Download & extract ‘Steam Console Client’ (SteamCMD)

SteamCMD is a command-line version of the Steam client. Its primary use is to install and update various dedicated servers available on Steam using a command-line interface.

This link is from the Steam download page:

<https://steamcdn-a.akamaihd.net/client/installer/steamcmd.zip>

Place the self-extracting executable ‘steamcmd.exe’ into a new directory - I used C:\steamcmd

Run the self-extractor by double-clicking the file in file explorer.

Download & install the Icarus Server

Every week when they update the game, you have to update the server also or you'll get an error.

You will need to create a directory where the Icarus Server will reside – I used D:\ IcarusServer

Create 2 files in the steamcmd directory:  
1) Icarus\_Update.bat  
this has only one line: SteamCMD.exe +runscript Icarus.txt  
  
2) Icarus.txt  
this contains the following lines:  
  
force\_install\_dir "D:\IcarusServer\"  
login anonymous  
app\_update 2089300 validate  
quit  
  
replace D:\IcarusServer\ with the directory where you want to install the server.  
Make sure to create that directory first.

In the steamcmd directory, run the ‘Icarus\_Update.bat’ file. You can do this by right-clicking the bat file in Windows File Explorer and clicking ‘Run as administrator’.  
  
The server files will download & install.  
Quit the command prompt when finished.

Open router ports

Now you’ll need to open 2 ports on your router.  
Since router interface is different for each router, I can only give general guidance.  
  
Login to your routers web interface. You’ll need to know your routers ip address,  
something like 192.168.0.1 but check your router or with your ISP to confirm.  
  
Find the Port Forwarding section & open 17777 UDP & 27015 UDP to your computer ip.  
  
If the computer your game is installed on has an ip of 192.18.0.10 then open the ports to  
that ip. If you don’t know your gaming pc ip, you can run ipconfig in a command prompt  
to find it.

Server Setup

Switch to the server directory .  
Right click IcarusServer.exe & create a shortcut.  
In the Target box enter the following on one line:  
  
D:\Icarusserver\IcarusServer.exe -SteamServerName="MyServerName" -Port=17777 -QueryPort=27015 -Log  
  
replace D:\IcarusServer\ with the directory where you installed the server.

Replace “MyServerName” with the server name of your choice.  
  
Click apply & Ok.  
  
Check that a ‘ServerSettings.ini’ file exists in the following directory:

D:\IcarusServer\Icarus\Saved\Config\WindowsServer\

If the file exists, jump down in this document to “Server settings .ini file adjustment”

If not, do the following:

Now run the server using the shortcut & wait until it shows - No player found

We’ll create an open world and let the server create a   
To finish setup, run the game, select your character & select Join.  
Switch to the Dedicated Servers tab & search for your server name.  
You should see your server with Prospect name as Server Lobby.  
Double click it. Select YES to join.  
You will then get a screen that has New & Load options - select New, then Open World.  
Select a map, select Create New Open World & give it a name.  
It doesn't matter what name because we won't be using this world,  
it's just to finish initial setup.  
Claim Prospect, then confirm loadout.  
Select a drop point then select Drop Here.  
Finally YES to Claim this prospect.  
It might actually load or just return you to the Main Menu,  
If it loads press Esc & select Exit to Desktop.  
If it returns to the Main Menu instead of loading, Exit game,  
Close server window.

Server settings .ini file adjustment

Edit the following file:

D:\IcarusServer\Icarus\Saved\Config\WindowsServer\ServerSettings.ini

Edit this file - there are 4 lines to change at this point:  
  
SessionName= Use the name of your server  
JoinPassword= this is the password you enter to join your server  
MaxPlayers=1 to 8 if you want to allow others on the server  
AdminPassword= this is for admin purposes only - never used & don't know if it does anything  
Leave the rest for now & save it.

If You Want To Play an Existing Prospect

Go to the following directory:  
  
C:\Users\Your PC login name\AppData\Local\Icarus\Saved\PlayerData\<playeraccount#>\Prospects  
  
The long number will be different for you - it's your user ID for the game.  
  
In this directory you'll find you Open World file along with other files with random names  
if you've played any Prospect missions.  
The file you want is the one that you named your Open World.  
For instance, mine was named PlayOne so I copied the PlayOne.json file.  
  
Copy this file to:  
  
D:\icarusserver\Icarus\Saved\PlayerData\DedicatedServer\Prospects  
  
replacing D:\icarusserver with the directory you installed the server in.  
  
Delete the temporary world you created during Setup.  
  
One last step. Go back to the ServerSetting.ini file & change  
  
LoadProspect= to LoadProspect=PlayOne & save.

Now test it

Run the IcarusServer shortcut to start the server and wait until it shows  
-------- Server is now empty --------  
Run the game in Steam.  
After selecting your character Click Join & wait for the server list to populate.  
Click the Dedicated Servers (Beta) tab & search for your server name.  
Double click, select Join Prospect, & enter your password & go!

Share the SessionName & password with your friends to connect!

**Server Admin Commands – Hit Enter while in-game and in the chat type**:

/AdminLogin (Password) Log in with admin permissions using the admin password defined in   
your icarus.properties file.

/KickPlayer (Steam ID or Player Name) [Reason] Kick the specified player from the current  
 Prospect. The kicked player will be unable to rejoin until a new Prospect begins.

/BanPlayer (Steam ID or Player Name) [Reason] Ban the specified player from the server.   
This can only be undone using the /UnbanPlayer command.

/UnbanPlayer (Steam ID or Player Name) Unban the specified player if they were banned.

/ReturnToLobby Return to the server lobby/Prospect select.

/ReturnToLobbyWhenEmpty Automatically return to the server lobby/Prospect select when there are no players online.

/AdminSay Broadcast a message to all online players.

/Help Shows a list of available admin commands.