To configure your Raspberry Pi as a NAS (Network Attached Storage) with global access, you can follow these steps:

1. Install an operating system: You can install an operating system such as Raspbian, which is a popular operating system for Raspberry Pi. You can follow the official guide to install Raspbian from the Raspberry Pi website.
2. Connect your storage device: You need to connect your external storage device to your Raspberry Pi. You can use an external hard drive or a USB flash drive.
3. Install Samba: Samba is a software suite that provides file and print services to SMB/CIFS clients. It is used to share files with Windows computers. You can install Samba by running the following command:

**sudo apt-get update**

**sudo apt-get install samba samba-common-bin**

1. Configure Samba: You need to configure Samba to share your external storage device. You can edit the Samba configuration file by running the following command:

**sudo nano /etc/samba/smb.conf**

Add the following lines to the end of the file:

**[global]**

**workgroup = WORKGROUP**

**security = user**

**[share] path = /path/to/your/storage/device**

**browsable = yes**

**guest ok = no**

**read only = no**

**create mask = 0777**

**directory mask = 0777**

Replace ‘/path/to/your/storage/device’ with the actual path to your storage device.

1. Create a Samba user: You need to create a Samba user to access your shared folder. You can create a Samba user by running the following command:

**sudo smbpasswd -a username**

Replace username with the actual username you want to use.

1. Restart Samba: You need to restart Samba to apply the changes you made to the configuration file. You can restart Samba by running the following command:

**sudo systemctl restart smbd**

1. Set up port forwarding: You need to set up port forwarding on your router to access your Raspberry Pi from outside your network. You need to forward the port **445** to your Raspberry Pi's IP address.
2. Access your NAS: You can access your NAS from a Windows computer by opening File Explorer and typing **\\your\_raspberry\_pi\_ip\_address\share** in the address bar. Replace **your\_raspberry\_pi\_ip\_address** with the actual IP address of your Raspberry Pi.

That's it! You have successfully configured your Raspberry Pi as a NAS with global access