

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.

CLEAR

Administrator Login

You are connected to a Rover Puck by CLEAR router. Please enter your administrator password below to access settings and options.

Enter Password

Password:

LOGIN

Pre-Login Puck Details

To assist you in resolving a support issue prior to logging in, the following information from your router is available:

Model #: Rover Puck by CLEAR
Serial #:
WiFi Status: 1 Clients
WiFi SSID: ((PUCK2# * ROVER))
Guest WiFi SSID: Disabled
WiMax Connection: Connecting
WiMax Signal:

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wipipe

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

CLEAR

Basic Help Logout

STATUS SETUP NETWORK SYSTEM CONNECTION

ROUTER STATUS

MODEM STATUS WIFI STATUS 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 router is running properly

Router Information	Connectivity	Local Network
Product: Rover Puck by CLEAR	Connection: Established	Hostname: Puck
Serial:	Signal: 100%	IP Address: 192.168.0.1
Date:	RSSI: -75 dBm	Netmask: 255.255.255.0
Firmware:	CINR: 21 dB	DHCP Server: Enabled
		WiPipe QoS: Enabled

Power/Battery	Wi-Fi Clients	Internet
AC Power: Yes	Wi-Fi Radio: Enabled	Connected:
Charge: 46%	Channel: 6	IP Address:
Time: Full In 3:49	Name (SSID): ((PUCK2# * ROVER))	Netmask:
	Clients: 1	Gateway:
	Security: WPA1/WPA2	DNS Servers:
	Guest Wi-Fi: Disabled	

Licenses

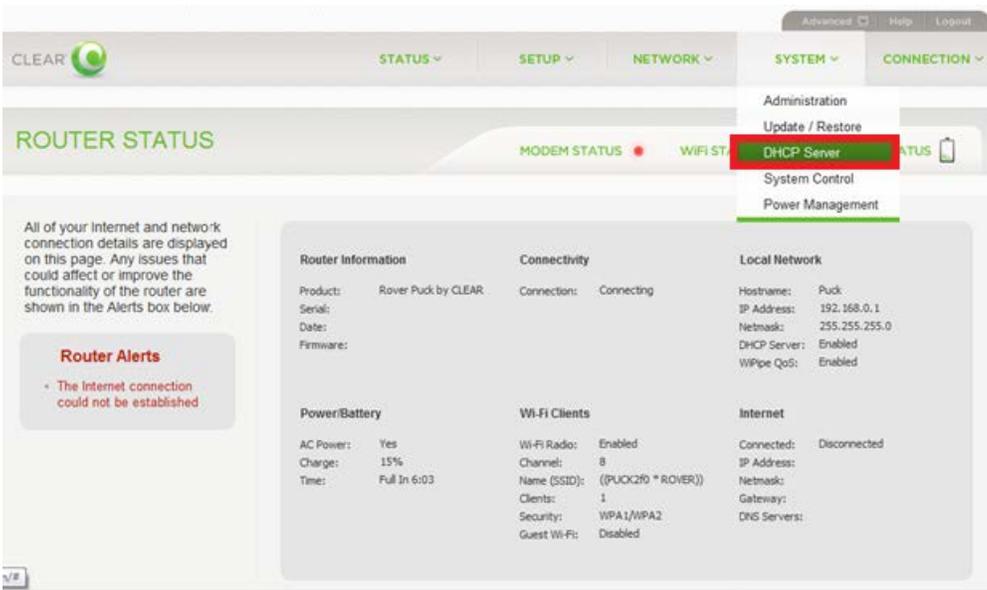
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3. Located across the top Tab bar, it will either display "Basic" or "Advanced".

