

Access bridge modem with Asus Merlin's firmware

First login to router, go to Administration > System

Enable JFFS custom scripts and configs: Yes

Enable SSH: Yes

scroll down to click Apply

Quick Internet Setup

Operation Mode **System** Firmware Upgrade Restore/Save/Upload Setting Performance tuning SNMP

Administration - System

Change the router login password, time zone, and NTP server settings.

Change the router login password

Router Login Name	admin *
New Password	* *
Retype Password	Show password

Persistent JFFS2 partition

Format JFFS partition at next boot	<input type="radio"/> Yes <input checked="" type="radio"/> No
Enable JFFS custom scripts and configs	<input checked="" type="radio"/> Yes <input type="radio"/> No

SSH Daemon

Enable SSH	<input checked="" type="radio"/> Yes <input type="radio"/> No
Allow SSH Port Forwarding	<input type="radio"/> Yes <input checked="" type="radio"/> No
SSH service port	22
Allow SSH access from WAN	<input type="radio"/> Yes <input checked="" type="radio"/> No
Allow SSH password login	<input type="radio"/> Yes <input checked="" type="radio"/> No
Enable SSH Brute Force Protection	<input type="radio"/> Yes <input checked="" type="radio"/> No

SSH Authentication key

Logging

Remote Log Server	
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download WinSCP from <https://winscp.net/eng/download.php>

open WinSCP

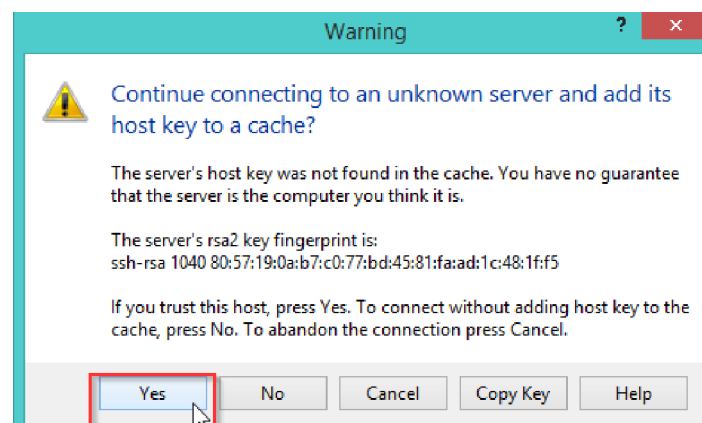
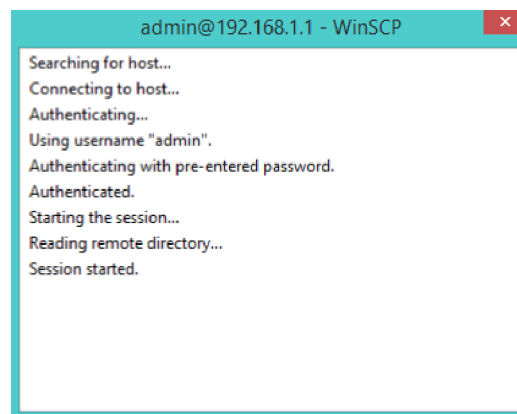
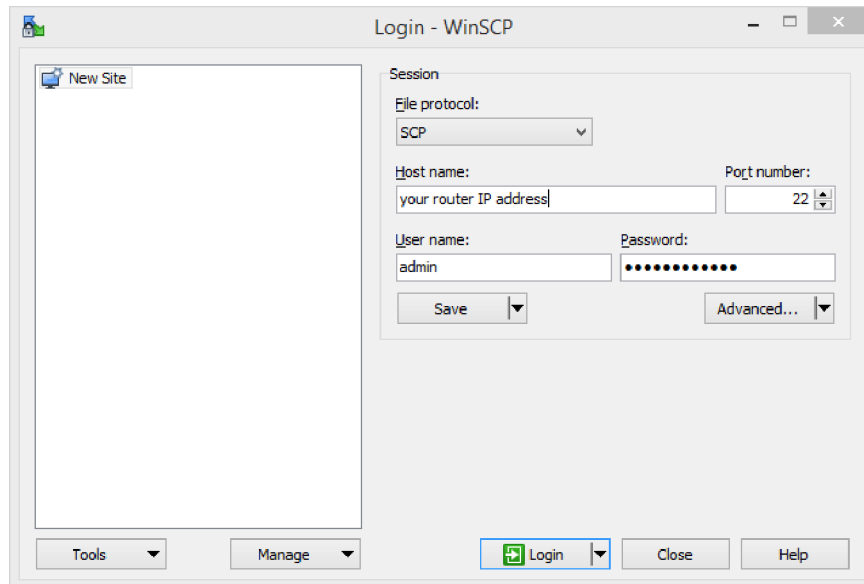
File protocol: **SCP**

