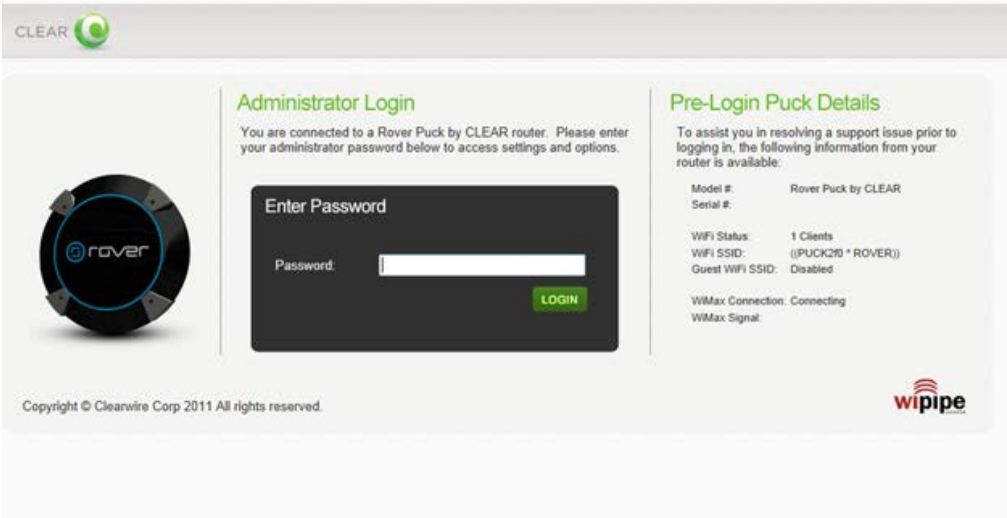


Before you start!

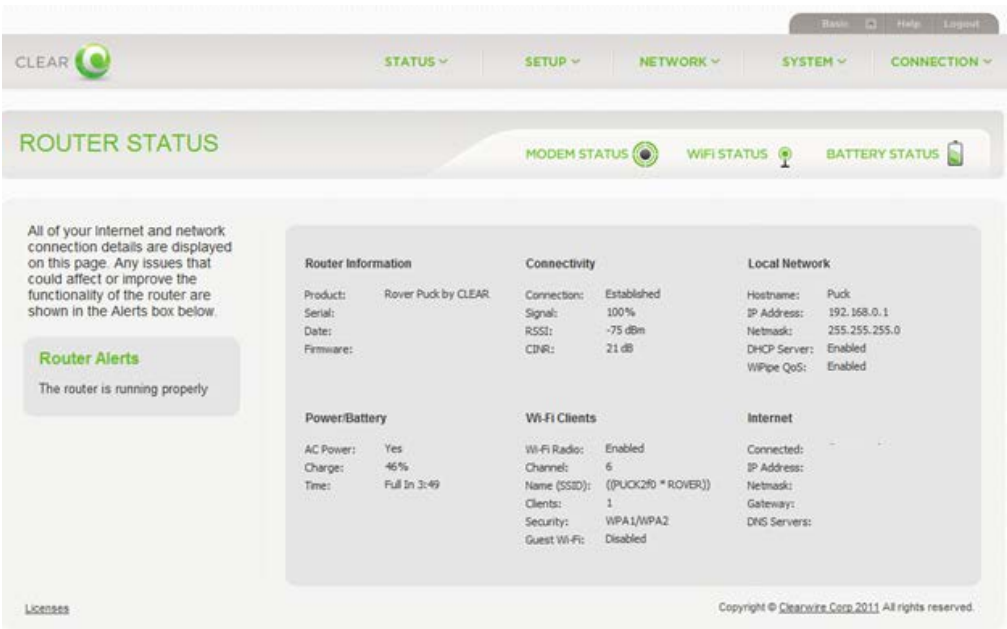
- Port forwarding works best when using Apple Safari, Microsoft Internet Explorer 8, or Mozilla Firefox.
 - Google Chrome and Microsoft Internet Explorer 9 have been identified to have problems completing port forwarding.
- Please be aware that if any settings are changed outside of the directions outlined below and it renders the modem non-functional , you may be required to purchase another device at full retail price plus any other associated costs (exchange fees, shipping costs, taxes, etc.).
- Complete all necessary tasks that require an Internet connection. This includes any calls made using a VoIP service (phone service that requires Internet connection). This is because there are several steps in the process which may require a reboot of the modem, which will in turn either disconnect a phone call or interrupt Internet connectivity.
- Inbound ping (ICMP) or "Enable Ping from Internet" cannot be enabled for this device.

