Windows 11 Personal Enable Group Policy, Fix Mapping and Scripting for Lab Drive and Printer

Steps to use when mapped network drives are not appearing in file explorer and/or printer is not working when added by IP after running our lab drive script. This fix should allow both our script to work as well as manual mappings and additions.

Step-by-step guide for enabling Group Policy Editor / Management (needed for Windows 11 Home Edition)

- 1. Download our PowerShell script to enable Group Policy Editor https://drive.google.com/file/d/1Maa_JLrBMKI8RgmP6heRaG5jarDIYXkM/view? usp=share_link
- 2. Extract the zip file > Right-click the extracted file and select "Run as Administrator"
- The file should go through some operations, downloading additional packages for Windows 11 and ultimately enabling Windows 11 Home for Group Policy Management. Once it is complete, please restart the system
- 4. Test group policy editing by pressing Win Key + R. In the box that comes up, type gpedit.msc and hit enter. You should be able to use Group Policy Management for the next steps now.

Step-by-step guide for enabling RPC to allow mapping and printing

- 1. Press Win+R to open the Run prompt.
- 2. Type gpedit.msc and hit the Enter button.
- 3. Go to Computer Configuration > Administrative Templates > Printers
- 4. Double-click on the Configure RPC connection settings on the right-hand side.
- 5. Select the Enabled option.
- 6. Expand the Protocol to use for outgoing RPC connections drop-down list.
- 7. Choose either RPC over TCP or RPC over named pipes option.
- 8. Click the OK button.

Configure KPC listener settings		Previous Setting Next Setting
Not Configured Comment: Enabled Disabled	I	
Supported on:	At least Wind	ows Server 2016, Windows 10
Options:		Help:
Configure protocol options for incoming connections. Protocols to allow for incoming RPC con RPC over named pipes and TCP Authentication protocol to use for incor connections: Negotiate	nections:	This policy setting controls which protocols incoming RPC connections to the print spooler are allowed to use. By default, RPC over TCP is enabled and Negotiate is used for the authentication protocol. Protocols to allow for incoming RPC connections: "RPC over named pipes": Incoming RPC connections are only allowed over named pipes "RPC over TCP" incoming RPC connections are only allowed over TCP (the default option) "RPC over named pipes and TCP": Incoming RPC connections will be allowed over TCP and named pipes Authentication protocol to use for incoming RPC connections: "Negotiate": Use the Negotiate authentication protocol (the default option) "Receiver is use the Kerberos authentication protocol If you disable or do not configure this policy setting, the above

(i)

Related articles

- Remote PC Access (Azure) for Labs
- Network Drive Mappings

- Add a Network Printer to a Mac by IP Address
 Add a Network Printer to a Mac
 Create an Outside Collaborator Folder for Research Drive