

Rexorz Guide to using LanPlay with Animal Crossing: New Horizons

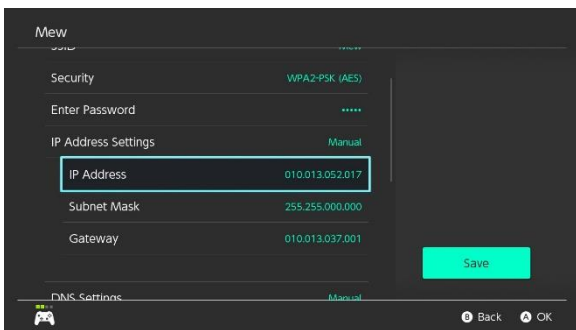
Good morning, kids! ^_^ There are a TON of various guides floating around the internet on how to do this. A lot of the information here can be found there, as well. My goal with this guide is to both make the information easier to understand and to add a few details that will make life easier!

STEP 1: SETTING UP THE SWITCH

The very first (obvious) step is to make sure that your Switch has Internet Local Wireless Play enabled. I use SX OS, which just requires a toggle under the OPTIONS menu. If you're on a different CFW, your process will vary.



Next we'll be accessing the Switch's Internet Settings screen. Do this by going to System Settings, Internet, Internet Settings, Choose your wi-Fi network, then Change Settings. You should now see this screen, only without the IP information, the name of your Wireless Network will be in the upper left (Yes, my network is named Mew):



First thing you'll do is choose Ip Address Settings and change Automatic to Manual, which will cause the IP Address, Subnet Mask, and Gateway fields to appear.

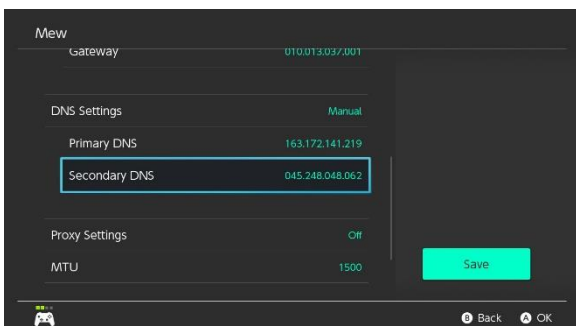
Change each of these values as follows:

IP Address 010.013.XXX.017 Replace XXX with any number between 001 and 255. Several of the guides say you can make this anything you want within a certain range, but changing the final 017 seems to create connectivity issues.

Subnet Mask 255.255.000.000

Gateway 010.013.037.001

Next scroll down to the DNS settings. If you've already changed this for other reasons, you probably don't need to change it, but here's what it looks like with my settings:



Regardless of whether or not you change your DNS, it is CRITICALLY IMPORTANT that you change the MTU setting to 1500. Animal Crossing will not connect correctly without this option set properly.

Save your settings and try to connect to the network. It should fail to connect.

Congratulations! Your Switch is now configured for internet lan play! Now onto the PC!

STEP 2: SETTING UP YOUR COMPUTER

My guide will assume you are using Windows 10. I do not use a Mac or Linux. You'll have to check elsewhere for help.

Winpcap VS. Npcap

<https://www.winpcap.org/install/default.htm>

When you visit this page, you're going to see "**WinPcap Has Ceased Development**" and that you should download Npcap, instead. DO NOT DOWNLOAD NPCAP! Click the link to download Version 4.1.3 Installer for Windows or just follow this link: https://www.winpcap.org/install/bin/WinPcap_4_1_3.exe

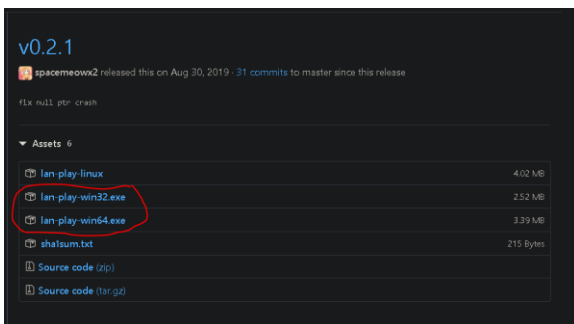
Once Winpcap is installed, it's a good idea to reboot your computer!

