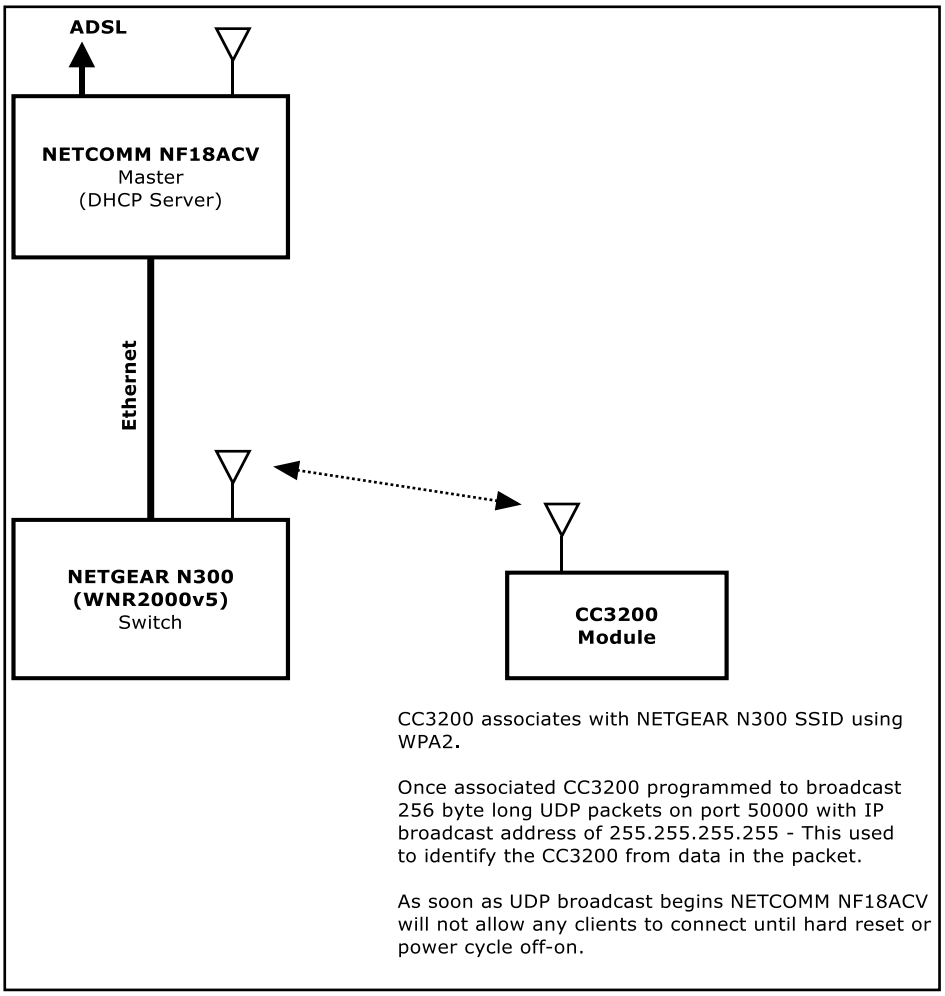
1) System Setup



2) NETCOMM NF18ACV Settings

Device Info

Manufacturer:	NetComm Wireless
Product Class:	NF4V
Serial Number:	161109500578
Build Timestamp:	201608161029
Software Version:	GURNV5.OT132A-8-NC.AU-R5B035.EN
Bootloader (CFE) Version:	1.0.38-114.170
DSL PHY and Driver Version:	A2pv6F039v4.d25b
VDSL PROFILE:	No profile
Wireless Driver Version:	6.30.163.23.cpe4.12L
Voice Service Version:	V2.4
Uptime:	41D 4H 51M 30S

This information reflects the current status of your WAN connection.