Process

1. Open an Internet browser and browse to the web address 192.168.0.1. The password is the last 8 digits/characters of the Puck’s MAC ID.



2. The modem will default to the "Status" page when the user interface opens.

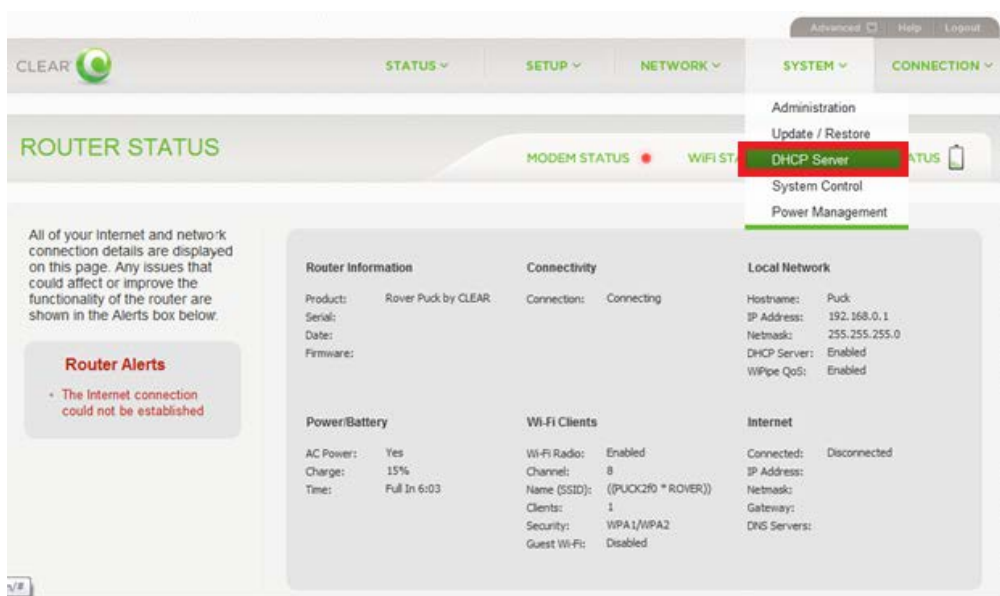


3. Located across the top Tab bar, it will either display “Basic” or “Advanced”.

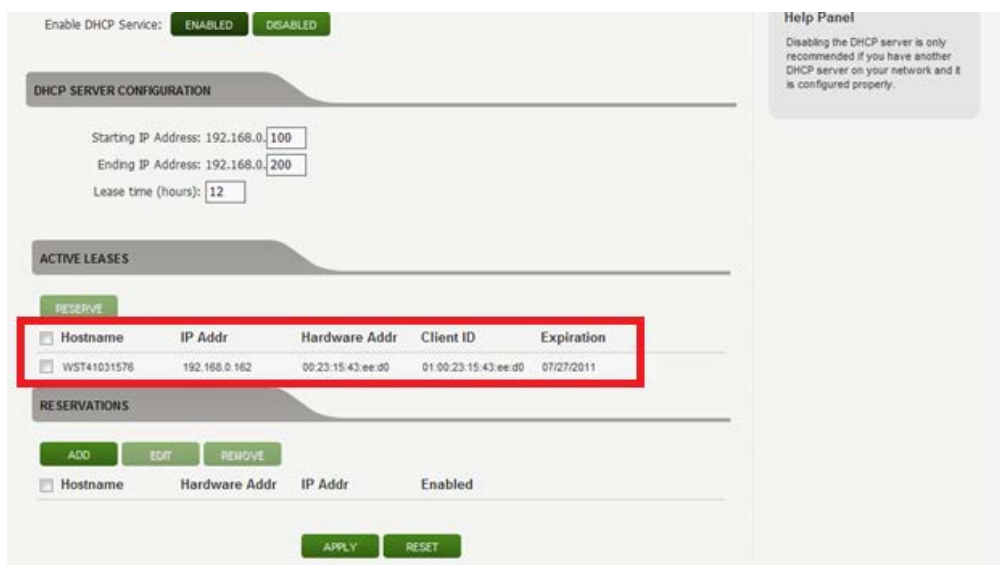
- To toggle between “Basic” and “Advanced”, select the arrow located in the top right of the user interface.
- You must be in the “Advanced” portion to continue with the Port Forwarding set up.



