

WizePanel-Server (*headless*)

Installation on Debian 11.05 / Ubuntu 22.04 LTS

030

WizePanel-Server Linux V6.0.5010 and later

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System Requirements

System requirements depend on the number of events that are being processed.

	Minimal	Recommended
CPU/vCPU	2	4
RAM	2 GB	4 GB
Disk Size	10 GB	15 GB
Network	100 Mbit/s	1 Gbit/s

1. Java Runtime Environment (JRE) Software Download & Installation

The WizePanel-Server needs a Java Runtime Environment (JRE) to run.

Update Debian / Ubuntu:

```
sudo apt update
sudo apt upgrade
```

Install OpenJDK 11 JRE x64 headless, needed to run the WizePanel-Server software:

```
sudo apt install openjdk-11-jre-headless
```

2. WizePanel-Server Software Download

The folder `/opt/WizePanel/` shown for the installation is not mandatory but just a suggestion. Create an installation folder:

```
sudo mkdir /opt/WizePanel
cd /opt/WizePanel
```

Use “wget” for downloading the `WPServer-Linux.zip` file containing the latest version.

```
sudo wget https://wizepanel.de/downloads/WPServer-Linux.zip
```

Alternatively you can download the latest *WizePanel-Server Linux* software version from `wizepanel.de > Downloads` and then copy the `WPServer-Linux-V[X.X.XXXX].zip` file into the previously created installation folder.

3. WizePanel-Server Software Installation

If “unzip” is not installed on your Linux system you can install it with:

```
sudo apt install unzip
```

Unzip the WizePanel-Server software:

```
cd /opt/WizePanel
sudo unzip WPServer-Linux.zip
```

4. WizePanel License Installation

Rename *your licensefile.txt* to `license.txt` and move it into the WizePanel-Server main directory:

```
sudo mv yourlicensefile.txt /opt/WizePanel/WPServer/license.txt
```

5. WizePanel-Server Software Autostart

For an automatic start of the WizePanel-Server software, the “systemd” mechanism can be utilized.

(How to Run Script on Boot Up in Debian 11: <https://linuxhint.com/run-script-debian-11-boot-up/>)

The script “install_service.sh” can be used for setting up an automatic start of the WizePanel-Server software.

```
cd /opt/WizePanel
sudo chmod +x ./install_service.sh
sudo ./install_service.sh
```

The status of the process can be verified via:

```
sudo systemctl status wpserver.service
```

WizePanel-Server Manual Software Start (optional)

A manual start of the WizePanel-Server software is done by running the “start_headless.sh” shell script (.sh) file.

```
cd /opt/WizePanel/WPServer
sudo chmod +x ./start_headless.sh
sudo ./start_headless.sh
```

WizePanel-Server Configuration Files

The following files contain the WizePanel-Server configuration. They can be backed up and restored e.g. for migration purposes.

/opt/WizePanel/WPServer/license.txt	License File
/opt/WizePanel/WPServer/system/upirouting.xml	Assignment Dispatcher – WizePanel / WizeScreen
/opt/WizePanel/WPServer/conf/adapters.properties	Adapter (Interface) Configuration
/opt/WizePanel/WPServer/wpserver/conf/schadchen.json	Assignment Adapter - Sources - WizePanel / WizeScreen
/opt/WizePanel/WPServer/system/rules.xml	Assignment Template - WizePanel / WizeScreen
/opt/WizePanel/WPServer/system/templates/*.*	Templates