

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 Ubiquiti 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' section 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 'Interfaces' section features two bar charts for Tx and Rx rates (Mbps) and 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 'OSPF' configuration page in the Ubiquiti EdgeMAX web interface. It includes a '+ Add Static Route' button and a table of configured 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 the Firewall/NAT section, specifically the Port Forwarding tab. The WAN interface is set to eth0 and the LAN interface is eth1. A port forwarding rule is configured for VoIP, mapping original port 5060-2000 to forward-to port 5060-2000 on the 192.168.77.22 address. The interface includes various control buttons like 'Add Rule', 'Remove Rule', 'Delete', 'Cancel', and 'Apply'.

The screenshot shows the EdgeMAX configuration interface for the NAT section. A Source NAT rule is listed with the description 'masquerade for WAN'. The rule translates traffic from the source to 'masquerade to eth0' and has a count of 890814. The interface includes buttons for 'Add Source NAT Rule', 'Save Rule Order', and 'Actions'.

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

The screenshot displays the Ubiquiti EdgeMAX web interface for an EdgeRouter X v1.10.11. The top navigation bar includes 'Dashboard', 'Traffic Analysis', 'Routing', 'Firewall/NAT', 'Services', 'VPN', 'QoS', and 'Users'. The main content area is titled 'DHCP Server - LAN1' and is divided into three tabs: 'Leases', 'Static MAC/IP Mapping', and 'Details'. The 'Details' tab is active, showing the following configuration:

- Subnet: **192.168.77.0/24**
- Router: **192.168.77.1**
- Range Start: **192.168.77.38**
- Range End: **192.168.77.243**
- Unifi Controller: (empty)
- DNS 1: **192.168.77.1**
- DNS 2: (empty)
- Status: **Enabled**

Summary statistics for the DHCP pool:

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

Below the statistics is a 'Static MAC/IP Mapping' table with columns for Name, MAC Address, and IP Address. Each row includes an 'Actions' dropdown menu.

| 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 |

On the left side, there is a 'DHCP Server' sidebar with a '+ Add DHCP Server' button and a table listing existing servers:

| Name | Subnet |
|------|-----------------|
| LAN1 | 192.168.77.0/24 |
| LAN2 | 192.168.78.0/24 |

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