4. Once "Advanced" has been chosen, select "System" and then "DHCP Server" from the drop-down.



5. The DHCP Server options will appear. Under "Active Leases", the current connected devices are displayed.
6. Locate the device that the Puck is connected to that forwarding will need to be set up for and copy the IP and Hardware Address for later use.



7. Select "ADD" underneath the "Reservations" section.

Enable DHCP Service: **ENABLED** **DISABLED**

DHCP SERVER CONFIGURATION

Starting IP Address: 192.168.0.

Ending IP Address: 192.168.0.

Lease time (hours):

ACTIVE LEASES

RESERVE

<input type="checkbox"/> Hostname	IP Addr	Hardware Addr	Client ID	Expiration
<input type="checkbox"/> WST41031576	192.168.0.162	00:23:15:43:ee:d0	01:00:23:15:43:ee:d0	07/27/2011

RESERVATIONS

ADD **EDIT** **REMOVE**

<input type="checkbox"/> Hostname	Hardware Addr	IP Addr	Enabled
<input type="checkbox"/>			

APPLY **RESET**

Help Panel
Disabling the DHCP server is only recommended if you have another DHCP server on your network and it is configured properly.

8. Enter a Rule Name within the "Hostname" section.

- The name cannot include any spaces and can be named anything (Router,Rule1,etc.)

9. Enter the MAC and IP Address from Step 6.

10. Make sure the box for "Enabled" is checked and select "Save Reservation".

Enable DHCP Service: **ENABLED** **DISABLED**

DHCP SERVER CONFIGURATION

Starting IP Address: 192.168.0.

Ending IP Address: 192.168.0.

Lease time (hours):

ACTIVE LEASES

RESERVE

<input type="checkbox"/> Hostname	IP Addr	Hardware Addr	Client ID	Expiration
<input type="checkbox"/> WST41031576	192.168.0.162	00:23:15:43:ee:d0	01:00:23:15:43:ee:d0	07/27/2011

RESERVATIONS

ADD **EDIT** **REMOVE**

<input checked="" type="checkbox"/> Hostname	Hardware Addr	IP Addr	Enabled

APPLY **RESET**

DHCP Reservation Entry

Hostname:

Hardware Addr:

IP Addr:

Enabled: ☒

SAVE RESERVATION

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11. An "Update was Successful" drop-down will appear at the top of the screen.

12. Note that the device is now listed under the "Reservations" section.

Enable DHCP Service: **ENABLE** Update was successful

DHCP SERVER CONFIGURATION

Starting IP Address: 192.168.0.

Ending IP Address: 192.168.0.

Lease time (hours):

ACTIVE LEASES

RESERVE

<input type="checkbox"/>	Hostname	IP Addr	Hardware Addr	Client ID	Expiration
<input type="checkbox"/>	WST41031576	192.168.0.162	00:23:15:43:ee:d0	01:00:23:15:43:ee:d0	07/27/2011

RESERVATIONS

ADD **EDIT** **REMOVE**

<input checked="" type="checkbox"/>	Hostname	Hardware Addr	IP Addr	Enabled
<input type="checkbox"/>	RuleName	00:23:15:43:ee:d0	192.168.0.162	true

APPLY **RESET**

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13. Select "Network" and from the drop-down choose "Firewall".

