

# Ubiquiti ER X Configs

## Edgerouter X with ring-u Hello Hub & Port Forwarding for External Remote Phones

Some screen shots of a working Edgerouter X configuration including Port Forwarding, and Static DHCP Leases.

The screenshot shows the EdgeMAX web interface for an EdgeRouter X v1.10.11. The top navigation bar includes 'Dashboard', 'Traffic Analysis', 'Routing', 'Firewall/NAT', 'Services', 'VPN', 'QoS', 'Users', 'Config Tree', and 'Wizards'. The 'Services' sidebar on the left lists: Routes (connected: 4, static: 1, rip: 0, ospf: 0, bgp: 0, total: 5), OSPF is disabled (areas: n/a), NAT is enabled (rules: 1), Firewall is enabled (rulesets: 2, rules: 4), and DHCP is enabled (active servers: 2, inactive servers: 0). The main area displays 'Interfaces' with two bar charts for Tx Rate (Mbps) and Rx Rate (Mbps) across interfaces eth0, eth1, eth2, eth3, eth4, and switch0. Below the charts is a table of interface configurations:

Description	Interface	Type	PoE	IP Address	MTU	Tx	Rx	Status	Actions
Internet	eth0	ethernet		204.93.98.188/24	1500	461.20 Kbps	5.74 Mbps	Connected	Actions
Local 2	eth1	ethernet		192.168.77.1/24	1500	5.77 Mbps	466.39 Kbps	Connected	Actions
Local	eth2	ethernet			1500	0 bps	0 bps	Disconnected	Actions
Local	eth3	ethernet			1500	0 bps	0 bps	Disconnected	Actions
Local	eth4	ethernet	off		1500	0 bps	0 bps	Disconnected	Actions
Local	switch0	switch		192.168.78.1/24	1500	0 bps	0 bps	Connected	Actions

The screenshot shows the 'Routes' configuration page in the EdgeMAX web interface, specifically the 'Static' tab. It displays a table of static routes:

Selected	Description	Destination	Next Hop	Interface	Route Type	In FIB	Actions
Yes		0.0.0.0/0	204.93.98.1	eth0	static	Yes	
Yes		127.0.0.0/8		lo	connected	Yes	
Yes		192.168.77.0/24		eth1	connected	Yes	
Yes		192.168.78.0/24		switch0	connected	Yes	
Yes		204.93.98.0/24		eth0	connected	Yes	

The screenshot shows the EdgeMAX configuration interface for Firewall/NAT. The 'Port Forwarding' tab is active. At the top, system status shows CPU at 2%, RAM at 29%, and uptime of 2 weeks, 6 hours, 34 minutes. The configuration includes:

- WAN interface: eth0
- Hairpin NAT:  Enable hairpin NAT (also known as "NAT loopback" or "NAT reflection")
- LAN interface: eth1
- Port forwarding rules table:

Original port	Protocol	Forward-to address	Forward-to port	Description
5060-2000	Both	192.168.77.22	5060-2000	VoIP

The screenshot shows the EdgeMAX configuration interface for NAT. The 'NAT' tab is active. It displays a table of Source NAT rules:

Order	Description	Source	Destination	Translation	Count
1	masquerade for WAN			masquerade to eth0	890814

Below the table, it indicates 'Showing 1 to 1 of 1 entries'. There are also sections for 'Add Destination NAT Rule' and 'No rules available.'

EdgeMAX EdgeRouter X v1.10.11

CPU: 2% RAM: 29% Uptime: 2 weeks, 6 hours, 41 minutes

UNMS

Dashboard Traffic Analysis Routing Firewall/NAT Services VPN QoS Users

Welcome ubnt to ubnt

DHCP Server DNS PPPoE

+ Add DHCP Server

Name	Subnet
LAN1	192.168.77.0/24
LAN2	192.168.78.0/24

Showing 1 to 2 of 2 entries

DHCP Server - LAN1

Leases Static MAC/IP Mapping Details

Pool Size: 204 Leased: 21 Available: 183 Static: 10

Subnet: 192.168.77.0/24 Router: 192.168.77.1  
 Range Start: 192.168.77.38 DNS 1: 192.168.77.1  
 Range End: 192.168.77.243 DNS 2:  
 Unifi Controller: Status: Enabled

Create New Mapping Search

Name	MAC Address	IP Address	Actions
atcom1	80:82:87:05:8c:41	192.168.77.41	Actions
Atcom2	80:82:87:06:fc:17	192.168.77.42	Actions
BRW28565A6DF510	28:56:5a:6d:f5:10	192.168.77.5	Actions
Chromecast	6c:ad:f8:1a:cc:55	192.168.77.31	Actions
Chromecast-Ultra	f8:0f:f9:4b:c0:08	192.168.77.33	Actions
Chromecast2	a4:77:33:76:dd:52	192.168.77.32	Actions
geeklabsap	b4:fb:e4:96:80:1c	192.168.77.2	Actions
Google-Nest-Mini	f0:ef:86:93:39:c3	192.168.77.34	Actions
ring-u	7a:0f:ea:70:93:c5	192.168.77.22	Actions
Roku	d8:31:34:61:77:29	192.168.77.30	Actions

Showing 1 to 10 of 10 entries

Delete

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