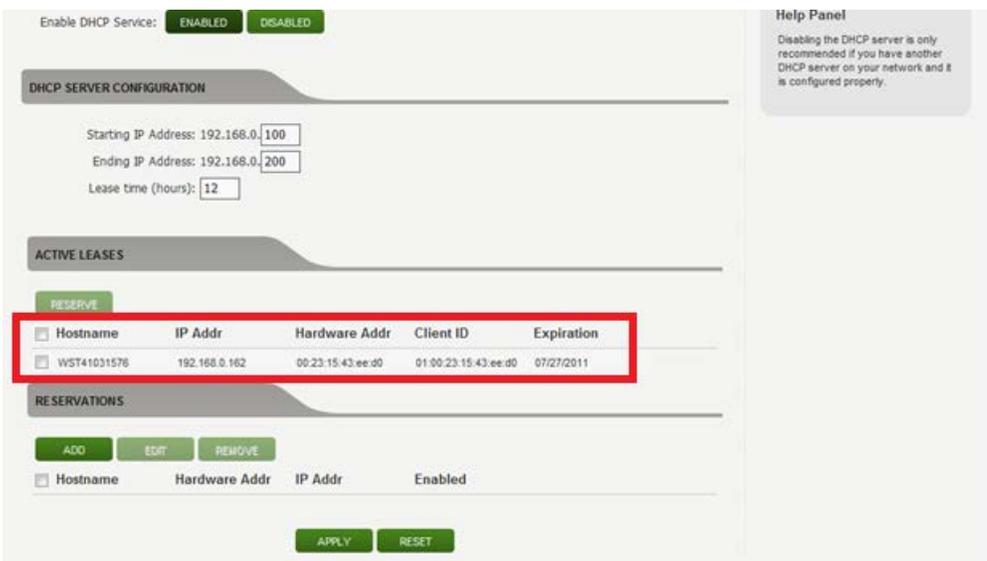
- To toggle between “Basic” and “Advanced”, select the arrow located in the top right of the user interface.
- You must be in the “Advanced” portion to continue with the Port Forwarding set up.



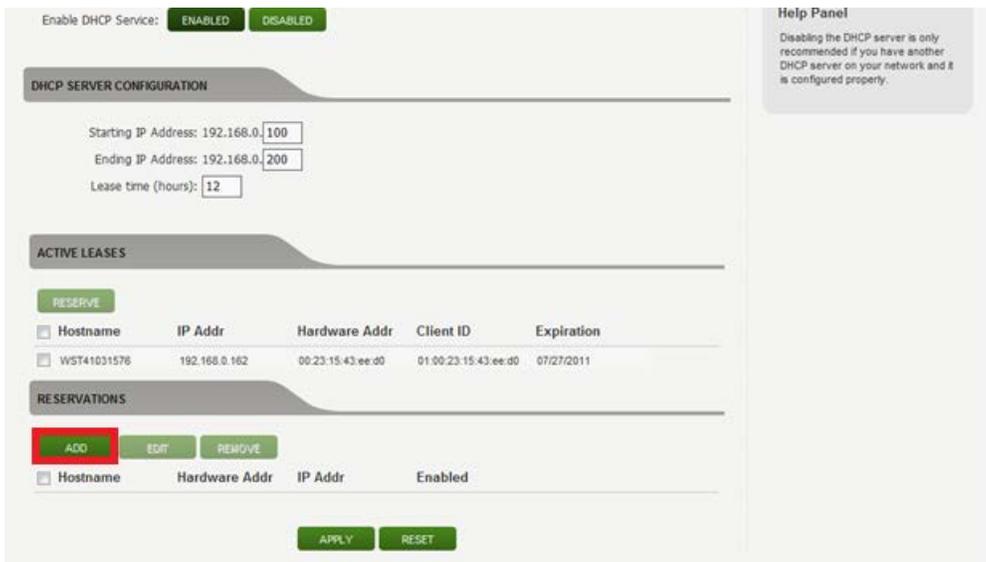
4. Once "Advanced" has been chosen, select "System" and then "DHCP Server" from the drop-down.