CLEAR **STATUS** **SETUP** **NETWORK** **SYSTEM** **CONNECTION**

ROUTER STATUS

MODEM STATUS: Wi-Fi / Local Network **BATTERY STATUS**

All of your Internet and network connection details are displayed on this page. Any issues that could affect or improve the functionality of the router are shown in the Alerts box below.

Router Alerts

- The Internet connection could not be established

Router Information

Product: Rover Puck by CLEAR
Serial:
Date:
Firmware:

Connectivity

Connection: Connecting

Local Network

Hostname: Puck
IP Address: 192.168.0.1
Netmask: 255.255.255.0
DHCP Server: Enabled
WiPipe QoS: Enabled

Power/Battery

AC Power: Yes
Charge: 35%
Time: Full in 5:05

Wi-Fi Clients

Wi-Fi Radio: Enabled
Channel: 5
Name (SSID): ((PUCK2f0 * ROVER))
Clients: 1
Security: WPA1/WPA2
Guest Wi-Fi: Disabled

Internet

Connected: Disconnected
IP Address:
Netmask:
Gateway:
DNS Servers:

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14. The "Firewall Configuration" screen will appear.
15. Select "ADD" under "Port Forwarding Rules".

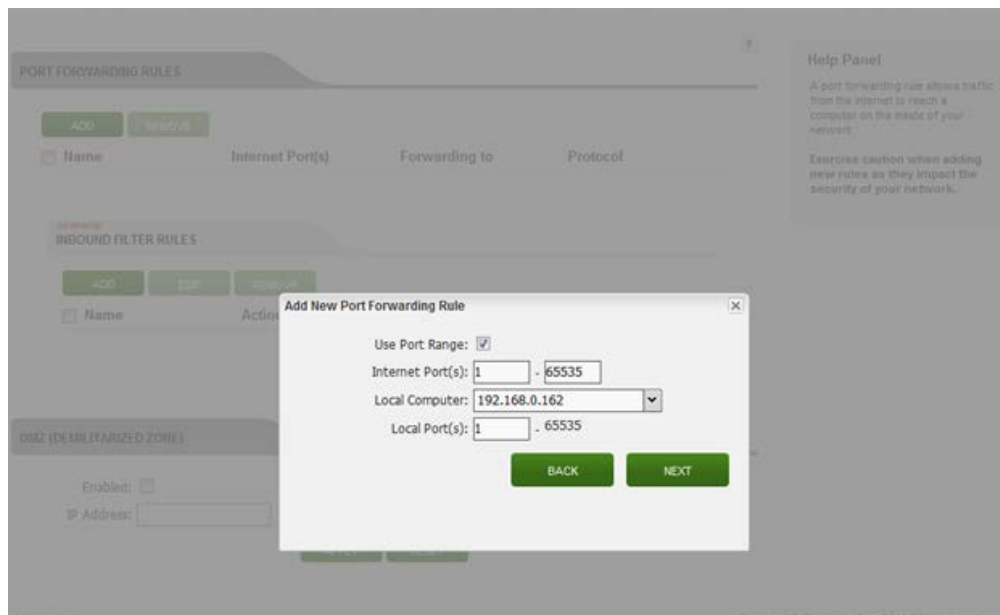
16. The "Add New Port Forwarding Rule" box will appear.
17. Enter in a title for the "Name Field" and a description into the "Description" field.

