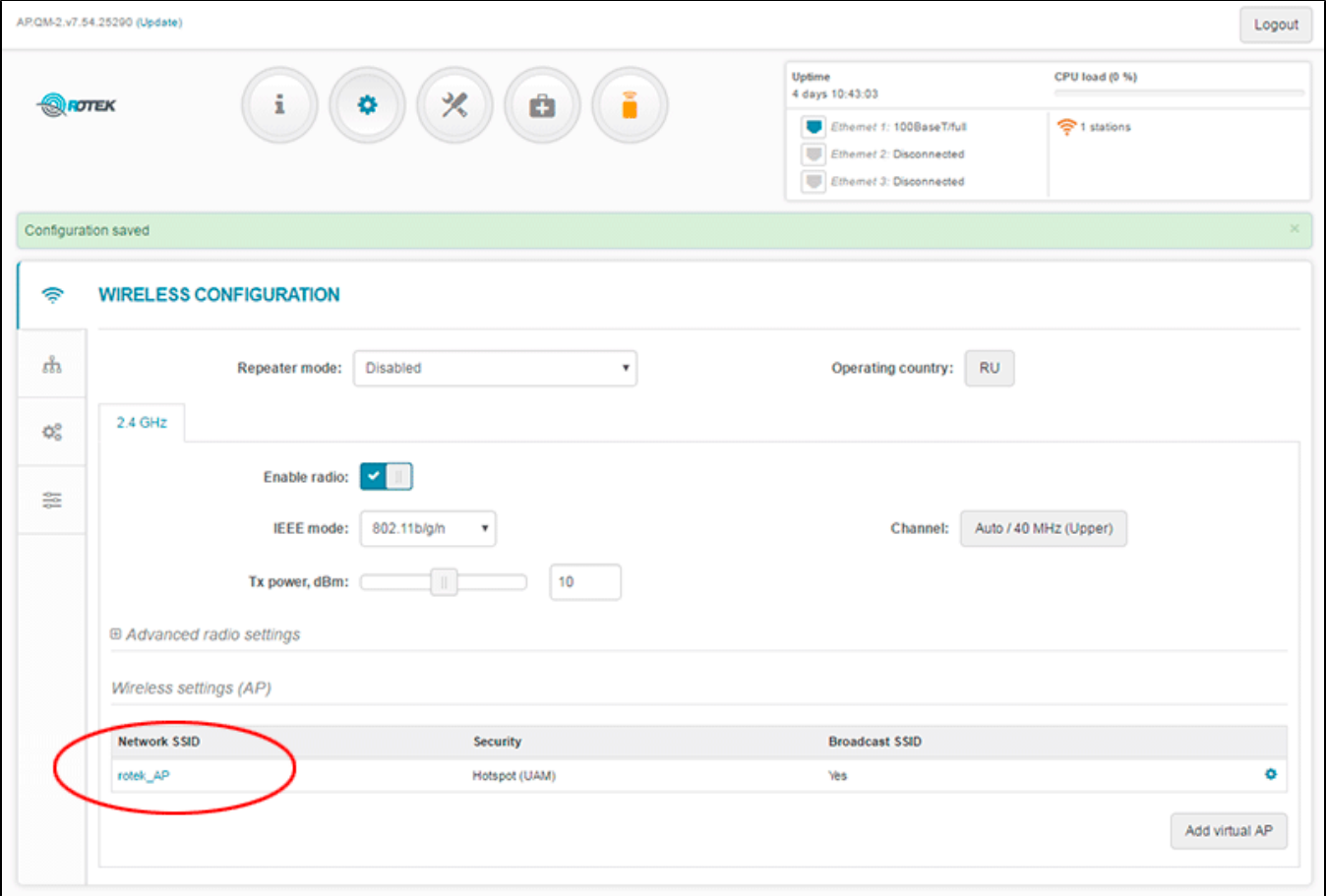


Rotek

1.4 WNAM Wi-Fi Rotek (<http://www.rottek.ru>). CooveChilli, , . RT-BR24-WFN2E v2 v7.54-5.43635.
(, , -, IP-, SSID) . Wi-Fi (Hotspot UAM). SSID.