Line Rate - Upstream (Kbps):	0
Line Rate - Downstream (Kbps):	0
LAN IPv4 Address:	192.168.20.1
LAN MAC Address:	18F14561A9FE
Default Gateway:	58.96.2.228
Primary DNS Server:	58.96.9.5
Secondary DNS Server:	220.233.0.4
LAN IPv6 Address:	
Default IPv6 Gateway:	ppp0.1
Date/Time:	Mon Nov 26 16:22:55 2018

Device Info -- Route

Flags: U - up, ! - reject, G - gateway, H - host, R - reinstate

D - dynamic (redirect), M - modified (redirect).

Destination	Gateway	Subnet Mask	Flag	Metric	Service	Interface
58.96.1.2	0.0.0.0	255.255.255.255	UH	64	ETH WAN	ppp0.1
58.96.9.5	0.0.0.0	255.255.255.255	UH	64	ETH WAN	ppp0.1
220.233.0.4	0.0.0.0	255.255.255.255	UH	64	ETH WAN	ppp0.1
58.96.2.228	0.0.0.0	255.255.255.255	UH	0	ETH WAN	ppp0.1
192.168.20.0	0.0.0.0	255.255.255.0	U	0		br0
0.0.0.0	0.0.0.0	0.0.0.0	U	0	ETH WAN	ppp0.1

ETH WAN Interface Configuration

Choose Add, or Remove to configure ETH WAN interfaces.
Allow one ETH as layer 2 wan interface.

Name	Connection Mode	Remove
eth4/eth4	VlanMuxMode	☐

Add Remove

Device Info -- ARP

IP address	Flags	HW Address	Device
192.168.20.52	Complete	5c:49:7d:da:79:fc	br0
192.168.20.57	Complete	d0:65:ca:4c:e4:b5	br0
192.168.20.68	Complete	bc:a8:a6:79:e1:a4	br0
192.168.20.58	Complete	64:76:ba:93:75:fa	br0
192.168.20.53	Complete	74:e2:f5:cb:b6:38	br0
192.168.20.67	Complete	60:f1:89:56:4b:5f	br0
192.168.20.54	Complete	e0:60:66:11:77:0f	br0
192.168.20.56	Complete	34:08:bc:8d:74:da	br0
192.168.20.102	Complete	4c:11:bf:79:03:04	br0
192.168.20.55	Complete	38:ca:da:7e:61:4e	br0

Local Area Network (LAN) VLAN Setup

Select a LAN port: eth0/eth0 ▼

☐ Enable VLAN Mode

WAN Info

Interface	Description	Type	VLAN Mux ID	IGMP	NAT	Firewall	IPv4 Status	IPv6 Status	IPv4 Address	IPv6 Address
ppp0.1	ETH WAN	PPPoE	Disabled	Disabled	Enabled	Enabled	Connected	Connecting	115.70.7.146	

Wide Area Network (WAN) Service Setup

Choose Add, Remove or Edit to configure a WAN service over a selected interface.

Interface	Description	Type	VLAN 802.1p	VLAN Mux ID	IGMP	NAT	Firewall	IPv4	IPv6	MLD	Remove	Edit	Action
ppp0.1	ETH WAN	PPPoE	N/A	N/A	Disabled	Enabled	Enabled	Enabled	Enabled	Disabled	☐	edit	Disconnect

Local Area Network (LAN) Setup

Configure the Broadband Router IP Address and Subnet Mask for LAN interface. Group Name Default ▾

IP Address: 192.168.20.1
Subnet Mask: 255.255.255.0

☑ Enable IGMP Snooping

○ Standard Mode
◉ Blocking Mode

☐ Enable LAN side firewall

○ Disable DHCP Server
◉ Enable DHCP Server

Start IP Address: 192.168.20.50
End IP Address: 192.168.20.150
Primary DNS server: 192.168.20.1
Secondary DNS server: 192.168.20.1
Leased Time (hour): 24

Static IP Lease List: (A maximum 32 entries can be configured)