- The name cannot include any spaces
- A description is not required

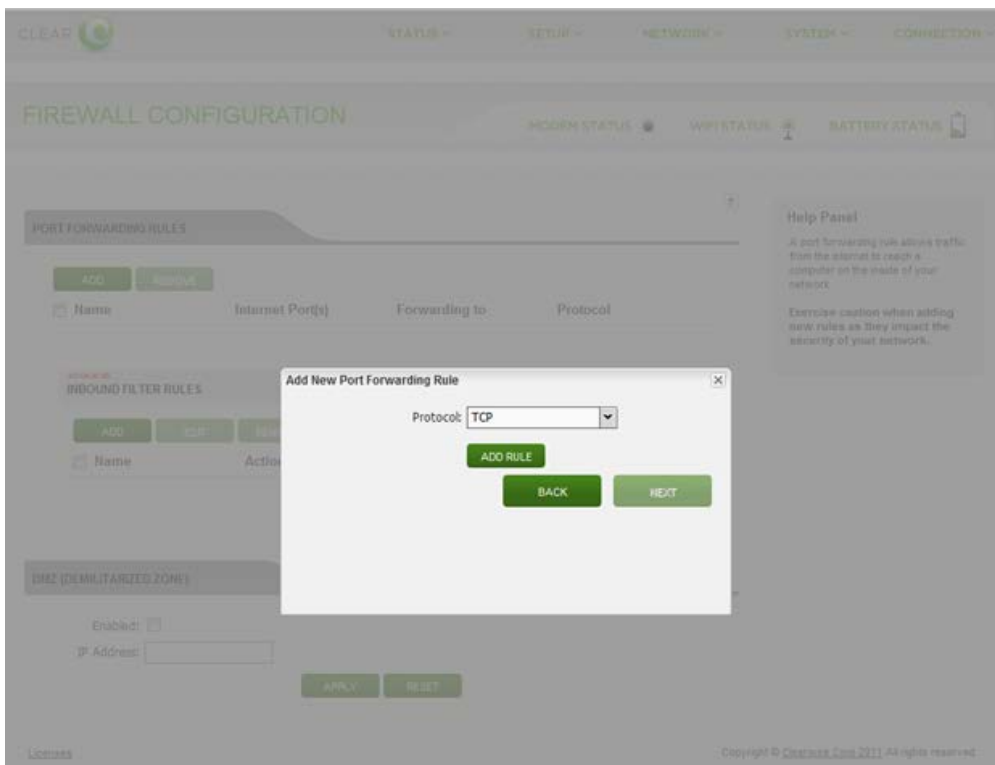
18. Select the "Next" option.

19. In the "Add New Port Forwarding Rule" box, check "Use Port Range".
20. Enter the following information:
 - Internet Ports:
 - Enter the numbers "1" and "65535"
 - Local Computer:
 - Enter the IP address from Step 6
 - Local Ports:
 - Enter "1"

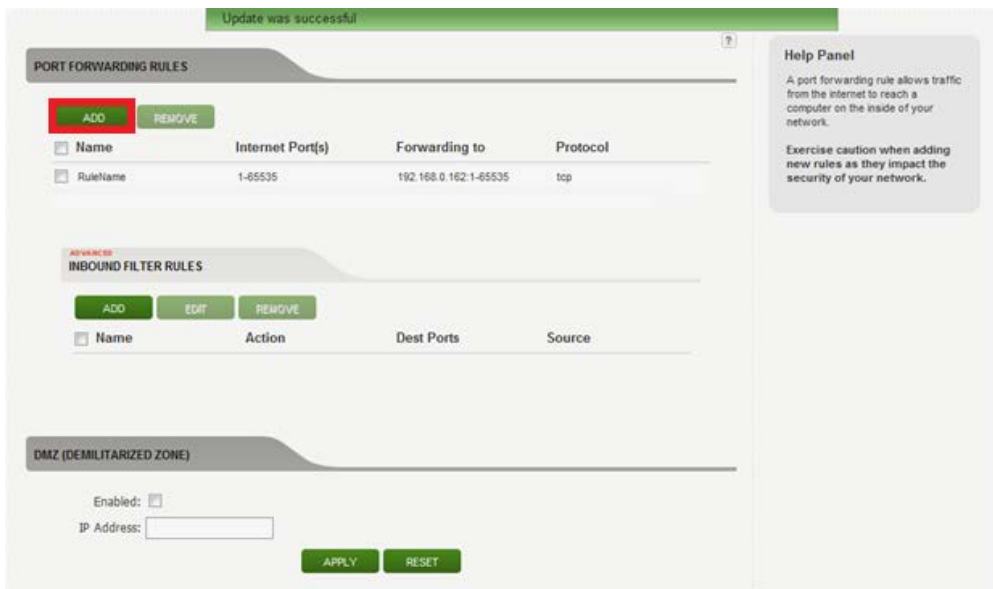
"Select "Next"