- "Hotspot (UAM)".
"WIRELESS AP SETTINGS" IP- WNAM RADIUS Primary server, Server secret (). () WNAM "freeradius" /etc/freeradius/clients.conf.

WIRELESS AP SETTINGS

SSID:rotek_AP

Broadcast SSID:☒

Security settings

Security:Hotspot (UAM)▼

⊟ UAM settings

RADIUSWISPrCaptive portalSecurityNetworkWhite/Black list

NAS ID:rotek

Server secret:*****

Primary server:172.16.130.13

Authentication port:1812

Secondary server:

Accounting port:1813

⊕ Bandwidth limitation

⊕ WACL

⊕ Advanced settings

DoneCancel

IP- (,), WNAME "WISPr" "Location Name".

WIRELESS AP SETTINGS

SSID: rotek_AP

Broadcast SSID:



Security settings

Security: Hotspot (UAM) ▼

UAM settings

RADIUS

WISPr

Captive portal

Security

Network

White/Black list

WISPr Location

Location name:

16

ISO country code:

Operator name:

E.164 country code:

0

Network name:

E.164 area code:

0

WISPr default max bandwidth

Download, kbps:

0

Upload, kbps:

0

Bandwidth limitation

WACL

Advanced settings

Done

Cancel

(external) . "Login URL" WNAME http://cp/rotek.

WIRELESS AP SETTINGS

SSID:

Broadcast SSID: ☒

Security settings

Security:

UAM settings

RADIUS WISPr **Captive portal** Security Network White/Black list

Splash page type:

Login URL:

Portal secret:

Welcome URL:

Logout URL:

Blacklist redirect URL:

Bandwidth limitation

WACL

Advanced settings

Done

Cancel

SSID "Security" "Open" () .

WIRELESS AP SETTINGS

SSID:

Broadcast SSID: ☒

Security settings

Security:

UAM settings

Security:

Bandwidth limitation

WACL

Advanced settings

Done

Cancel

IP-, IP-, DNS-

WIRELESS AP SETTINGS

SSID:

Broadcast SSID: ☒

Security settings

Security:

UAM settings

RADIUS WISPr Captive portal Security **Network** White/Black list

These settings are used to set up hotspot network and DHCP server inside it.

Interface IP address:

DNS server 1:

Network mask:

DNS server 2:

Service on LAN Ethernet: ☐

Bandwidth limitation

WACL

Advanced settings

Done

Cancel

- White list - () WNAME DNS- IP-

WIRELESS AP SETTINGS

SSID: rotek_AP

Broadcast SSID: ☒

Security settings

Security: Hotspot (UAM) ▼

UAM settings

RADIUS WISPr Captive portal Security Network **White/Black list**

White/Black list auto update: ☐

White list

Whitelisted addresses are allowed for non-authenticated users.

Host / IP address	Description
8.8.8.8	
172.16.130.5	

Edit

Black list

Blacklisted addresses are always blocked even for authenticated users.

Host / IP address	Description
List is empty	

Edit

Bandwidth limitation

WACL

Advanced settings

Done

Cancel

WNAM. "" "" . IP- . . .

Изменение сервера доступа

Параметры

RADIUS

SNMP/TACACS+

Категории

Тип

Rotek

Имя устройства

rotek

IP адрес (NAS-IP-Address)

192.168.5.66

Внешний IP адрес

192.168.1.1

Местоположение

LAB K18

Комментарий

Логин

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

Закрыть

() . () - WISPr Location Name, (192.168.5.0/24). (). "" "" "" .

Изменение площадки



Параметры

Авторизация

Перенаправление

Ограничения

Соцсети

RADIUS

Номер

16

Тип

Площадка

Адрес/название

K18 Rotek Wifi

Контактное лицо

Контактное лицо

Комментарий

Присвоенная IP подсеть

192.168.5.0/24

Тэг

Разрешенный сервер доступа

LAB K18 192.168.5.66

Дополнительный ID на этом сервере

Вкл.