Host name: **your router IP address**

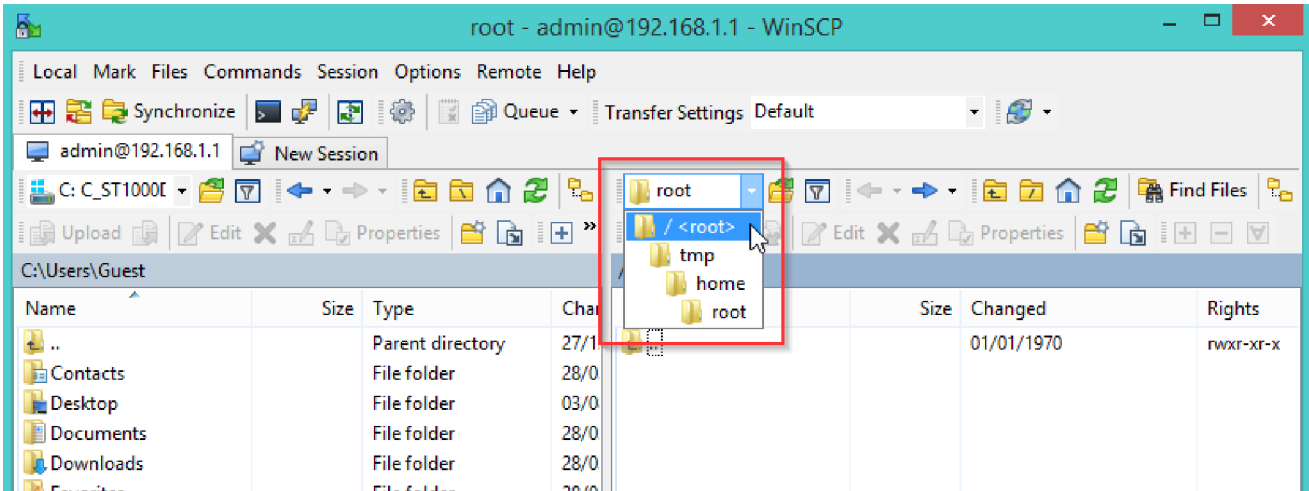
Port number: **22**

Username/Password log in your router

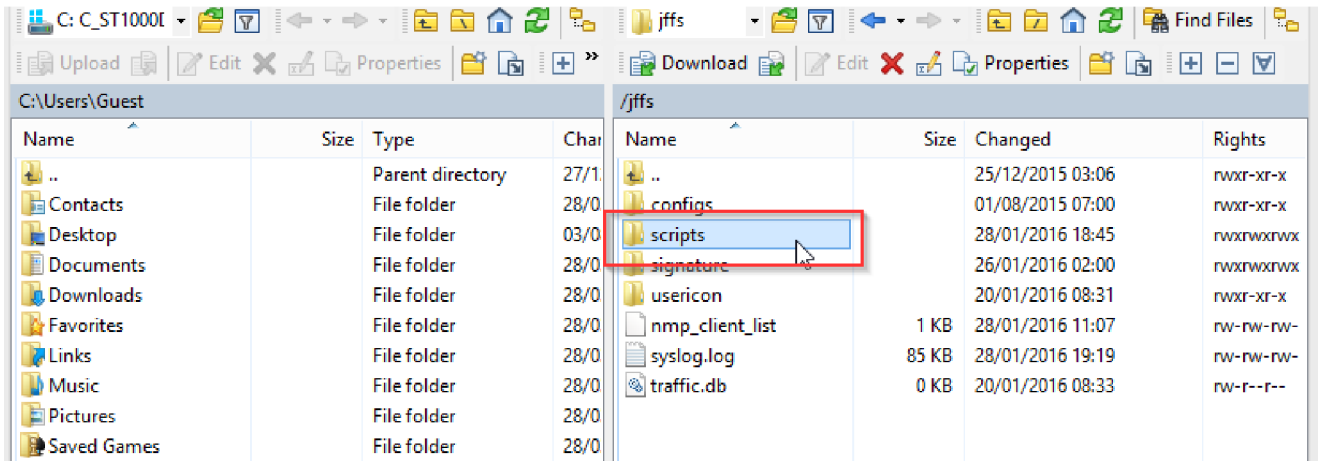
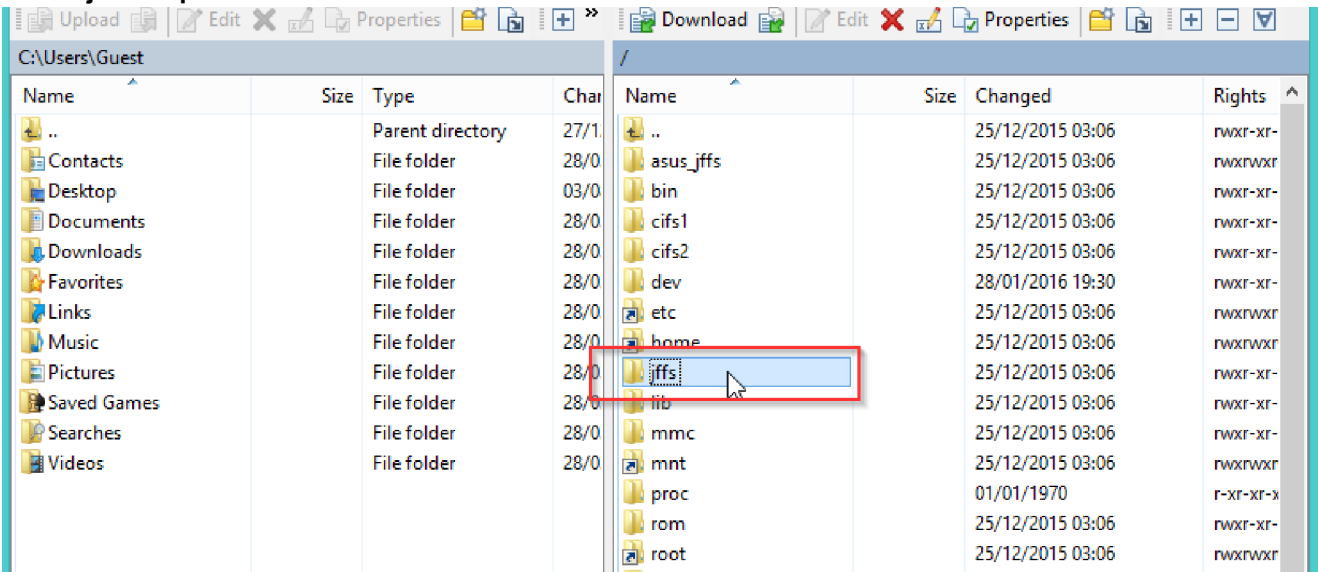
click Login