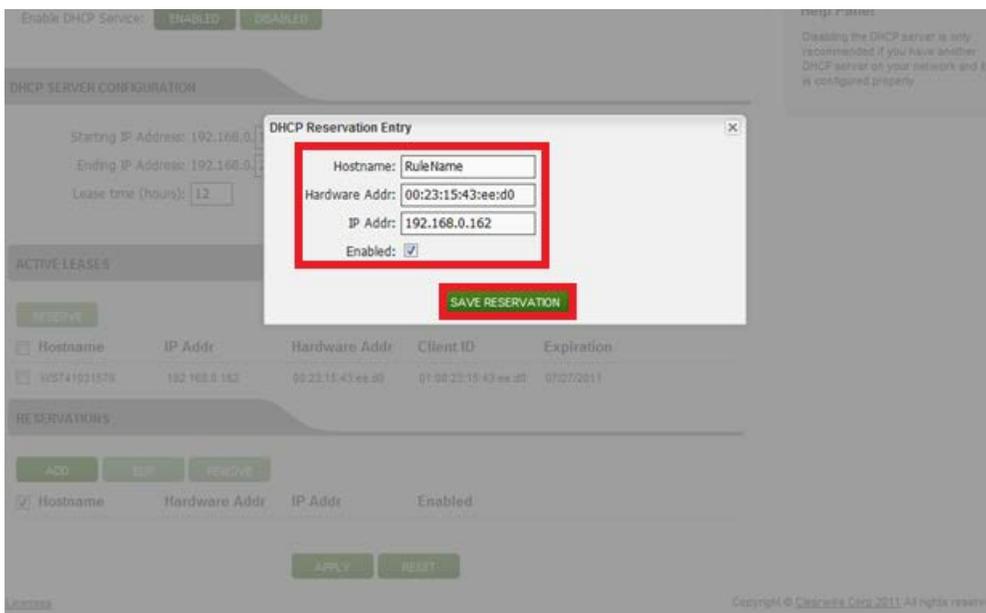
5. The DHCP Server options will appear. Under "Active Leases", the current connected devices are displayed.
6. Locate the device that the Puck is connected to that forwarding will need to be set up for and copy the IP and Hardware Address for later use.



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



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".



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: **ENABLED** Update was successful

DHCP SERVER CONFIGURATION

Starting IP Address: 192.168.0.100
 Ending IP Address: 192.168.0.200
 Lease time (hours): 12

ACTIVE LEASES

RESERVE

<input type="checkbox"/>	Hostname	IP Addr	Hardware Addr	Client ID	Expiration
<input type="checkbox"/>	WST41031570	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

Content Filtering
 MAC Filter
Firewall
 DNS
 Traffic Shaping

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

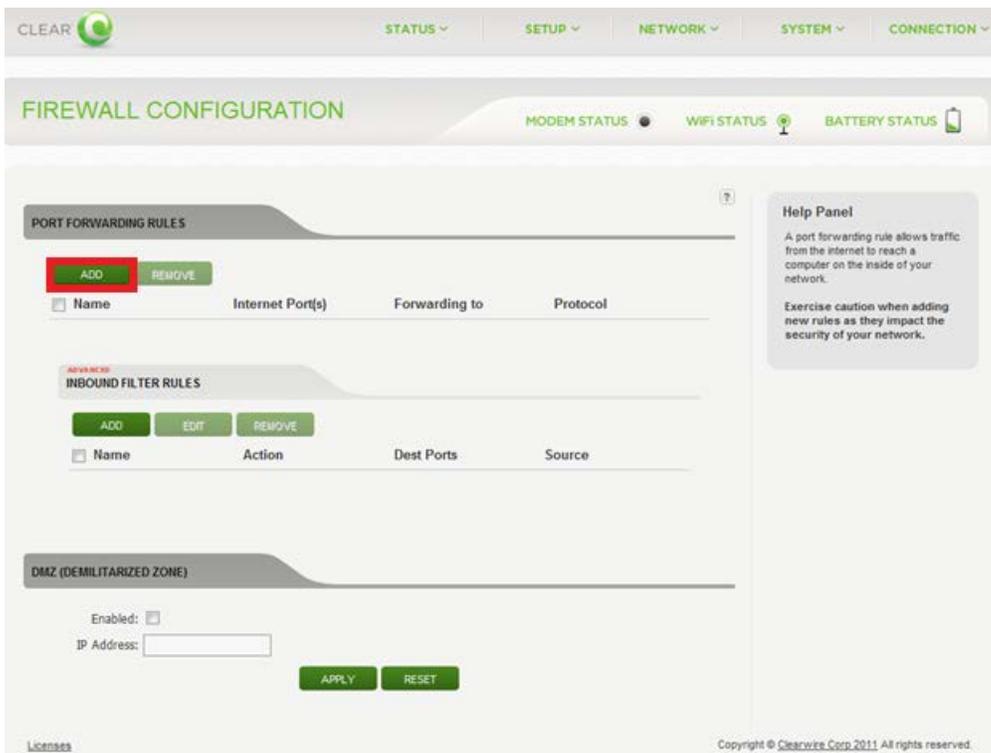
- The Internet connection could not be established