Удалить

Сохранить изменения

Заккрыть

Wi-Fi

Параметры записи о сессии

MAC

4C:57:CA:8C:8B:4C

Время начала

30.05.2017, 10:10:37

Длительность

0ч 19м 9с

Принято, байт

65963257

Площадка

16 K18 Rotek Wifi

Точка доступа

EC:4C:4D:56:35:28 (Rotek)

Пользователь

4C:57:CA:8C:8B:4C 79996662233

Идентификатор сессии

576fa6a500000001-2c0f4c

IP адрес

192.168.5.1

Время завершения

ещё идёт, остановить

Сервер доступа

192.168.5.66

Отправлено, байт

1440744

Канал

Потоки данных в этой сессии

Параметры учетной записи пользователя

Закрыть

- **wnam.log** :

RADIUS-, freeradius (freeradius -X). :

```

User-Name = "4C:57:CA:XX:XX:XX"
User-Password = "password"
Service-Type = Login-User
Acct-Session-Id = "57739d0f00000001"
Framed-IP-Address = 192.168.5.3
NAS-Port-Type = Wireless-802.11
NAS-Port = 1
NAS-Port-Id = "00000001"
Calling-Station-Id = "4C-57-CA-XX-XX-XX"
Called-Station-Id = "EC-4C-4D-56-35-28"
NAS-IP-Address = 192.168.5.66
NAS-Identifier = "rotek"
WISPr-Location-ID = "isocc=,cc=0,ac=0,network="
WISPr-Location-Name = "16"
WISPr-Logoff-URL = "http://192.168.5.66:3990/logoff"
Message-Authenticator = 0x214190c2a9c0eb3f33c8a0794f507179
# Executing section authorize from file /etc/freeradius/sites-enabled/default
+group authorize {
++[preprocess] = ok
[pap] WARNING! No "known good" password found for the user. Authentication may fail because of this.
++[pap] = noop
++[chap] = noop
rlm_perl: WNAME Q: AUTH Message-Authenticator=0x214190c2a9c0eb3f33c8a0794f507179 User-Password=password WISPr-
Location-ID=isocc=,cc=0,ac=0,network= NAS-Port=1 Framed-IP-Address=192.168.5.3 ChilliSpot-Version=1.3.0 NAS-IP-
Address=192.168.5.66 Calling-Station-Id=4C-57-CA-XX-XX-XX NAS-Identifier=rotek WISPr-Location-Name=16 User-Name=4C:57:
CA:XX:XX:XX Acct-Session-Id=57739d0f00000001 Called-Station-Id=EC-4C-4D-56-35-28 NAS-Port-Type=Wireless-802.11 NAS-
Port-Id=00000001 Service-Type=Login-User WISPr-Logoff-URL=http://192.168.5.66:3990/logoff
rlm_perl: RECV: IO::Socket::INET=GLOB(0x1c21918)
rlm_perl: WNAME A: OK Acct-Interim-Interval=300 Session-Timeout=600 WISPr-Bandwidth-Max-Down=5120000 WISPr-Bandwidth-
Max-Up=1024000 (112)
rlm_perl: authorize reply: .OK.
rlm_perl: Added pair Message-Authenticator = 0x214190c2a9c0eb3f33c8a0794f507179
rlm_perl: Added pair User-Password = password
rlm_perl: Added pair WISPr-Location-ID = isocc=,cc=0,ac=0,network=
