

# Modern Warfare 3 Dedicated Server Setup Guide

Interested in your very own Modern Warfare 3 Dedicated Server? Follow these steps to set up your Call of Duty Modern Warfare 3 dedicated servers and find out how other people can host or join them.

The steps are very simple: Install the files, configure the server, and then you can get it online. The configuration involves creating a recipe or a playlist.

RCON will be required to manage your dedicated servers once they are online. This guide will walk you through each step. For more information about Modern Warfare 3 please see our Weapons Equipment Perks and Streaks, Strike Packages, Crashes troubleshooting guide, and Weapons Equipment, Perks and Streaks troubleshooting guides.

## Modern Warfare 3 Dedicated Server Setup

These are the five steps that you need to take to get your Modern Warfare 3 server up and running.

1. Create a set 2. Create a Playlist Start Dedicated Server Executable & Console Set up Playlist, Map Rotation and Go LIVE!

### Step 1 - How to Create and Edit Modern Warfare 3 Recipes

A recipe in principle is a set of rules that you assign to a map. This section will show you how to save, modify, load, and delete recipes in Modern Warfare 3 dedicated servers. You will find several example recipes in the folder location specified below, which you can edit using any standard text editor.

Here are some examples of recipes:

```
\steamapps\common\modern warfare 3\admin\*.dsr
```

\*If you can't find them here, look in the players2 folder.

How to create recipes in Modern Warfare 3: Match Rules. You can access the recipe section via the Private Match Screen in Modern Warfare 3 (Play > Private Match > Game Setting).

Select the game mode where you want to create a new recipe.

You will have different options depending on which game mode you choose. These game options can be modified to your liking.

Once you have made all the changes, save the recipe to the admin folder used by the Dedicated Server by selecting Save Recipe To Disk option in the pop-up menu. The location to the folder, that is -\steamapps\common\modern warfare 3\admin\

How to Load Modern Warfare 3 Recipes - Match Rules You have already saved the recipe that you created in step 2 of Modern Warfare 3 root folder. Which is -  
\steamapps\common\modern warfare 3\admin\

If you are unsure of the Steam Root folder name, it would be C:\Program Files\Steam in most cases. It is possible for Steam to be installed in a different location. This makes it easy to identify the Steam Root directory name.

Recipes are saved in the.dsr file format. You can edit them using any standard notepad. Edit them with the notepad and save your changes. You can then select the Load Recipe From Disk Option in the bottom menu of the Game Setup screen.

This will open a list containing modified custom recipes that you can load. Continue to the next step by selecting the custom match rule recipe you want to load on your server.

## Step 2 - Create a dedicated server playlist

It's a text-file that contains match rules, recipes and map rotation settings. You can also change the weight, frequency, and pairing of map recipes. Modern Warfare 3 playlists can be saved as.dspl files, but they can still be edited using a standard editor.

The playlist content follows the following format:

```
mp_alpha, Custom_1, 1 mp_bootleg, Custom_1, 1
```

To make the maps random, add an \*. Free51 In any case, the example.dspl playlist will help you edit Modern Warfare 3 playlists. This playlist includes all the information needed to change any Playlist, including Map Names and Recipes as well as how to assign weights to map rotations.

The example Playlist is available in:

```
\steamapps\common\modern warfare 3\admin\default.dspl
```

The next map will reflect any changes made to settings, playlists, or recipes during active sessions.

### Step 3 - How to Start Modern Warfare 3 Dedicated server

Once you have set up Modern Warfare 3 playlists & recipes, you are ready for your Modern Warfare 3 dedicated servers. First, make sure all the important files are in the admin directory - \steamapps\common\modern warfare 3\admin

Start the Dedicated Server from Steam > Tools Menu. This will open the Dedicated Client Console. It can be renamed by entering `sv_hostname` in to the dedicated console. Replace the name of your dedicated server with Noob's Haven.

### Step 4 – Load playlist and Setup Map Rotation

You can also set up the map rotation using your Playlist. You can type `sv_maprotation` to load the map rotation playlist and then, type `start_map_rotate` to push the changes live!

Want to play a private match ? password protect your server. To password protect your server, type `'set_g_password'` from Modern Warfare 3's dedicated console.

### How to Tweak Modern Warfare 3 Server Configuration Settings

You can set the ports and other settings for your Modern Warfare 3 Dedicated Server by editing the following default server cfg or creating a new and pasting it in the following directory:

```
\steamapps\common\modern warfare 3\admin\server.cfg
```

The default CFG is all you need to get your first Modern Warfare 3 account up and running. We will update the guide with a more optimized server configuration file. Keep checking

back!

## How to Join and Host Modern Warfare3 dedicated Server

You can enable the server browser from the options menu by selecting dedicated servers in the Options. Once you have done that, servers will be available in the multiplayer menu. Select Servers, browse for low-ping servers online, and click connect to join the party.

### Things You Need to Know

**Dedicated Server Shortcut** Once you have made the changes to players2 folder, you are able to start the server by using this shortcut:

```
"X:\Steam\steamapps\common\call of duty modern warfare 3\iw5mp_server.exe" +set sv_maprotation your_map_rotation +start_map_rotate
```

It's simple to create a shortcut, create a text file, change the above line of code and direct it to the location of the server executable. You can paste the code into that text file and change its extension to.bat.