Router Information	Connectivity	Local Network
Product: Rover Puck by CLEAR	Connection: Connecting	Hostname: Puck
Serial:		IP Address: 192.168.0.1
Date:		Netmask: 255.255.255.0
Firmware:		DHCP Server: Enabled
		WiFi QoS: Enabled
Power/Battery	Wi-Fi Clients	Internet
AC Power: Yes	Wi-Fi Radio: Enabled	Connected: Disconnected
Charge: 35%	Channel: 5	IP Address:
Time: Full In 5:05	Name (SSID): ((PUCK2FO * ROVER))	Netmask:
	Clients: 1	Gateway:
	Security: WPA1/WPA2	DNS Servers:
	Guest Wi-Fi: Disabled	

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14. The "Firewall Configuration" screen will appear.

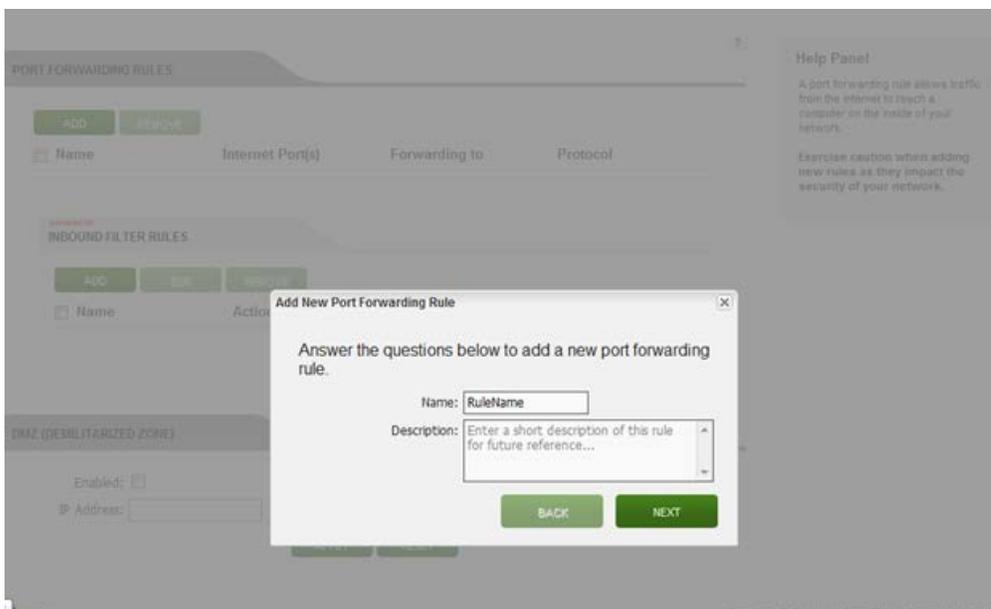
15. Select "ADD" under "Port Forwarding Rules".



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.