Edit DHCP Option 60 | Edit DHCP Option | DHCP Advance setup

MAC Address	IP Address	Remove

Add Entries | Remove Entries

Device Info -- DHCP Leases

Hostname	MAC Address	IP Address	Expires In
COM-MID1	a8:13:74:6f:9d:c2	192.168.20.50	13 hours, 53 minutes, 54 seconds
Theatre	7c:d1:c3:04:02:c8	192.168.20.51	18 hours, 57 minutes, 13 seconds
localhost	5c:49:7d:da:79:fc	192.168.20.52	22 hours, 49 minutes, 45 seconds
DC-iPad	74:e2:f5:cb:b6:38	192.168.20.53	19 hours, 27 minutes, 46 seconds
unkown	e0:60:66:11:77:0f	192.168.20.54	20 hours, 33 minutes, 18 seconds
Rita-Chawda	38:ca:da:7e:61:4e	192.168.20.55	23 hours, 2 minutes, 26 seconds
Drishas-iPhone	34:08:bc:8d:74:da	192.168.20.56	21 hours, 36 minutes, 26 seconds
android-64d0d7ef677b7442	d0:65:ca:4c:e4:b5	192.168.20.57	22 hours, 47 minutes, 31 seconds
Drishas-Air	64:76:ba:93:75:fa	192.168.20.58	18 hours, 20 minutes, 36 seconds
BRW1008B19CDA18	10:08:b1:9c:da:18	192.168.20.60	16 hours, 43 minutes, 51 seconds
DilendspleWatch	38:c9:86:c1:b0:e0	192.168.20.63	23 hours, 42 minutes, 41 seconds
RVL-5VX2N32	34:02:86:19:6e:a5	192.168.20.64	4 hours, 35 minutes, 28 seconds
Dilend-iPhone	38:53:9c:8a:7c:6d	192.168.20.65	23 hours, 32 minutes, 9 seconds
Samsung-Galaxy-S7-edge	60:f1:89:56:4b:5f	192.168.20.67	23 hours, 32 minutes, 37 seconds
RVL-5CD7417T63	bc:a8:a6:79:e1:a4	192.168.20.68	23 hours, 44 minutes, 49 seconds

ALG

Select the ALG below.

☑ Enable FTP
☑ Enable SIP
☑ Enable TFTP
☑ Enable H323
☑ Enable IRC
☑ Enable PT
☑ Enable PPTP
☑ Enable IPSEC
☑ Enable RTSP

IGMP Configuration

Enter IGMP protocol configuration fields if you want modify default values shown below.
NOTE: Query Interval is advised to no larger than 125s.

Default Version: 3
Query Interval (s): 125
Query Response Interval (1/10s): 100
Last Member Query Interval (1/10s): 10
Robustness Value: 2
Maximum Multicast Data Sources (for IGMPv3): 10
Fast Leave Enable: ☑
Mebership Join Immediate (IPTV): ☐

MLD Configuration

Enter MLD protocol (IPv6 Multicast) configuration fields if you want modify default values shown below.

Default Version: 2
Query Interval (s): 125
Query Response Interval (1/10s): 100
Last Member Query Interval (1/10s): 10
Robustness Value: 2
Maximum Multicast Data Sources (for mldv2): 10
Fast Leave Enable: ☑

Interface Grouping -- A maximum 16 entries can be configured

Interface Grouping supports multiple ports to PVC and bridging groups. Each group will perform as an independent network. To support this feature, you must create mapping groups with appropriate LAN and WAN interfaces using the Add button. The Remove button will remove the grouping and add the ungrouped interfaces to the Default group. Only the default group has IP interface.

Group Name	Remove	WAN Interface	LAN Interfaces	Edit
Default		ppp0.1	eth0.0	
			eth1.0	
			eth2.0	
			eth3.0	
			wl0	
			wl0.1	
			wl0.2	
			wl0.3	

Wireless -- Basic

This page allows you to configure basic features of the wireless LAN interface. You can enable or disable the wireless LAN interface, hide the network from active scans, set the wireless network name (also known as SSID) and restrict the channel set based on country requirements.
Click 'Apply/Save' to configure the basic wireless options.

