Hosting the server

How to download the Server?

To download the server you need to:

1. Have Java 21 installed (See FAQ below)
2. Download the latest release from Github Releases (Select "Server.zip", not "Source Code")
3. Unzip it

How to run the Server?

On a PC/Server:

1. Run the server inside a Terminal using:

   ```
   java -jar SpectrumSurvival.jar
   ```

2. Join the server on the Minecraft version it's showing in the terminal output

With a Minecraft Hosting Provider:

Most providers allow you to upload something called "Custom JAR". This is exactly what Spectrum Survival is. Follow your Hosting's instructions on how to do it. Here's Shockbyte for example.

FAQ:

> **How to install Java 21?**
>
> To download and install Java 21 you need to:
>
> 1. Go to this URL and download the version for your system (Linux, macOS, Windows | x64, ARM64)
>
>   > Installer will probably be the best option (So for Windows it will be the "x64 Installer" option)
>
> 2. Run the downloaded installer and follow the instructions

3. After installer is done you *should* reboot your machine (PC/Server/VM/etc.)

How to check my IP?

On Linux/macOS:

Use this command inside a Terminal:

```
ifconfig
```

On Windows:

```
ipconfig
```

On a (Minecraft) Hosting:

↓ See below ↓

How should my IP look like:

It depends.

1. If you're running the server at home you need to look for a "Private IP". On Windows it will be **IPv4 Address....: YourIP** and on Linux/macOS **inet addr: YourIP**. It will most probably be something like **192.168.X.X** (but it can be different).
2. If you're running the server at some Minecraft Hosting, they'll have the IP somewhere in the admin panel.
3. If you're running the server somewhere else (Like a Linux VM Hosting), TODO

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