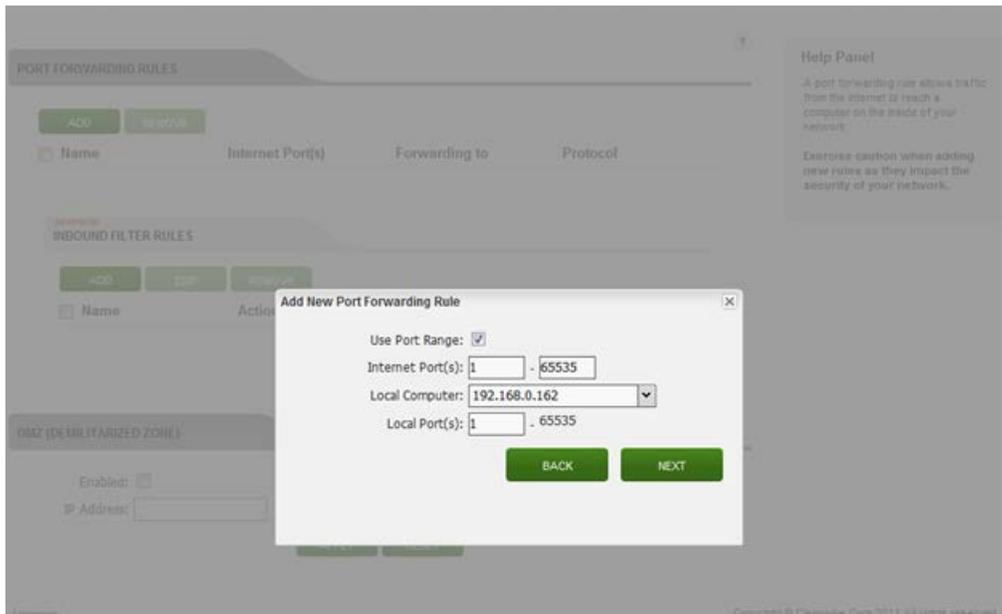
- The name cannot include any spaces
- A description is not required

18. Select the "Next" option.

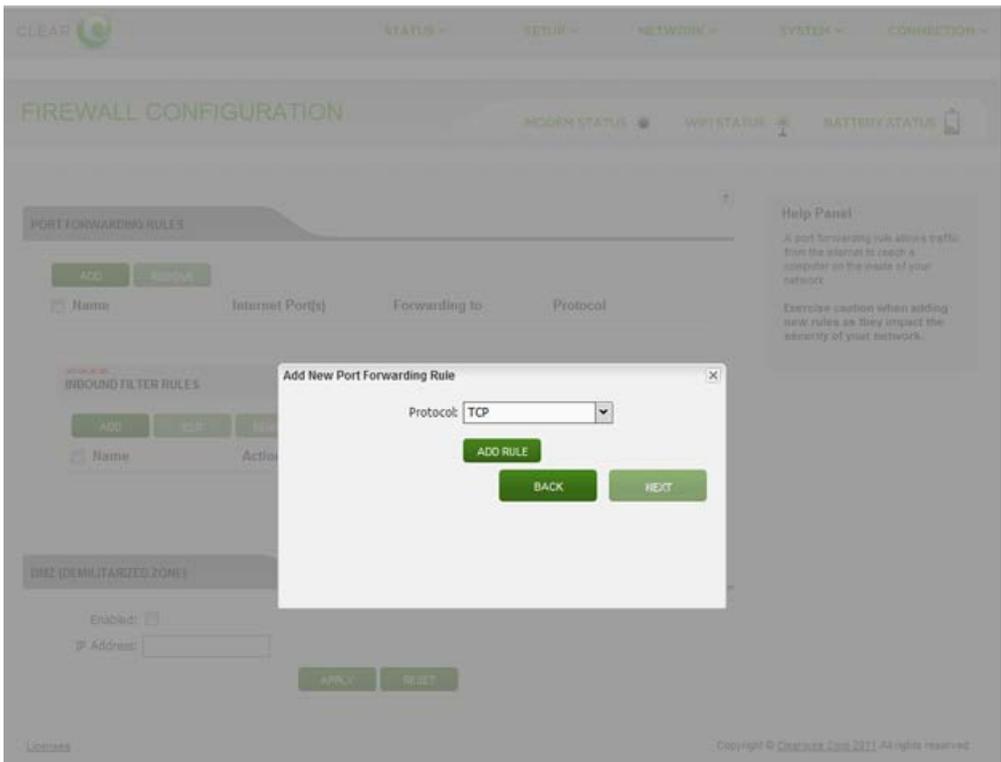


19. In the "Add New Port Forwarding Rule" box, check "Use Port Range".
20. Enter the following information:
 - Internet Ports:
 - Enter the numbers "1" and "65535"
 - Local Computer:
 - Enter the IP address from Step 6
 - Local Ports:
 - Enter "1"