- [x] Enable Wireless
- [ ] Hide Access Point
- [ ] Clients Isolation
- [ ] Disable WMM Advertise
- [x] Enable Wireless Multicast Forwarding (WMF)

SSID: NetComm 7483
BSSID: 18:F1:45:61:A9:FF
Country: AUSTRALIA
Max Clients: 16

Wireless - Guest/Virtual Access Points:

Enabled	SSID	Hidden	Isolate Clients	Enable WMM Advertise	Enable WMF	Enable HSPOT	Max Clients	BSSID
☐	WLAN_Guest1	☐	☐	☐	☑	☐	16	N/A
☐	WLAN_Guest2	☐	☐	☐	☑	☐	16	N/A
☐	WLAN_Guest3	☐	☐	☐	☑	☐	16	N/A

IPv6 LAN Auto Configuration

Note:
1: Stateful DHCPv6 is supported based on the assumption of prefix length less than 64. Interface ID does NOT support ZERO COMPRESSION "::". Please enter the complete information. For exampe: Please enter "0:0:0:2" instead of "::2".

2: Unique local address must start with "fd". The prefix and the address must be in same network and the prefix length must be 64.

- [ ] **Enable Unique Local Addresses And Prefix Advertisement**
  - ( ) Randomly Generate
  - ( ) Statically Configure
    - Address: (e.g: fd80::1/64)
    - Prefix: (e.g: fd80::/64)
    - Preferred Life Time (hour):
    - Valid Life Time (hour):

IPv6 LAN Applications

- [x] Enable DHCPv6 Server and RADVD
  - (•) Stateless
  - ( ) Stateful
    - Start interface ID: 0:0:0:2
    - End interface ID: 0:0:0:254
    - Leased Time (hour): 24

- [x] Enable MLD Snooping
  - ( ) Standard Mode
  - (•) Blocking Mode

Wireless -- Security

This page allows you to configure security features of the wireless LAN interface.
You may setup configuration manually
OR
through WiFi Protcted Setup(WPS)
Note: When both STA PIN and Authorized MAC are empty, PBC is used. If Hide Access Point enabled or Mac filter list is empty with "allow" chosen, WPS2 will be disabled

WPS Setup

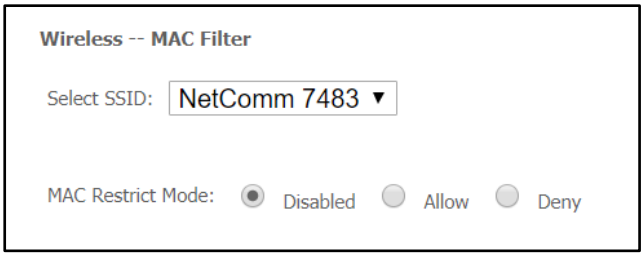
Enable **WPS** Disabled

Manual Setup AP

You can set the network authentication method, selecting data encryption,
specify whether a network key is required to authenticate to this wireless network and specify the encryption strength.
Click 'Apply/Save' when done.

Select SSID: NetComm 7483
Network Authentication: WPA-PSK
WPA/WAPI passphrase: ••••••••• Click here to display
WPA Group Rekey Interval: 0
WPA/WAPI Encryption: AES
WEP Encryption: Disabled

Apply/Save



Wireless -- Bridge

This page allows you to configure wireless bridge features of the wireless LAN interface. You can select Wireless Bridge (also known as Wireless Distribution System) to disable access point functionality. Selecting Access Point enables access point functionality. Wireless bridge functionality will still be available and wireless stations will be able to associate to the AP. Select Disabled in Bridge Restrict which disables wireless bridge restriction. Any wireless bridge will be granted access. Selecting Enabled enables wireless bridge restriction. Only those bridges selected in Remote Bridges will be granted access.
Click "Refresh" to update the remote bridges. Wait for few seconds to update.
Click "Apply/Save" to configure the wireless bridge options.

AP Mode:	Access Point
Bridge Restrict:	Enabled
Remote Bridges MAC Address:	

Wireless -- Advanced

This page allws you to configure advanced features of the wireless LAN interface. You can select a particular channel on which to operate, force the transmission rate to a particular speed, set the fragmentation threshold, set the RTS threshold, set the wakeup interval for clients in power-save mode, set the beacon interval for the access point, set XPress mode and set whether short or long preambles are used.
Click 'Apply/Save' to configure the advanced wireless options.