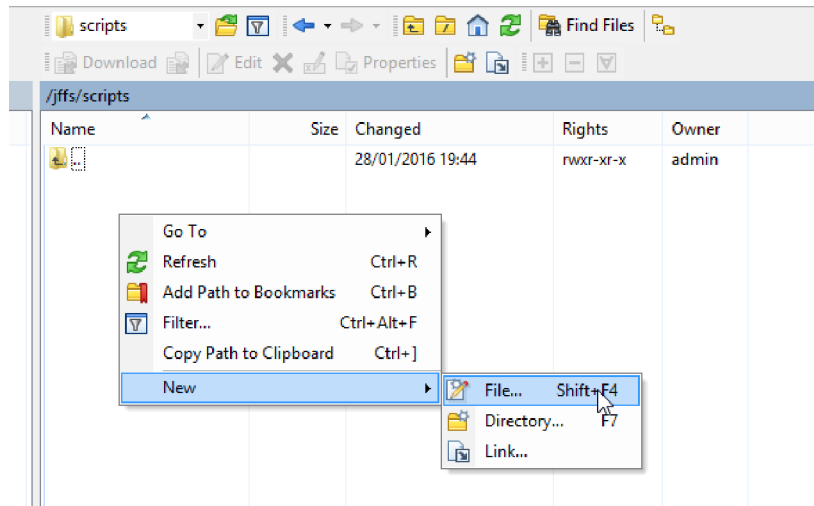
look at the right pane drop down list, select / <root>



go into folder /jffs/scripts



- right click select new file, enter name **wan-start**



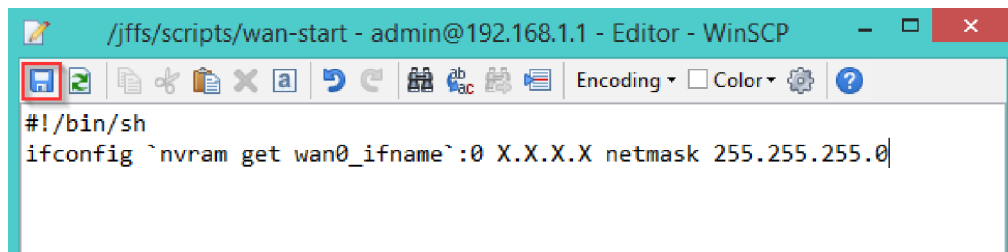
copy and paste code below.

#!/bin/sh

ifconfig `nvram get wan0_ifname` :0 X.X.X.X netmask 255.255.255.0

replace X.X.X.X with subnet IP of modem. (not a modem IP address)

if modem IP 192.168.1.70 then X.X.X.X=192.168.1.X where last X can be 1-69 or 71-254.