21. Select the Protocol "TCP" from the drop-down then select the "Add Rule" button.
22. Select "Next".



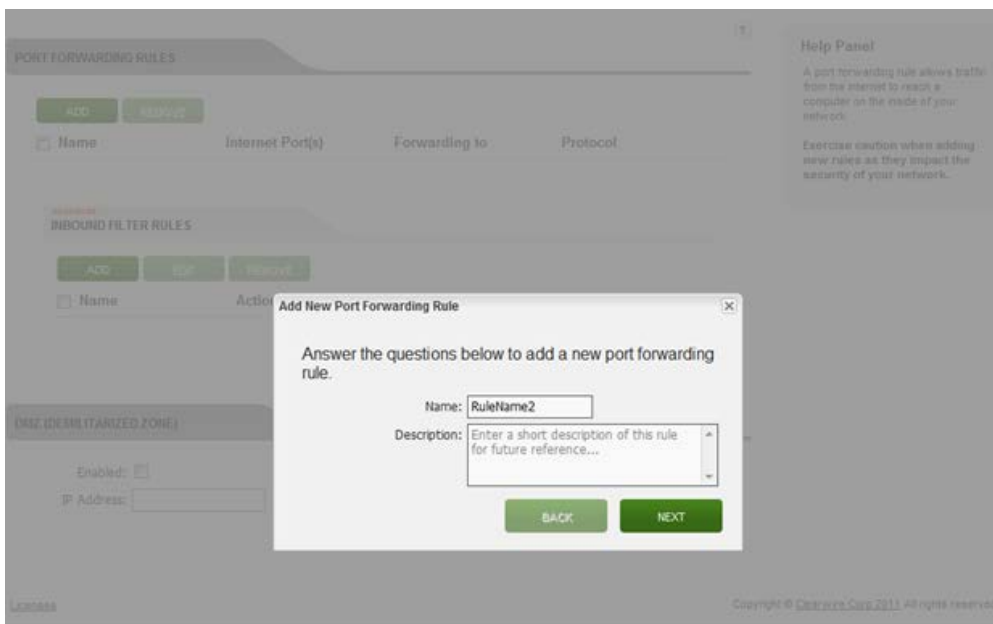
23. The "Firewall Configuration" screen will appear. Select "Add" under "Port Forwarding Rules".



24. The "Add New Port Forwarding Rule" box will appear.
25. Input a name for the new rule and description of the rule.

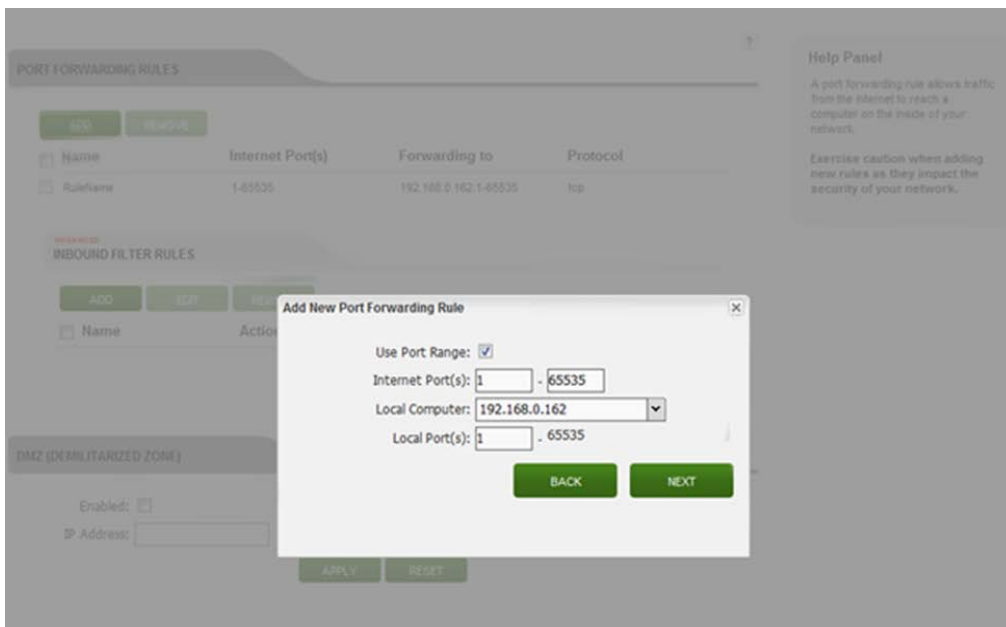
- The name cannot contain any spaces
- A description is not required