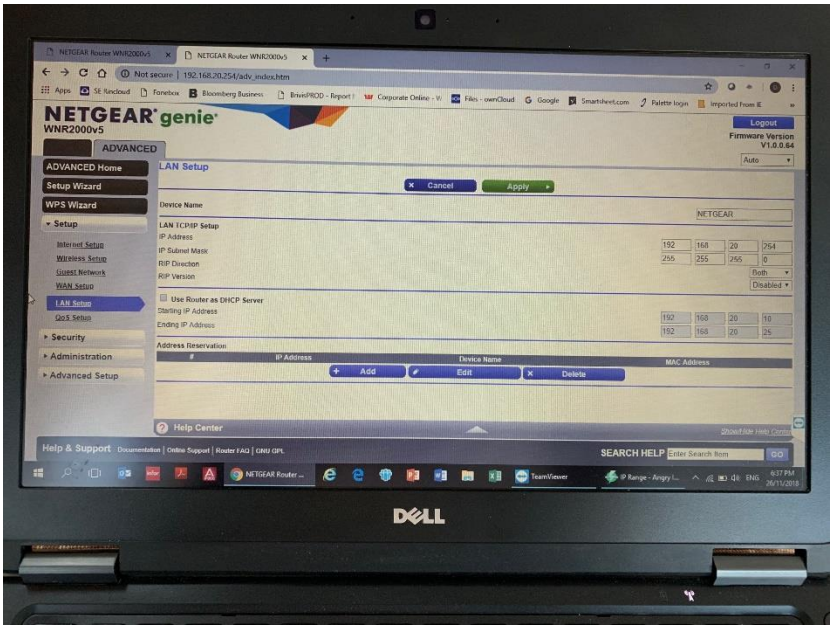
Band:	2.4GHz		
Channel:	Auto	Current: 11 (interference: acceptable)	
Auto Channel Timer(min)	0		
802.11n/EWC:	Auto		
Bandwidth:	40MHz	Current: 40MHz	
Control Sideband:	Lower	Current: Upper	
802.11n Rate:	Auto		
802.11n Protection:	Auto		
Support 802.11n Client Only:	Off		
RIFS Advertisement:	Off		
OBSS Co-Existance:	Disable		
RX Chain Power Save:	Enable	Power Save status:	Full Power
RX Chain Power Save Quiet Time:	10		
RX Chain Power Save PPS:	10		
54g Rate:	1 Mbps		
Multicast Rate:	Auto		
Basic Rate:	Default		
Fragmentation Threshold:	2346		
RTS Threshold:	2347		
DTIM Interval:	1		
Beacon Interval:	100		
Global Max Clients:	16		
XPress Technology:	Disable		
Transmit Power:	100%		
WMM(Wi-Fi Multimedia):	Enabled		
WMM No Acknowledgement:	Disabled		
WMM APSD:	Enabled		