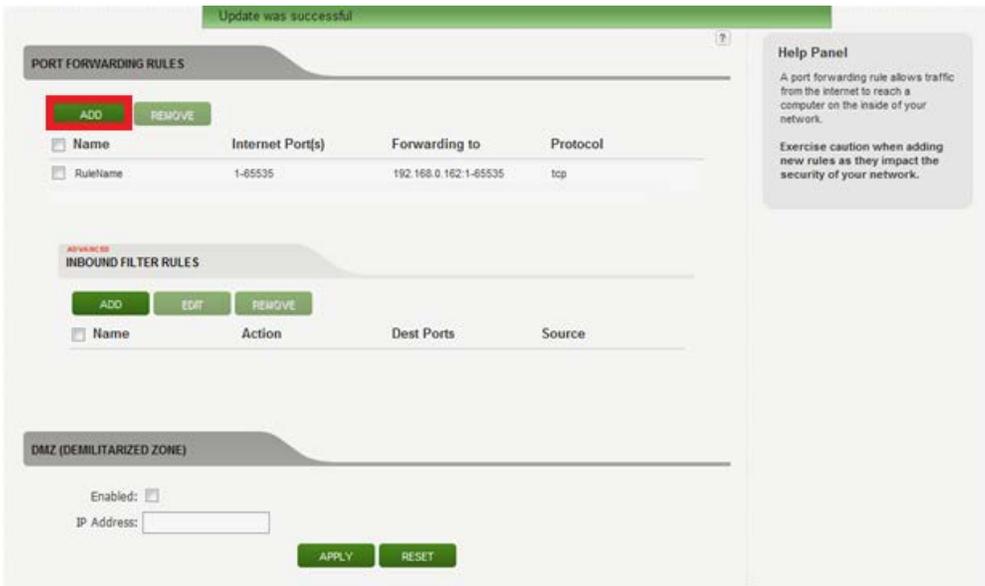
"Select "Next"



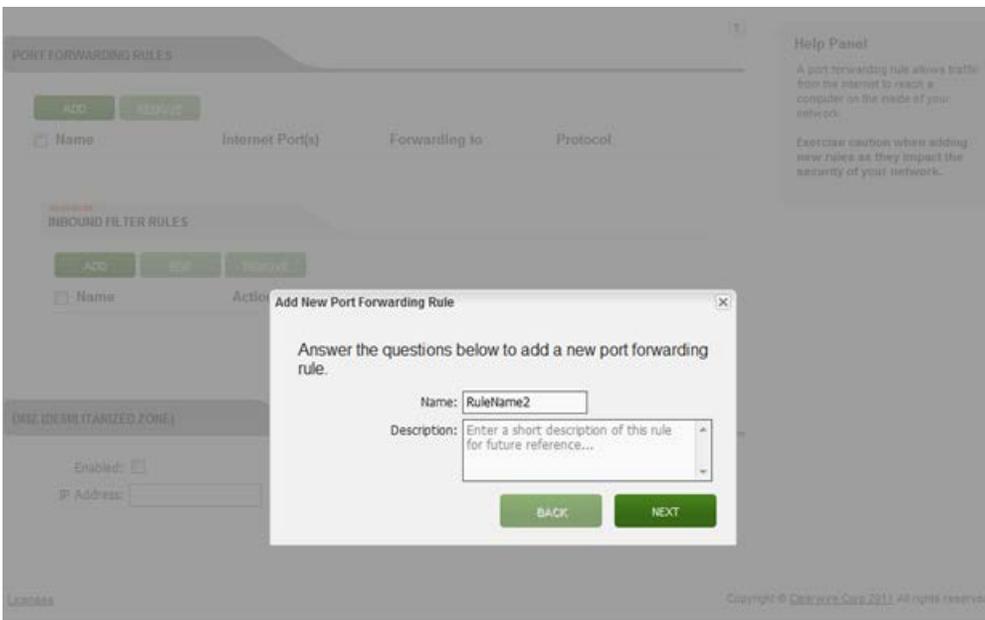
21. Select the Protocol "TCP" from the drop-down then select the "Add Rule" button.
22. Select "Next".