26. Select "Next"

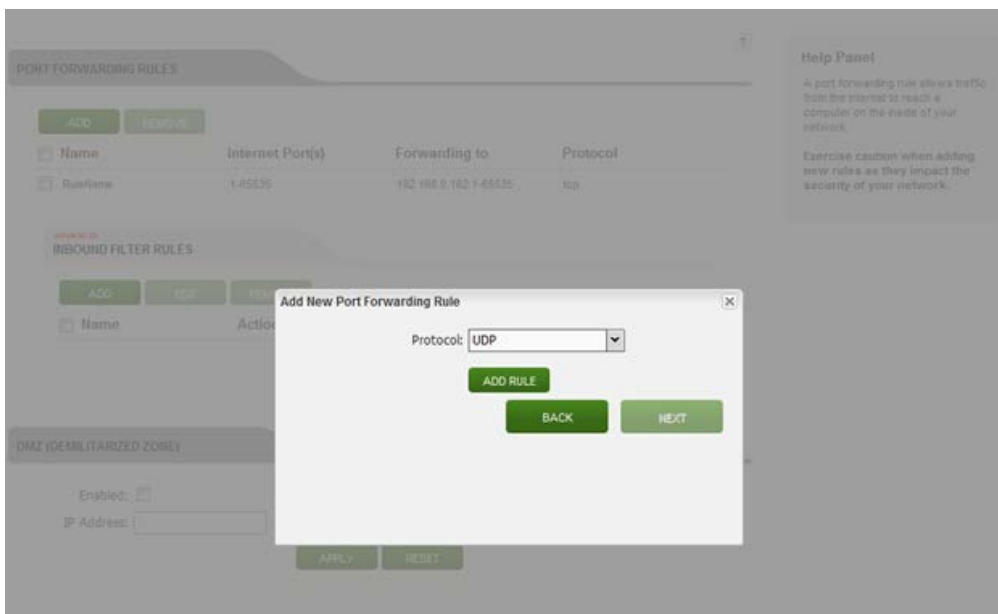


27. In the "Add New Port Forwarding Rule" box, check "Use Port Range".
28. Enter the following information:

- Internet Ports
 - Enter the numbers "1" and "65535"
- Local Computer
 - Enter the IP address from Step 6
- Local Ports
 - Enter "1"



29. Select "Next".
30. Select the Protocol "UDP" from the drop-down then select "Add Rule".
31. Click "Next"



32. The "Port Forwarding Rules" screen will appear. Select "Apply".

Update was successful

PORT FORWARDING RULES

ADD

REMOVE

<input type="checkbox"/> Name	Internet Port(s)	Forwarding to	Protocol
<input type="checkbox"/> RuleName	1-65535	192.168.0.162:1-65535	tcp
<input type="checkbox"/> RuleName2	1-65535	192.168.0.162:1-65535	udp

ADVANCED

INBOUND FILTER RULES

ADD

EDIT

REMOVE

<input type="checkbox"/> Name	Action	Dest Ports	Source
-------------------------------	--------	------------	--------

DMZ (DEMILITARIZED ZONE)

Enabled: ☐

IP Address:

APPLY

RESET

Help Panel

A port forwarding rule allows traffic from the internet to reach a computer on the inside of your network.

Exercise caution when adding new rules as they impact the security of your network.

33. The Rover Puck by CLEAR does not require a reboot for the rules to be enabled. However, if issues with ports being closed are ongoing, power the device off for at least 30 seconds.

The modem is now "wide open" and all ports are forwarded to the first NAT capable device hooked up after the modem.

Any further issues with port forwarding will need to be addressed with your 3rd party network equipment vendor or 3rd party software vendor.