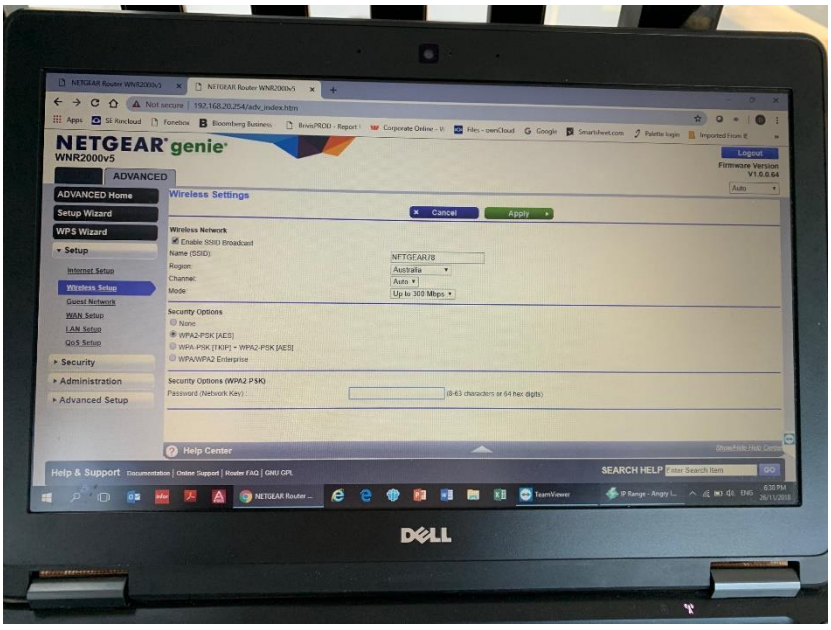
NAT -- Port Forwarding Setup

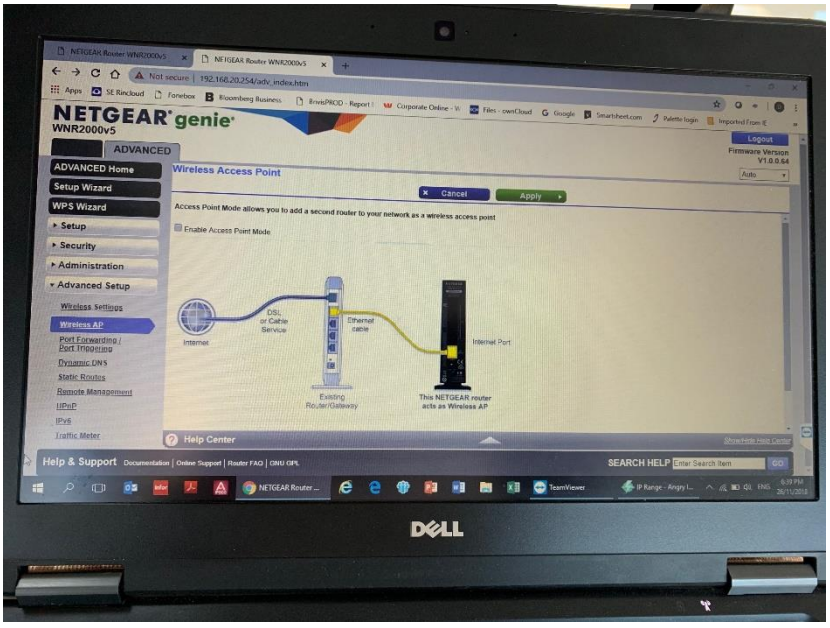
Port Forwarding allows you to direct incoming traffic from WAN side (identified by Protocol and External port) to the Internal server with private IP address on the LAN side. The Internal port is required only if the external port needs to be converted to a different port number used by the server on the LAN side. A maximum **32** entries can be configured.

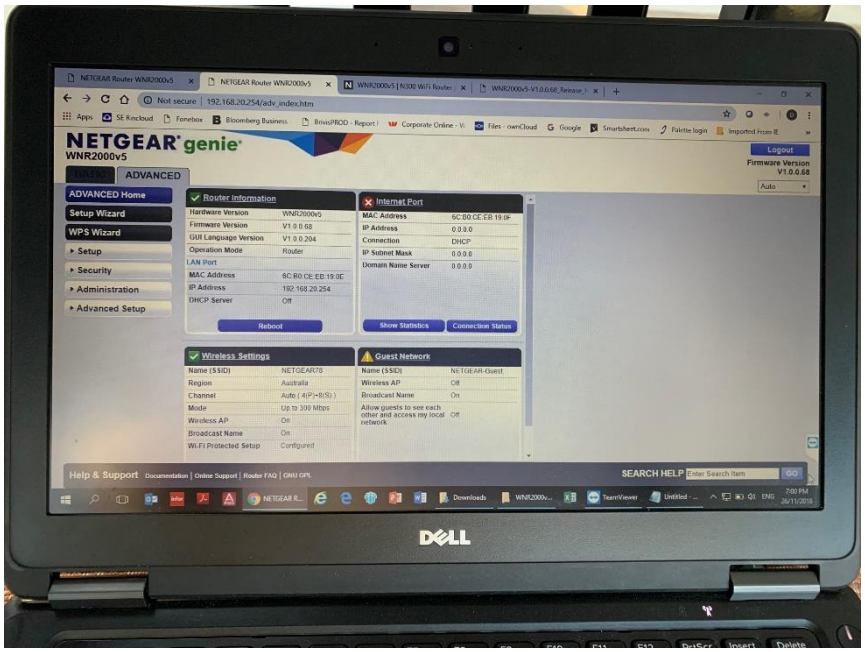
Server Name	External Port Start	External Port End	Protocol	Internal Port Start	Internal Port End	Server IP Address or Hostname	WAN Interface	LAN Loopback	Enable/Disable	Remove
leviton	4369	4369	TCP/UDP	4369	4369	192.168.20.101	ppp0.1	Disabled	☑	☐
cams	37777	37777	TCP/UDP	37777	37777	192.168.20.102	ppp0.1	Disabled	☑	☐

