JMX) interface can be enabled on WAY4 Application Server (for more information, see the section "JMX Interface" of the document "Administering WAY4™ Application Server").

JMX interface communication parameters are defined in the file "<AppServer_HOME>/conf/AppContainer.properties":

```
jmx_enabled=yes  
  
jmx_port=9999
```

- Enable display of a list of available application services (for example, WAY4 Transaction Switch services or WAY4 NetServer channel services). To do so:
- Set the "appcontainer_extension" value to "true" in the file "<Console_HOME>/conf/config.properties":

```
appcontainer_extension=true
```

- Restart WAY4 Application Server.
- To add and delete users with access to the web console and to change user passwords, use the "usrmgmt" console utility (for more information, see the section "

"usrmgmt" Utility" of the document "Administering WAY4™ Application Server").

- Both application parameters are changed in configuration files (see "Configuring WAY4 Applications for Execution on WAY4 Application Server" of the document "Administering WAY4™ Application Server").