Lanplay CMD vs. Lanplay GUI

A lot of people are scared of using the Windows Shell/Command Line or just want an easy to use interface. That being said, there is a GUI (Graphical User Interface) for the Lanplay software. For some people, it works great! For others, such as myself, though, it doesn't work at all. I will NOT be covering using of the GUI version here.

Start by visiting this GitHub and downloading the appropriate file based on your OS, which is most likely 64:

<https://github.com/spacemeowx2/switch-lan-play/releases>



Now for some ease of use items!

Open your Windows File explorer and create a new folder in the root directory of your hard drive (IF you have a drive D, use that, otherwise Drive C is fine). Once you've created the folder, copy the file you just downloaded into the folder and rename it to "lanplay", removing the hyphens and numbers. This will be the folder you initially launch your client from.

Now we want to open a command prompt. Do this by going to your Start menu (Windows menu) and type the letters CMD. You'll see the Command Prompt App. Open it.

If you created the folder on your C drive, simply type `cd\lanplay` and press enter. You should see something like this:

```
C:\Users\Miiko Flynn>cd\lanplay
C:\lanplay>
```

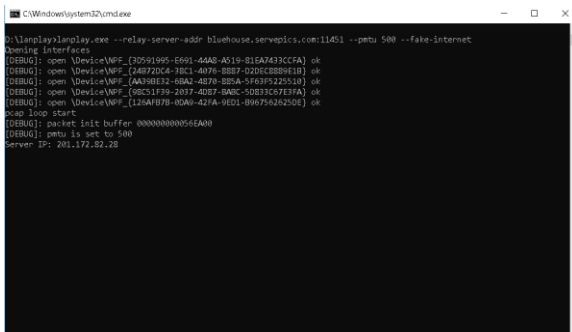
If you created the folder in another drive, then type `d:` and press enter, then type `cd\lanplay` and press enter:

```
C:\Users\Miiko Flynn>d:  
D:\>cd\lanplay  
D:\lanplay>
```

Now it's time to start our client! For this test, just copy and paste the following into the command prompt (use Ctrl-V to paste it, as there's no menu to select it from). Don't type lanplay or anything else, just copy the line exactly as it is, then press enter:

```
lanplay.exe --relay-server-addr bluehouse.servepics.com:11451 --pmtu 500 --fake-internet
```

A command prompt box will pop up that should look similar to this:



```
C:\Windows\system32\cmd.exe  
D:\lanplay>lanplay.exe --relay-server-addr bluehouse.servepics.com:11451 --pmtu 500 --fake-internet  
Opening interfaces  
[DEBUG]: open \Device\NPF_{30591995-1691-4A40-A019-81EA7433CCFA} ok  
[DEBUG]: open \Device\NPF_{24822054-3821-4070-8087-322016309918} ok  
[DEBUG]: open \Device\NPF_{AA38E32-68A2-4870-825A-5F63F5225510} ok  
[DEBUG]: open \Device\NPF_{08C1F70-2037-4087-8A6C-50B33C67E3FA} ok  
[DEBUG]: open \Device\NPF_{125A4E30-9066-421A-95D1-896752625201} ok  
pcap loop start  
[DEBUG]: packet init buffer 00000000054E400  
[DEBUG]: pmtu is set to 500  
Server IP: 203.172.82.28
```

The number of /Device lines will vary depending on your computer. The important detail here is that you see the ok at the end and no fails.

Congratulations! Your lanplay client is setup and ready to go! Now back to the Switch!

STEP 3: SETTING UP THE GAME

Now that your Switch's settings are done and your client is running, it's time to actually get into the game!

Well, there's one last step before that! Go back to your System Settings>Internet and connect to your wi-fi. It should successfully connect this time! Now press that Home button and Launch Animal Crossing!