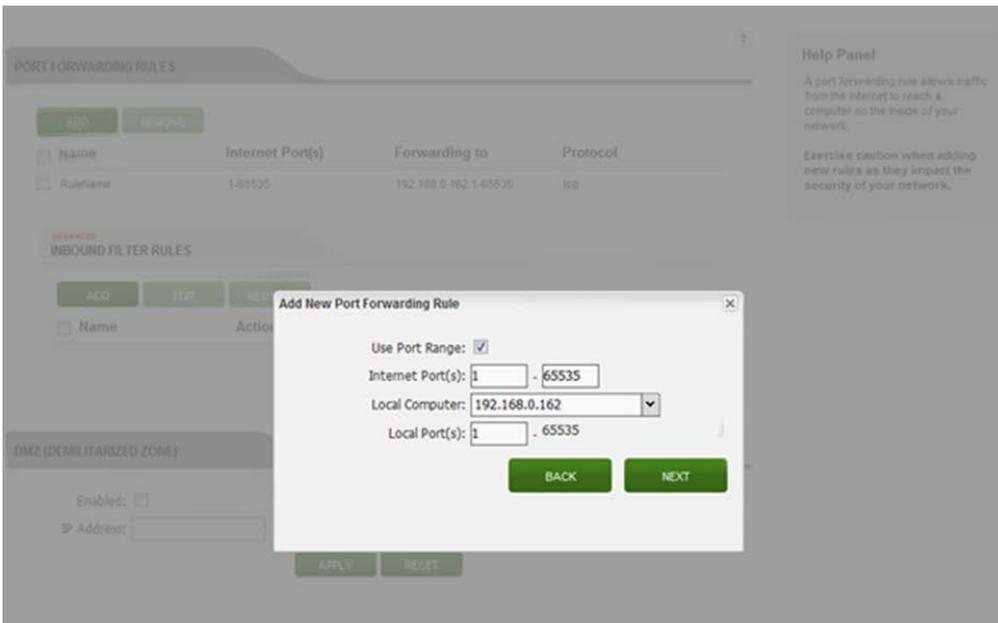
23. The "Firewall Configuration" screen will appear. Select "Add" under "Port Forwarding Rules".



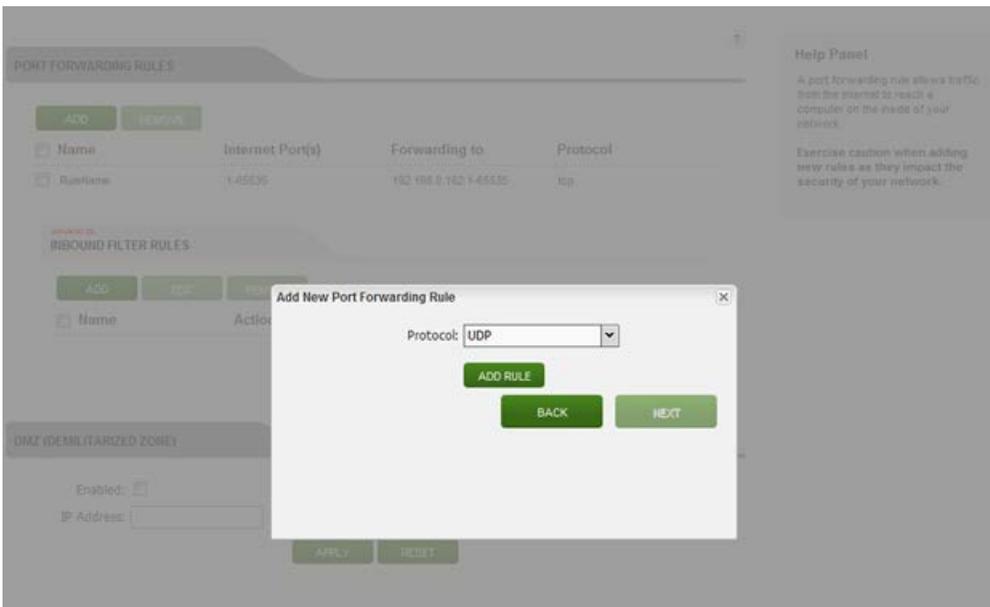
24. The "Add New Port Forwarding Rule" box will appear.
25. Input a name for the new rule and description of the rule.
 - The name cannot contain any spaces
 - A description is not required
26. Select "Next"



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
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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.