

How To Create A Minecraft Multiplayer Server?

What is the best way of setting up a reliable Minecraft Multiplayer servers? This article will share 9 of the best servers to enhance your Minecraft Multiplayer experience. This article will explain how to set-up and host your Minecraft Multiplayer Server. We also discuss the pros and con of each service.

What is a Minecraft server

Why do you need your own Minecraft server

Best overall servers for Minecraft

Minecraft has been around in 2021, and it continues to be hugely popular for its entertaining and varied gameplay. But the real fun starts when you create your own server to play with friends (and even make new ones).

If you're considering creating your Minecraft world, continue reading to learn all you need to know.

A server is a combination hardware and software platforms that allows administrators and developers to manage their websites, complex apps, and virtual online worlds.

It's basically a powerful computer launched remotely on one of the hundreds of data centers around the globe. It is available 24/7 online and runs special software that allows multiple users to access web services or gaming realms stored on its hard drive.

Minecraft servers are more targeted. They are very similar to dedicated or VDS servers in technical terms. The difference lies in the software they run.

These servers allow you to create unique Minecraft online worlds.

Why do you need your own Minecraft server?

When creating your own Minecraft world, it's natural to want your own set of rules. You can do this best by creating your own Minecraft Multiplayer server. You can set it up exactly the way you want it, invite the players you want to play with, and change anything at any

moment.

You can have your own Minecraft Multiplayer server to give you full control over many aspects of the game, such as:

The vanilla Minecraft world's characteristics change - the creatures that inhabit it, the materials it has, etc.

A variety of materials are available for players to use in crafting.

As an administrator or game master, you can choose the most convenient way of creating and maintaining a virtual Minecraft world.

Having the opportunity to make money from your Minecraft server.

Playing exclusively with your closest friends without being disturbed by strangers.

You can create your own Minecraft world.

If the above sounds like a lot of fun, then you definitely should consider creating your private server.

How to play Minecraft online

Minecraft is a great multiplayer game. But, the fun multiplies if you invite friends or join someone else to play. That's why so many Minecraft fans are eager to find the best way to play the game online. mcdev You need a server.

We will guide you through different ways to create Minecraft servers, showing you the best way to set up your own, explaining how to play with your friends for free and what great Minecraft servers (with engaging and entertaining mods) already exist.

How to create a Minecraft server with Realms

Project Realms was developed by Mojang and Microsoft, the developers behind Minecraft. A Realm is an individual Minecraft server. It can be as different or as normal as you wish, and

it's an excellent way to play Minecraft officially.

You only need to subscribe to Realms Plus to get started. This is Microsoft's service which allows you create your own realm on Microsoft's servers. You can play with as many as ten friends.

The Realms service guarantees safe and reliable resources to play Minecraft online, without worrying about software settings, updating game clients, creating data backups, etc.

It has two major drawbacks.

You need to have a licensed Minecraft version.

Microsoft's restrictions are your responsibility. No cheats, no mods, no custom rules or plugins.

Realms may not be the right choice if you are looking for a unique experience that is free from any restrictions. But don't worry. There are other options available.

How to create your own Minecraft server

The first thing you have to do is download the Minecraft server that suits your needs. There are two types of servers:

Vanilla. That is the classic implementation of the Minecraft server as offered by the developers of the game. It has the same restrictions as Realms on modes and plugins, however it still allows for a more personal and unique experience. You can also save all data on your computer or dedicated server.

Bukkit. This is a project by passionate gamers who wanted to escape Microsoft's restrictions and explore Minecraft's unlimited possibilities using modifications made by third-party developers or fans.

Both of these servers are available online and can be downloaded for free.

Vanilla is available at the official Minecraft site. To work with it, you must download Minecraft Server and launch it via the Java command-line interface.

Java can be downloaded and installed

Open the command prompt on your operating system

For Windows: select the Start button and type cmd, you'll see Command Prompt in the list

MacOS: Press Command - spacebar for Spotlight. Type Terminal. Double-click the search result.

Linux: press Ctrl+Alt+t keys at the same time

```
java -Xmx1024M -Xms1024M -jar minecraftserver.1.17.1.jar nogui
```

Your server is now up.

Next, you will need to configure your server. The method you use to do this will depend on which type of hosting you choose.

To create a Bukkit-server, you'll need to download Forge and install it. Once it has downloaded, you'll need to launch it and set up the parameters of the server.

Where to host your server

Your server needs to have a home to make it accessible.

After you have downloaded a server and launched it from your computer, your server won't be available for longer than your computer can run it. Turn the computer off (or even close the command line while running Minecraft server), and bye-bye custom Minecraft world.

You need a computer that is always online and available for players.

This is possible by renting a dedicated server for your game world from a generic hosting provider.

Once you have remote access to your rented server:

Download your chosen Minecraft server onto it

Start the server via the Java command `java -Xmx1024M -Xms1024M -jar minecraftserver.1.17.1.jar nogui`

Set up your connection parameters and find the IP address and ports you want to connect.

Although this is a popular method to set up your Minecraft Multiplayer server it requires some effort.

Let's now look at other solutions.

How to host a Minecraft server for free

The process of creating and setting up a free Minecraft server is almost the same as for the paid version.

First, you have to find a free hosting provider that will allow you to host your data on its hardware. This isn't exactly easy, as not many people like sharing their property with others for free.