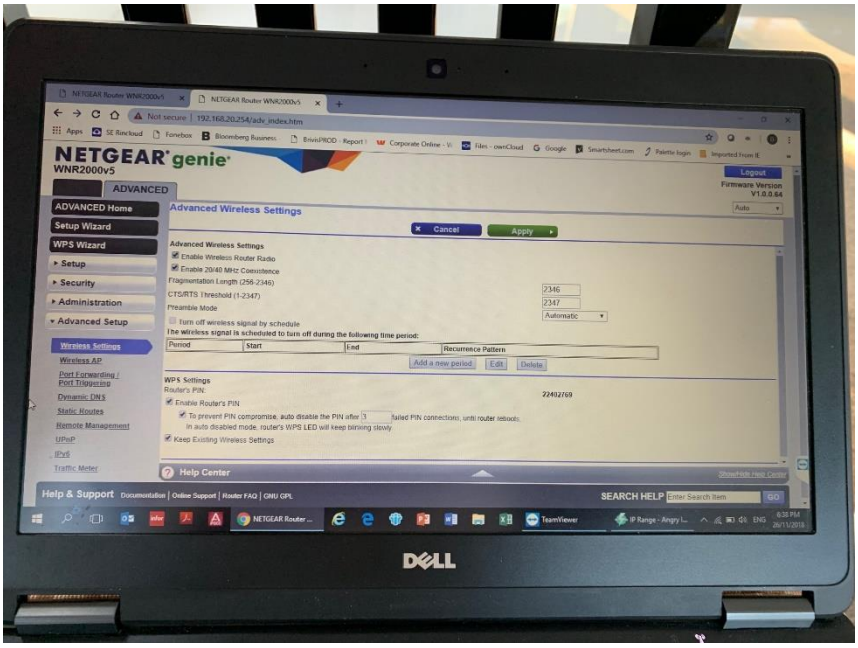
3) NETGEAR N300 Settings








NETGEAR genie
WNR2000v5
ADVANCED
ADVANCED Home
Setup Wizard
WPS Wizard
Setup
Security
Administration
Advanced Setup
Router Information
Internet Port
Wireless Settings
Guest Network
Reboot
Show Statistics
Connection Status
Help & Support
SEARCH HELP
DELL


NETGEAR genie
WNR2000v5
ADVANCED
ADVANCED Home
Setup Wizard
WPS Wizard
Setup
Security
Administration
Advanced Setup
Advanced Wireless Settings
Cancel
Apply
Enable Wireless Router Radio
Enable 20/40 MHz Coexistence
Fragmentation Length (256-2346)
CTS/RTS Threshold (1-2347)
Preamble Mode
Automatic
Turn off wireless signal by schedule
The wireless signal is scheduled to turn off during the following time period:
Period
Start
End
Recurrence Pattern
Add a new period
Edit
Delete
WPS Settings
Router's PIN:
22402769
Enable Router's PIN
Keep Existing Wireless Settings
Help Center
Help & Support
SEARCH HELP
DELL