rlm_perl: Added pair NAS-Port = 1
rlm_perl: Added pair Framed-IP-Address = 192.168.5.3
rlm_perl: Added pair ChilliSpot-Version = 1.3.0
rlm_perl: Added pair NAS-IP-Address = 192.168.5.66
rlm_perl: Added pair Calling-Station-Id = 4C-57-CA-XX-XX-XX
rlm_perl: Added pair NAS-Identifier = rotek
rlm_perl: Added pair WISPr-Location-Name = 16
rlm_perl: Added pair User-Name = 4C:57:CA:XX:XX:XX
rlm_perl: Added pair Acct-Session-Id = 57739d0f00000001
rlm_perl: Added pair Called-Station-Id = EC-4C-4D-56-35-28
rlm_perl: Added pair NAS-Port-Type = Wireless-802.11
rlm_perl: Added pair NAS-Port-Id = 00000001
rlm_perl: Added pair Service-Type = Login-User
rlm_perl: Added pair WISPr-Logoff-URL = http://192.168.5.66:3990/logoff
rlm_perl: Added pair Session-Timeout = 600
rlm_perl: Added pair WISPr-Bandwidth-Max-Up = 1024000
rlm_perl: Added pair Acct-Interim-Interval = 300
rlm_perl: Added pair WISPr-Bandwidth-Max-Down = 5120000
rlm_perl: Added pair Cleartext-Password = password
rlm_perl: Added pair Auth-Type = PAP
++[perl] = ok
[auth_log] expand: %{Packet-Src-IP-Address} -> 172.16.130.69
[auth_log] expand: /var/log/freeradius/radacct/%{Packet-Src-IP-Address}:%{Packet-Src-IPv6-Address}/auth-detail-%Y%m%d ->
/var/log/freeradius/radacct/172.16.130.69/auth-detail-20170602
[auth_log] /var/log/freeradius/radacct/%{Packet-Src-IP-Address}:%{Packet-Src-IPv6-Address}/auth-detail-%Y%m%d expands to
/var/log/freeradius/radacct/172.16.130.69/auth-detail-20170602
[auth_log] expand: %t -> Fri Jun 2 10:17:30 2017
++[auth_log] = ok
+} # group authorize = ok
Found Auth-Type = PAP
# Executing group from file /etc/freeradius/sites-enabled/default
+group PAP {
[pap] login attempt with password "password"
[pap] Using clear text password "password"
[pap] User authenticated successfully
++[pap] = ok
+} # group PAP = ok
# Executing section post-auth from file /etc/freeradius/sites-enabled/default
+group post-auth {
[reply_log] expand: %{Packet-Src-IP-Address} -> 172.16.130.69
[reply_log] expand: /var/log/freeradius/radacct/%{Packet-Src-IP-Address}:%{Packet-Src-IPv6-Address}/reply-detail-%Y%m%d -
> /var/log/freeradius/radacct/172.16.130.69/reply-detail-20170602
[reply_log] /var/log/freeradius/radacct/%{Packet-Src-IP-Address}:%{Packet-Src-IPv6-Address}/reply-detail-%Y%m%d expands
to /var/log/freeradius/radacct/172.16.130.69/reply-detail-20170602
[reply_log] expand: %t -> Fri Jun 2 10:17:30 2017

