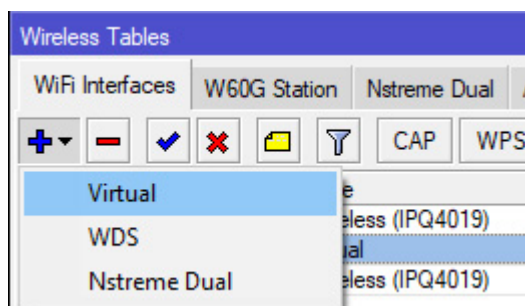


Гостевой WiFi на одиночном роутере

Алгоритм действий:

1. Virtual interface
2. Profile key
3. Bridge, Ports
4. Ip Addr
5. DHCP Server, IP pool
6. NAT
7. Route Rules
8. QoS

Добавляем виртуальный интерфейс для гостевой сети



Создаем профиль

Security Profile <quest>

General | **RADIUS** | EAP | Static Keys

Name:

Mode:

Authentication Types: ☐ WPA PSK ☒ WPA2 PSK
☐ WPA EAP ☐ WPA2 EAP

Unicast Ciphers: ☒ aes ccm ☐ tkip

Group Ciphers: ☒ aes ccm ☐ tkip

WPA Pre-Shared Key:

WPA2 Pre-Shared Key:

Supplicant Identity:

Group Key Update:

Management Protection:

Management Protection Key:

☐ Disable PMKID

OK
Cancel
Apply
Comment
Copy
Remove

Создаем гостевой бридж интерфейс

Interface <bridge_quest>

General | **STP** | VLAN | Status | Traffic

Name:

Type:

MTU:

Actual MTU:

L2 MTU:

MAC Address:

ARP:

ARP Timeout:

Admin. MAC Address:

Ageing Time:

☐ IGMP Snooping
☐ DHCP Snooping
☒ Fast Forward

enabled running slave

OK
Cancel
Apply
Disable
Comment
Copy
Remove
Torch

Добавим порт

Bridge Port <wlan_guest>

General STP VLAN Status

Interface:

Bridge:

Horizon:

Learn:

☒ Unknown Unicast Flood

☒ Unknown Multicast Flood

☒ Broadcast Flood

☐ Trusted

Multicast Router:

☐ Fast Leave

OK Cancel Apply Disable Comment Copy Remove

enabled inactive Hw. Offload

Настроим адресацию, DHCP сервер и pool для этой сети

Address List

+ - ✓ ✗ 📁 🔍 Find

Address <10.0.0.1/24>

Address:

Network:

Interface:

OK Cancel Apply Disable Comment Copy Remove

enabled

4 items (1 selected)

DHCP Server <dhcp_guest>

Generic Queues Script

Name:

Interface:

Relay:

Lease Time:

Bootp Lease Time:

Address Pool:

DHCP Option Set:

Src. Address:

Delay Threshold:

Authoritative:

Bootp Support:

Client MAC Limit:

Use RADIUS:

☐ Always Broadcast

☒ Add ARP For Leases

☒ Use Framed As Classless

☒ Conflict Detection

enabled

OK Cancel Apply Disable Copy Remove

IP Pool

Pools Used Addresses

Name	Addresses	Next Pool
dhcp-po		
dhcp_po		
vpn-pool		

IP Pool <dhcp_pool_guest>

Name:

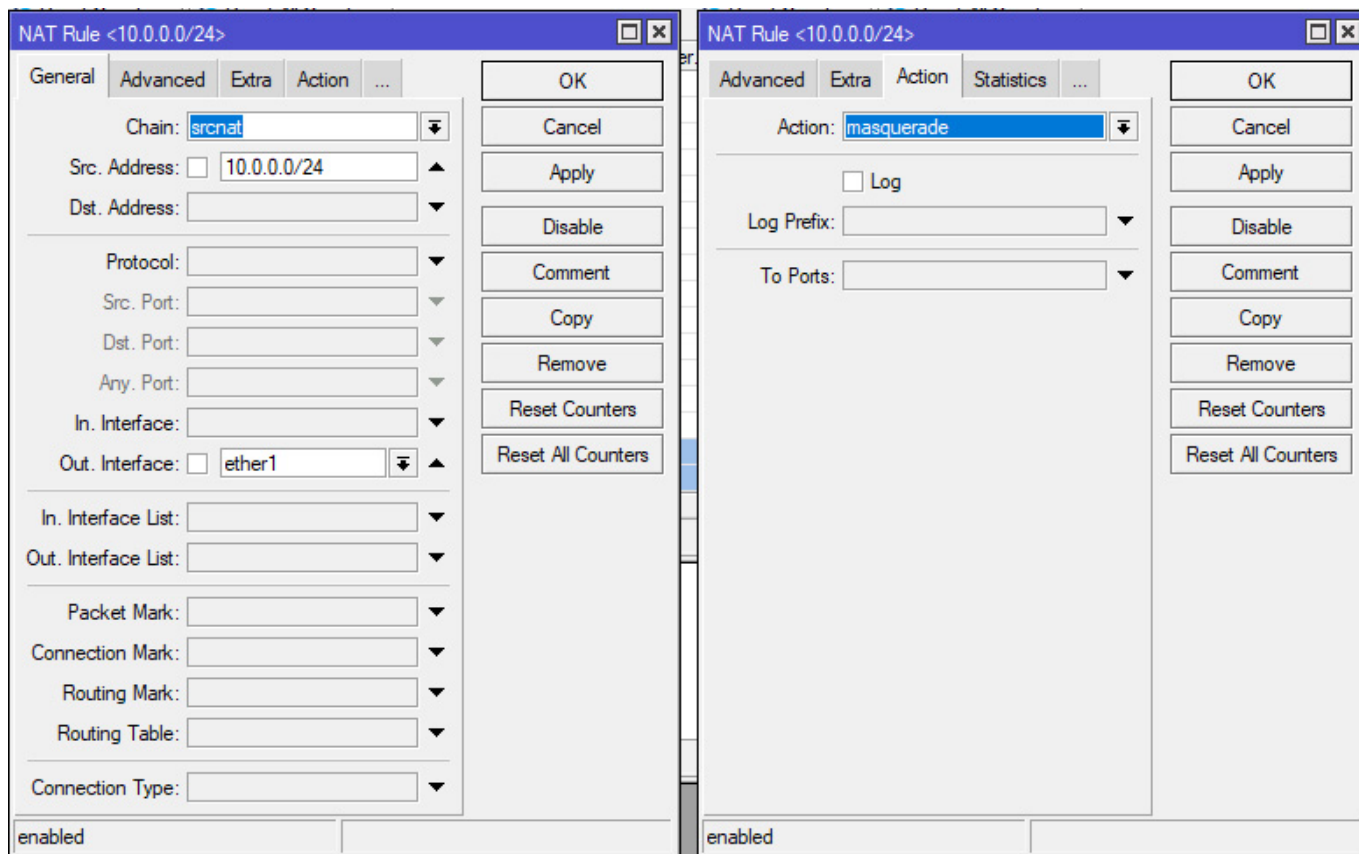
Addresses:

Next Pool:

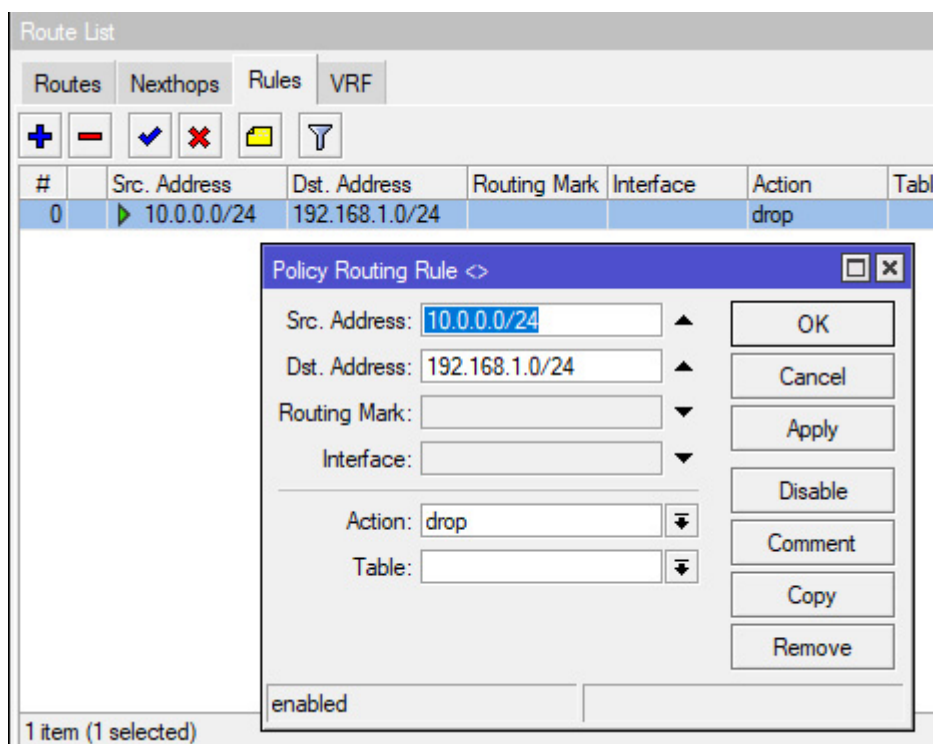
OK Cancel Apply Comment Copy Remove

3 items (1 selected)

Добавим NAT для нее



И с помощью правил запретим ей доступ в основную сеть



Настроим ограничение

Simple Queue <queue_guest>

General

Advanced

Statistics

Traffic

Total

Total Statistics

Name: queue_guest

Target: bridge_guest

Dst.: ether1

Target Upload

Target Download

Max Limit: 10M

10M

bits/s

Burst

Burst Limit: unlimited

unlimited

bits/s

Burst Threshold: unlimited

unlimited

bits/s

Burst Time: 0

0

s

Time

enabled

OK

Cancel

Apply

Disable

Comment

Copy

Remove

Reset Counters

Reset All Counters

Torch