When you go to the airport, whether you are traveling or hosting, you're always going to choose Local play!



And that's it! That's all there is to actually setting up the game!

Now I'll talk about how to actually find someone to connect to!

Here is our example server again:

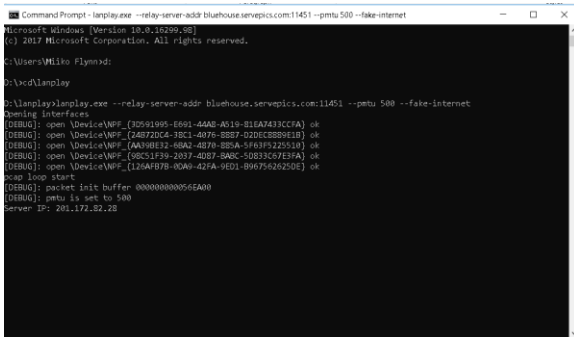
```
lanplay.exe --relay-server-addr bluehouse.servepics.com:11451 --pmtu 500 --fake-internet
```

The underlined part is the actual server address and port you'll be connecting to. If you're in the Discord chat (which I recommend), you'll see people posting these frequently. Here's the generic format:

```
lanplay.exe --relay-server-addr <server> --pmtu 500 --fake-internet
```

Just replace where it says <server> with the server address and port, such as: bluehouse.servepics.com:11451

So, to recap, you'll open your Command Prompt, switch to your Lanplay directory, and paste the full line starting with the lanplay.exe and ending with --fake-internet and press enter to launch the client:



```
Microsoft Windows [Version 10.0.18299.58]
(c) 2017 Microsoft Corporation. All rights reserved.

C:\Users\MI3fo Flynn> cd lanplay
D:\lanplay> lanplay.exe --relay-server-addr bluehouse.servepics.com:11451 --pmtu 500 --fake-internet
Opening interfaces
[DEBUG]: open \Device\NPF_{D0501095-8891-4A4E-8010-B1E4A83CCFA} ok
[DEBUG]: open \Device\NPF_{C48720C4-19C1-407F-8287-02DC3289418} ok
[DEBUG]: open \Device\NPF_{A9A9E32-68A2-4879-825A-5F63F5225518} ok
[DEBUG]: open \Device\NPF_{08C3F39-2037-4087-840C-5083C67E3FA} ok
[DEBUG]: open \Device\NPF_{13A4D18-60A6-42FA-9D01-99W9C902503} ok
pcap loop start
[DEBUG]: packet init buffer 00000000056A00
[DEBUG]: pmtu is set to 500
Server IP: 203.172.82.28
```

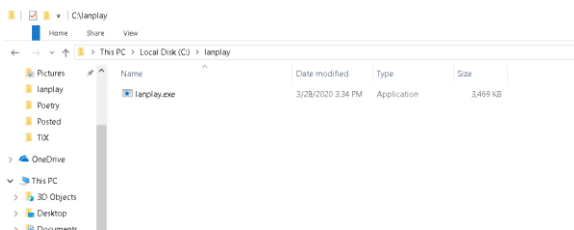
Here is a list of servers I've used in full command line syntax, so just copy/paste!

- lanplay.exe --relay-server-addr kirbfeels.throwbackcountdown.com:11451 --pmtu 500 --fake-internet
- lanplay.exe --relay-server-addr lanplay2.reboot.ms:11451 --pmtu 500 --fake-internet
- lanplay.exe --relay-server-addr bluehouse.servepics.com:11451 --pmtu 500 --fake-internet
- lanplay.exe --relay-server-addr aclanplay.servegame.org:11451 --pmtu 500 --fake-internet
- lanplay.exe --relay-server-addr switch.lan-play.com:11451 --pmtu 500 --fake-internet
- lanplay.exe --relay-server-addr lanplay2.reboot.ms:11451 --pmtu 500 --fake-internet
- lanplay.exe --relay-server-addr lanplay.reboot.ms:11451 --pmtu 500 --fake-internet
- lanplay.exe --relay-server-addr switch.lan-play.com:11451 --pmtu 500 --fake-internet
- lanplay.exe --relay-server-addr open.t0g3pii.tk:11451 --pmtu 500 --fake-internet
- lanplay.exe --relay-server-addr localhost.boroghor.com:11451 --pmtu 500 --fake-internet

BONUS! USING BATCH FILES!