```

```
++[reply_log] = ok
+} # group post-auth = ok
Sending Access-Accept of id 59 to 172.16.130.69 port 53106
Session-Timeout += 600
WISPr-Bandwidth-Max-Up += 1024000
Acct-Interim-Interval += 300
WISPr-Bandwidth-Max-Down += 5120000
Finished request 1.
Going to the next request
Waking up in 4.9 seconds.
```

```
rad_recv: Accounting-Request packet from host 172.16.130.69 port 39306, id=11,
length=216
ChilliSpot-Version = "1.3.0"
ChilliSpot-Attr-10 = 0x00000002
Event-Timestamp = " 29 2016 13:04:08 MSK"
User-Name = "4C:57:CA:XX:XX:XX"
Acct-Status-Type = Start
Acct-Session-Id = "57739d0f00000001"
Framed-IP-Address = 192.168.5.3
NAS-Port-Type = Wireless-802.11
NAS-Port = 1
NAS-Port-Id = "00000001"
Calling-Station-Id = "4C-57-CA-XX-XX-XX"
Called-Station-Id = "EC-4C-4D-56-35-28"
NAS-IP-Address = 192.168.5.66
NAS-Identifier = "rotek"
WISPr-Location-ID = "isocc=,cc=0,ac=0,network="
WISPr-Location-Name = "16"
# Executing section preacct from file /etc/freeradius/sites-enabled/default
+group preacct {
++[preprocess] = ok
[acct_unique] Hashing 'NAS-Port = 1,NAS-Identifier = "rotek",NAS-IP-Address =
192.168.5.66,Acct-Session-Id = "57739d0f00000001",User-Name = "4C:57:CA:XX:XX:
XX"'
[acct_unique] Acct-Unique-Session-ID = "9a52b5614889da5c".
++[acct_unique] = ok
+} # group preacct = ok
# Executing section accounting from file /etc/freeradius/sites-enabled/default
+group accounting {
[detail] expand: %{Packet-Src-IP-Address} -> 172.16.130.69
[detail] expand: /var/log/freeradius/radacct/%{Packet-Src-IP-Address}:-%
{Packet-Src-IPv6-Address}}/detail-%Y%m%d -> /var/log/freeradius/radacct/172.
16.130.69/detail-20170602
[detail] /var/log/freeradius/radacct/%{Packet-Src-IP-Address}:-%{Packet-Src-
IPv6-Address}}/detail-%Y%m%d expands to /var/log/freeradius/radacct/172.16.130.69
/detail-20170602
[detail] expand: %t -> Fri Jun 2 10:17:30 2017
++[detail] = ok
[radutmp] expand: /var/log/freeradius/radutmp -> /var/log/freeradius/radutmp
[radutmp] expand: %{User-Name} -> 4C:57:CA:XX:XX:XX
++[radutmp] = ok
rlm_perl: WNAME Q: ACCT WISPr-Location-ID=isocc=,cc=0,ac=0,network= NAS-Port=1
Acct-Status-Type=Start Framed-IP-Address=192.168.5.3 ChilliSpot-Version=1.3.0
NAS-IP-Address=192.168.5.66 Calling-Station-Id=4C-57-CA-XX-XX-XX NAS-
Identifier=rotek Acct-Unique-Session-Id=9a52b5614889da5c ChilliSpot-Attr-
10=0x00000002 WISPr-Location-Name=16 User-Name=4C:57:CA:XX:XX:XX Acct-Session-
Id=57739d0f00000001 Called-Station-Id=EC-4C-4D-56-35-28 NAS-Port-Type=Wireless-
802.11 NAS-Port-Id=00000001
rlm_perl: RECV: IO::Socket::INET=GLOB(0x1c21918)
rlm_perl: WNAME A: OK (2)
rlm_perl: Added pair WISPr-Location-ID = isocc=,cc=0,ac=0,network=
rlm_perl: Added pair NAS-Port = 1
rlm_perl: Added pair Acct-Status-Type = Start
rlm_perl: Added pair Framed-IP-Address = 192.168.5.3
rlm_perl: Added pair ChilliSpot-Version = 1.3.0
rlm_perl: Added pair NAS-IP-Address = 192.168.5.66
rlm_perl: Added pair Calling-Station-Id = 4C-57-CA-XX-XX-XX
rlm_perl: Added pair NAS-Identifier = rotek
```

```
rlm_perl: Added pair Acct-Unique-Session-Id = 9a52b5614889da5c
rlm_perl: Added pair ChilliSpot-Attr-10 = 0x00000002
rlm_perl: ERROR: Failed to create pair Event-Timestamp = 29 2016 13:04:08 MSK
rlm_perl: Added pair WISPr-Location-Name = 16
rlm_perl: Added pair User-Name = 4C:57:CA:XX:XX:XX
rlm_perl: Added pair Acct-Session-Id = 57739d0f00000001
rlm_perl: Added pair Called-Station-Id = EC-4C-4D-56-35-28
rlm_perl: Added pair NAS-Port-Type = Wireless-802.11
rlm_perl: Added pair NAS-Port-Id = 00000001
++[perl] = ok
[attr_filter.accounting_response] expand: %{User-Name} -> 4C:57:CA:XX:XX:XX
attr_filter: Matched entry DEFAULT at line 12
++[attr_filter.accounting_response] = updated
+} # group accounting = updated
Sending Accounting-Response of id 11 to 172.16.130.69 port 39306
Finished request 2.
Cleaning up request 2 ID 11 with timestamp +63
```