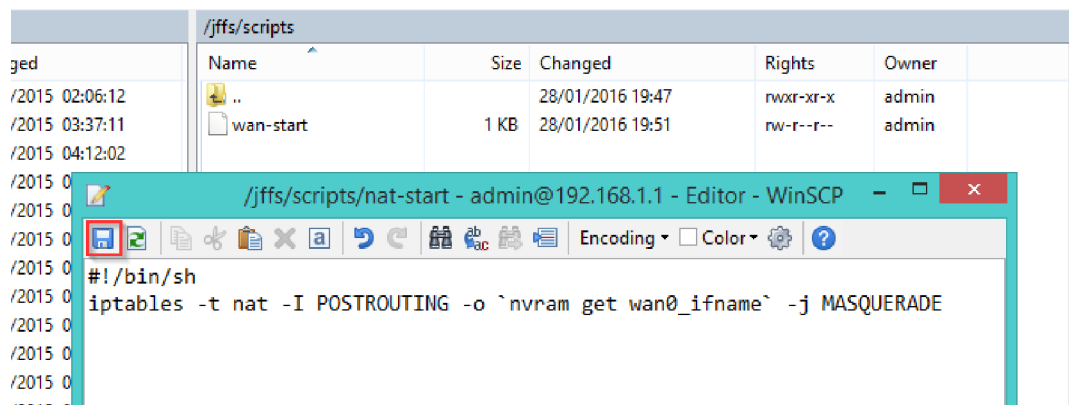
click save

- create file name **nat-start**

copy and paste code below.

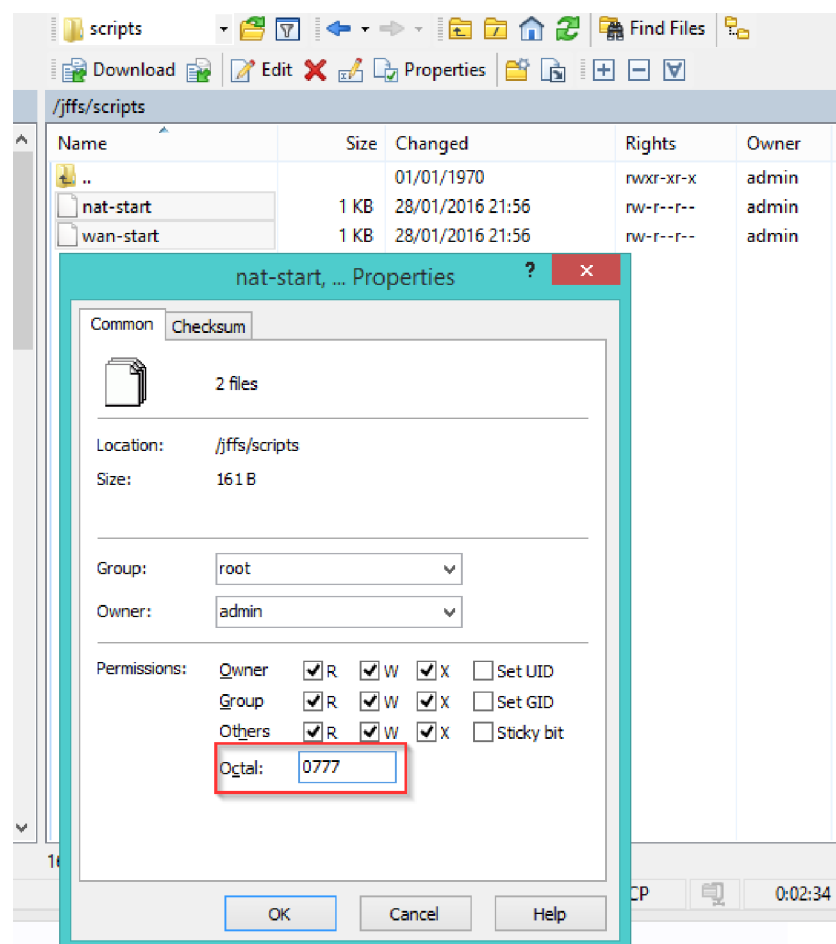
#!/bin/sh

iptables -t nat -I POSTROUTING -o `nvram get wan0_ifname` -j MASQUERADE



click save

select both wan-start and nat-start files, right click select properties.
change Permissions Octal to 0777



end..
reboot router to apply script..

waterboyd replied for thread: <http://www.snbforums.com/threads/access-dsl-modem-in-bridge-mode.29751>
script from thread: <http://www.snbforums.com/threads/access-modem-configuration-page.11957/#post-74960>