Going into the Command Prompt every time can be tedious and adds extra steps that can be skipped using what's called a "batch" file. Before proceeding, make sure all Command Prompt windows are closed. It's also a good idea to close any other open windows!

Step One: Open your Lanplay folder in windows by clicking the drive you put it in and opening the folder:

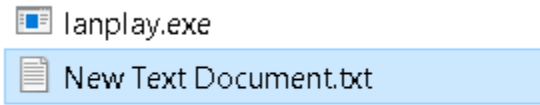
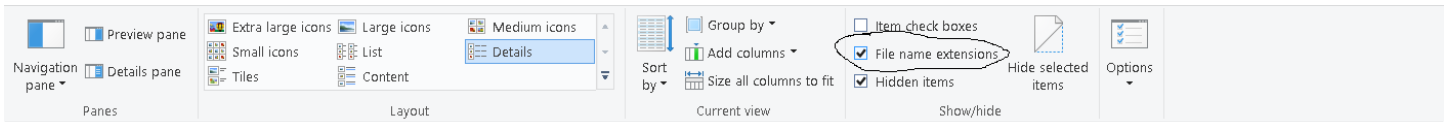


Right-click anywhere in the white space and choose New Text Document. Open the file and paste in your complete lanplay command:

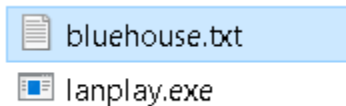


Save and close the file.

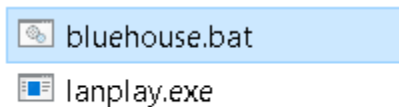
Back in your Lanplay folder, Click the View Tab and tick the File Name Extensions box. When you do this, the files in the folder will look a little different. Lanplay will become Lanplay.exe and New Text Document will become New Text Document.txt



Now we need to rename the text document. Since we are using the bluehouse server as an example, We'll rename the file to bluehouse.



But it's still a text file, which is of no use to us! We'll rename the file again, but THIS TIME, we're going to change the txt to bat! Notice how the icon changes when you do so!



Now open bluehouse.bat by double-clicking on it! You'll see something familiar!

```
C:\Windows\system32\cmd.exe

C:\lanplay>lanplay.exe --relay-server=addr bluehouse.servepics.com:11451 --pmtu 500 --fake-internet
Opening interfaces
[DEBUG]: open \Device\NPF_{3D591995-E691-44A8-A519-81EA7433CCFA} ok
[DEBUG]: open \Device\NPF_{24B72DC4-38C1-4076-8887-D2DEC8889E1B} ok
[DEBUG]: open \Device\NPF_{AA39BE32-6BA2-4870-885A-5F63F5225510} ok
[DEBUG]: open \Device\NPF_{98C51F39-2037-4D87-BABC-5D833C67E3FA} ok
[DEBUG]: open \Device\NPF_{126AFB7B-0DA9-42FA-9ED1-B967562625DE} ok
pcap loop start
[DEBUG]: packet init buffer 000000000056EA00
[DEBUG]: pmtu is set to 500
Server IP: 201.172.82.28
```

And that's it! To use other servers, just replace the server address as described earlier in the guide, name the file something that makes sense to you and change the 3 letters from txt to bat!

It is recommended that you hide file name extensions when you're not working with this so you don't accidentally break one of your other files by changing the extension!

At this point, you can actually move all the files from the Lanplay folder to somewhere else. Just make sure that lanplay.exe is in the same folder as your batch files for them to work properly.

And that's it! You're done! Congratulations!

