

RDP.RU

WNAM 1.6 RDP.RU, BRAS. Wi-Fi (OpenWrt) (BRAS) .

L3,.. - , Wi-Fi. WNAM MAC- IP-. DHCP- ISC BIND ISC Kea, IP- WNAM "IP - -. , IP- .

ISC DHCP "" **wnam-dhcpd-bridge** /usr/local/bin/ (: <https://www.netams.com/files/wnam/misc/>) DHCP- /etc/dhcp/dhcpd.conf :

```
group "wifi" {
    on commit {
        set clip = binary-to-ascii(10, 8, ".", leased-address);
        set clhw = binary-to-ascii(16, 8, ":", substring(hardware, 1, 6));
        set clhost = pick-first-value(host-decl-name, option fqdn.hostname, option host-
name, "");
        execute ("/usr/local/bin/wnam-dhcpd-bridge", "127.0.0.1", "password", "commit",
"wnam", clip, clhw, clhost);
    }
}
```

push,.. WNAM . WNAM , - :

```
16:34:36.749 DEBUG [c.n.wnam.services.WnamApiService:154] - DHCP commit IP=10.
1.0.158, MAC=00:1F:27:90:74:CA, cust_clientid='tst-sw1'
```

/usr/local/bin/wnam-dhcpd-bridge :

- IP WNAM;
- ("password");
- ;
- ();
- IP-;
- MAC-;
- .

- Kea DHCP, "" (support@netams.com).

WNAM -, RDP. , :

```
bras
{
    enable
    pass_multicast true
    pass_routing_protocols true
    pass_bgp_port true
    bgp_port 179
    acl none
    no_shape ( )
    policies
    {
        policy_av
        {
            priority 300
            enable
            ingress_auth off
            local_ip ( 10.99.128.0/17 ) ! IP-
            type dynamic
            auth radiusgroup_av
            acct radiusgroup_av
            reauthorization_timeout 180
            session_timeout 1200
            idle_monitor_direction both
            idle_timeout 600
            interim_interval 300
            default ( service_open_garden_av service_fulldrop_av )
            if_auth_accept ( service_basic )
            if_auth_reject ( service_open_garden_av service_drop_av )
            if_auth_fail ( service_open_garden_av service_drop_av )
        }
    }
    services
    {
```

```

service_drop_av
{
    enable
    name "service_drop_av"
    action block
    acl acl_any
    redirect_url "https://wnam-server-name.ru/cp/rdp?sess=%c&ip=%i&vlan1=%v1&vlan2=%v2&dst=%u"! - WNAM
    egress_speed 20000
    ingress_speed 20000
    egress_tos nochange
    ingress_tos nochange
    time_start never
    time_end never
    always_pass ( )
    no_shape ( )
    dpilists ( )
}
service_open_garden_av
{
    enable
    name "service_open_garden_av"
    action pass
    acl acl_open_garden_av
    egress_speed 2000
    ingress_speed 2000
    egress_tos nochange
    ingress_tos nochange
    time_start never
    time_end never
    always_pass ( )
    no_shape ( )
    dpilists ( )
}
service_basic
{
    enable
    name "service_basic"
    action pass
    acl acl_any
    egress_speed 100000
    ingress_speed 100000
    egress_tos nochange
    ingress_tos nochange
    time_start never
    time_end never
    always_pass ( )
    no_shape ( )
    dpilists ( )
}
service_fulldrop_av
{
    enable
    name "service_fulldrop_av"
    action block
    acl acl_any
    redirect_url ""
    egress_speed 20000
    ingress_speed 20000
    egress_tos nochange
    ingress_tos nochange
    time_start never
    time_end never
    always_pass ( )
    no_shape ( )
    dpilists ( )
}
}

```

RADIUS- (WNAM):

```

radius
{
    request_burst_interval 1
    request_burst_size 1
    coa
    {
        enable
        port 3799
        secret "wnam_radius"
    }
    radius_groups
    {
        radiusgroup_av
        {
            type active_standby
            description ""
            request_max 3
            request_timeout 3
            dead_time_min 15
            dead_time_max 300
            servers ( radius_av )
        }
    }
    radius_servers
    {
        radius_av
        {
            enable
            server 10.99.1.10 ! IP- WNAM
            acct_port 1813
            auth_port 1812
            secret "wnam_radius"
        }
    }
}

```

, DNS :

```

acls
{
    acl_open_garden_av {
        10 permit ip src any dst host 10.99.1.10
        20 permit ip src any dst host 8.8.8.8
    }
}

```

:

1. BRAS - (service_open_garden_av) (service_drop_av).
2. RADIUS Auth CoA , (service_basic).

WNAM (, ,), RDP.RU .

Изменение сервера доступа



Параметры

RADIUS

SNMP/TACACS+

Категории



Клиент

Тип

Rdp.RU



Имя устройства

EcoSGE

IP адрес (NAS-IP-Address)

10.99.1.6

Внешний IP адрес

192.168.1.1

Местоположение

TEST

Комментарий

Логин ?

admin

Пароль ?

.....



☒ Использовать счетчики аккаунтинга

получено 0 записей

☐ Менять местами счетчики приёма/передачи

☐ Определять имена устройств абонентов

☐ Принимать детализацию потоков NetFlow

получено 0 записей

Вкл.

Сохранить изменения

Закреть

Изменение сервера доступа

Параметры

RADIUS

Атрибуты предварительной авторизации

Cisco-Service-Info=Aservice_open_garden_av
Cisco-Service-Info=Aservice_drop_av

Атрибуты CoA / пост-авторизации

Cisco-Service-Info=Aservice_basic

Секретный ключ ?

.....

Порт CoA

3799

MAC авторизация

Вкл.

Вкл.

Сбросить сессии

Удалить

Сохранить изменения

Закреть

"" , .
RADIUS-, IP- RADIUS- (.. BRAS) "" "", radiusd_networks (). MAC- , () WNAM EM WNAM Devices ("" support@netams.com).