**18 - R710 Proxmox - Samba shares for W10 and W10 hosts file for WSL**

These notes cover setting up samba shares and hosts files for easy access and editing of files on proxmox and the run host VM (set up in “17 - R710 Proxmox Ubuntu cloud-init image - Terraform - Ansible”)

# Initial adjustments:

1. Log into user **rhys** on proxmox hypervisor, create folder “**/home/rhys/public**” and move directories from previous document “17-“ into this new directory.
2. Log into user **rhys** on run host VM: **run1**, create folder “**/home/rhys/public**” and move directories from previous document “17-“ into this new directory.

# Samba on Proxmox hypervisor:

1. Log into user **rhys** on proxmox hypervisor.
2. Do:  
   **sudo su -**

**apt install samba  
systemctl stop smbd**

**cd /etc/samba**

**mv smb.conf smb.conf.orig  
touch smb.conf**

1. Open file **smb.conf** in nano and put the following in it:  
   [global]

server string = File Server

workgroup = WORKGROUP

security = user

map to guest = Bad User

name resolve order = bcast wins

[prox1-rhys-public]

# public access

path = /home/rhys/public

force user = rhys

force group = rhys

create mask = 0664

force create mode = 0664

directory mask = 0777

force directory mode = 0775

public = yes

writable = yes

1. Then to check that the contents of **smb.conf** are ok, do:  
   **testparm**  
     
   and fix any problems with further editing of **smb.conf**
2. Then, do:  
   **systemctl start smbd**
3. You can now access in windows file explorer the following path: **\\prox1**

# Samba on run host “run1”:

1. Log into user **rhys** on “**run1**”.
2. Do:  
   **sudo su -**

**apt install samba  
systemctl stop smbd**

**cd /etc/samba**

**mv smb.conf smb.conf.orig  
touch smb.conf**

1. Open file smb.conf in nano and put the following in it:  
   [global]

server string = File Server

workgroup = WORKGROUP

security = user

map to guest = Bad User

name resolve order = bcast wins

[run1-rhys-public]

# public access

path = /home/rhys/public

force user = rhys

force group = rhys

create mask = 0664

force create mode = 0664

directory mask = 0777

force directory mode = 0775

public = yes

writable = yes

1. Then to check that the contents of **smb.conf** are ok, do:  
   **testparm**  
     
   and fix any problems with further editing of **smb.conf**
2. Then, do:  
   **systemctl start smbd**
3. You can now access in windows file explorer the following path: **\\run1**

# Add host IP’s to windows hosts file for WSL:

1. First have Windows Sub System for Linux installed with Ubuntu
2. Then, add:

# Added by rhys on 11.Feb.2022 for proxmox VM's

192.168.124.201 prox1

192.168.124.221 prox2

192.168.124.161 prox3

192.168.124.202 run1

192.168.124.222 run2

192.168.124.162 run3

# End of section

to file **hosts** in:

**C:\Windows\System32\drivers\etc**

using **vscode** to allow forcing save as administrator.

1. Then reboot windows to take effect, because every time Windows Sub System for Linux

is started up, it regenerates **/etc/hosts** from the file that was just edited.

1. In WSL Ubuntu terminal you can now do:  
   **ssh rhys@prox1**  
     
   or:  
   **ssh rhys@run1**

# Change a VM’s hostname:

1. If in any previous steps you have given a VM a hostname that now needs changing …
2. In the proxmox gui, select the VM whose name you wish to change and under **Options**, select **Name** and click **Edit** button above, at the top to change and save.
3. Then log into that VM and as sudo edit and update these files with your updated hostname:  
   **/etc/hosts**  
   **/etc/hostname**