Moreover, you'll be forced to use a non-official Minecraft server application created by a third party. The same applies to your game client. Because the original game isn't available for free, and there's no way of overriding this,

If you're ok with all of the above, you just need to download the Bukkit-server and launch it via the Forge Minecraft server app on your free hosting. The process is the same as the one for non-free options.

Why you shouldn't host your server for free

Yes, you can host your Minecraft server for free. We would not recommend hosting your Minecraft server for free.

Free hosting providers can be slow and unreliable. Do you not want your virtual world to work at all hours? Hosting free of charge would ruin the entire experience by its slow performance.

If you're not paying money, the provider has no obligation towards you. If they decide that you want to shut down your virtual universe, they can do so without you asking.

Even though free hosting providers are not required to pay the bills, they still need to be paid. They might place advertisements on your site, or in your gaming chat. This can be very annoying to say the least. You might also find that some ads displayed on your server are inappropriate for minors. This could lead to you getting in trouble.

You can also sell your personal data to make money with free hosting providers. Although not all do it, do you really want that risk?

Hosting free of charge will severely limit your options due to hardware limitations. You won't get as many friends to play as your wish and you'll be restricted in the number of materials, constructions and NPCs that you can add.

If you wanted to start your own Minecraft server to have unlimited creative freedom and a reliable platform, a free server will only lead to disappointment.

There is another option.

Ready to try?

You can create your virtual machine in 55 seconds.

Try now

The best way to host your Minecraft server

Hostman, a hosting platform like Hostman, is a better choice than dealing with confusing and troublesome dedicated servers.

Hostman offers a marketplace that lets you deploy a wide range of software products in just one click. This includes Minecraft servers. You can easily create your own private server without having to follow any restrictions imposed by Microsoft.

Visit the Hostman Marketplace

Choose Minecraft server

Click on the "Deploy" button

Done!

You are now ready to experience your Minecraft virtual world in its entirety, with a reliable and fast hardware platform.

If you're looking for a high-performance Minecraft server installation that offers a certain degree of freedom and that won't break the bank, you have it all here.

The game client usually establishes a connection to your virtual Minecraft realms.

Start the game.

Go to the Multiplayer menu.

Choose the Direct Connect option.

Type the IP address of your server.

Within a few moments, you should be connected at the server located on the address that was given.

But where is the address of the Minecraft server?

If the server runs on your local machine and is available, the IP addresses of the server are the same as those of the PC. To discover your IP address, you can use a site like Speedtest. Remote hosting can be found in the control panel.

Popular ready-made Minecraft servers

You won't see the server list in Minecraft if you are using a third-party client. There are many Minecraft servers and maps that have been prepared. Each map and server has its unique rules and gameplay.

Here's a list of some popular ready-made Minecraft servers for you to try out. We have added a brief description to each server, but there is a lot more information available if you want further information.

One of the best Minecraft servers. This map is perfect for those who want to add a little bit of Call of Duty to the classic survival and building game. Brawl transforms Minecraft in a shooter game with many different gameplay styles.

This is a great setup if you love classic online RPGs such as Runescape. These kinds of servers imitate that game and do it quite well. Explore dungeons, kill monsters, find artifacts, etc.

This map imitates "Among Us". Among Us Performium is very popular and allows players to enjoy the unique gameplay of Among Us in a different and more interesting way.

Best Minecraft survival servers

Minecraft is fundamentally a survival game. But if you're a hardcore survivalist, you'll love the added challenge and realism provided by these servers.

An interesting alternative to classic GTA games. It won't be as pretty as the original game, but the atmosphere and features are there. You can buy your own house, acquire weapons and get into firefights with the police. The true GTA experience.

This map is great for people who want to get an extra dose of adrenaline. This map is filled with many griefers and other monsters. Your only task is survival.

Best Minecraft parkour servers

Parkour is becoming more popular than ever, so it's only logical that Minecraft has adopted this sport. This collection of Minecraft worlds will challenge you. You'll need to jump over cubes to get to the next point. These servers are called parkour servers. They are incredibly

fun to use.

This Minecraft world is inspired by the children's game "The floor is lava". Concrete platforms floating on top of a huge amount of lava. Your goal is to make it through this hell as quickly and safely as possible, while avoiding being burned by a volcano.

Great server and map. One of the best features of MANACUBE is SkyBlocks. An impressive amount of blocks hovers in midair, and you need to use them to get from point A to point B. You might be wondering, "What is the best Minecraft server with skyblocks?" this is the one.

Best Minecraft prison servers

Jail in real life can be boring. It can be fun in Minecraft! These servers are themed after prisons to please your inner escape artist.

One of the most renowned servers on the internet and the largest provider of prison mode. It's set in the past with a pirate theme. So, get ready to board your enemy's ship and plunder to your pirate heart's content.

One of the oldest prison staff. This book is all about prison life. You'll need all the details about how to survive in prison, participate in massive gang fights and other such things.

Summary

Minecraft servers are very popular gaming platforms, bringing together thousands of players for a ton of fun. You can create a private server to play exclusively with your friends, or create a public one to invite players from around the world and make money offering unique features not available anywhere else.

Hostman is the best place to host your server, regardless of your career path.

Just click on the Deploy button and you're almost set up and ready to go. Hostman is free for 7 days. Hostman is only 19 dollars per month, if it's something you like (which we hope),