

# 13 Open-source Free Minecraft Servers And Server Manager Solutions

Minecraft is a well-known sandbox game that allows players to create and design their own worlds. It's referred to as "sandbox" because it allows players to create their own worlds without having to follow any set objectives.

The player is able to create or explore and interact within the vast space.

Minecraft relies on servers that are a company or player-owned server. The Minecraft server allows players to connect to each other and play online, or through a local area network.

Minecraft servers are available in a variety of forms functions, sizes, licenses and costs.

Public Minecraft servers are frequently posted on Minecraft official forums.

In this article, we've gathered the top open-source, free Minecraft server and server administrators for anyone who would like to own their server.

Free, open-source Minecraft server and server panels

Glowstone; Glowstone is a free, open-source, cross platform lightweight Minecraft server written in Java programming language.

Glowstone supports all plugins that are written for the Bukkit Paper, Spigot, and Bukkit APIs natively. Minestom; Minestom is a Minecraft server implementation that is completely free and open source. Minestom is a program for developers that is rich in documentation and code snippets. It supports entities, blocks and inventory.

Minestom's modular structure allows developers to design their own extensions.

Minestom utilizes Apache License V2.0 (Open-source license).

Cuberite; Cuberite, a simple, but powerfully extensible Minecraft server is Cuberite. Screamyguy supports Windows, Linux and macOS and Android unlike many of the other games.

Cuberite offers a variety of demo servers for free testing as well as a comprehensive getting started guide.

PufferPanel: PufferPanel does not serve as an actual Minecraft server, but is a game sever management panel that offers full support for Minecraft and Spigot, Sponge and Forge.

PufferPanel was released under the Apache License 2.0

Fork Similar to PufferPanel Fork is a Minecraft server Manager graphical user interface GUI. It has a simple user interface that doesn't require any additional learning plugins, multiserver/instance compatibility and multiplatform support.

Crafty Controller; Another Minecraft server control platform for gamers. It can be used on Windows and macOS as well as Linux.

Paper MC Paper is a completely free Minecraft server software that is compatible with Spigot plugins. Paper MC comes with an more features, including an expanded API, community support, and offers a seamless performance.

Bukkit; Bukkit allows developers to extend Minecraft multiplayer servers by using open-source software.

Bukkit comes with a large base of third-party projects which include modules, plugins and code fragments.

Pterodactyl Panel; Pterodactyl Panel is a free, open source game server management tool for games.

It is based on the latest web technologies like PHP, Go and React. Pterodactyl Panel, an

easy-to-use system, comes with Docker support and scalable architecture.

Gamocosm Gamocosm allows gamers to run their cloud Minecraft servers on hosting services such as DigitalOcean.

MultiMC; MultiMC is not a server or a server management panel, however it is worth mentioning here because it lets gamers run multiple, separate instances of Minecraft and each of them comes with its own mods packs, resources, and mods.

MultiMC is available on Windows, macOS and Linux (Debian Arch, Ubuntu, Linux Mint).

MSM; MSM is a open-source, free and popular Minecraft Server Manager for admins devops, gamers, and administrators. It allows users to create WorldEdit compatible snapshots with no effort.

Schlagwetter; Schlagwetter is an open-source project to create an online server for Minecraft. However, it's not getting regular updates like its competitors.

Wrapping up.

As our list draws to an end, we've listed the best open-source and free Minecraft server and management panel projects. If you know of any other project that fits our list, please let us know.