

Cambium Networks

1.3.1000 WNAM Cambium Networks cnPilot E400, E500 ePMP1000. () WNAM "Cambium Networks" (" " " ").

Изменение сервера доступа

Параметры

RADIUS

SNMP/TACACS+

Категории

Тип

Cambium Networks

Имя устройства

IP адрес (NAS-IP-Address)

195.168.20.25

Внешний IP адрес

192.168.1.1

Местоположение

Местоположение

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.

Сбросить сессии

Удалить

Сохранить изменения

Заккрыть

" " " " (DHCP) NetFlow.

WNAM , (..) , () . cnPilot E400 ("Configure" "WLAN") :

1. "Guest Access" "External hotspot", "Radius", HTTP, - WNAM. : http://cp/cambium.

"Redirect URL" () - (http://cp/cambium).

! "MAC Authentication Fallback" , (VIP) .

(Add White List) IP- WNAM.

cnPilot E400

Reboot

Logout

Dashboard

Monitor

Configure

System

Radio

WLAN

Network

Services

Operations

Troubleshoot

Configure / Wlan

Edit

wlan 1

Delete this Wireless LAN

Create Wireless LAN

Basic

Radius Server

Guest Access

Usage Limits

Scheduled Access

Access

Passpoint

Enable

☒

Portal Mode

☐ Internal Access Point
 ☒ External Hotspot
 ☐ cnMaestro

Access Policy

☐ Click through *Splash-page where users accept terms & conditions to get on the network*
☒ Radius *Splash-page with username & password, authenticated with a RADIUS server*
☐ LDAP *Redirect users to a login page for authentication by a LDAP server*
☐ Local Guest Account *Redirect users to a login page for authentication by local guest user account*

Redirect Mode

☒ HTTP *Use HTTP URLs for redirection*
☐ HTTPS *Use HTTPS URLs for redirection*

WISPr Clients External Server Login

☒

External Page URL

URL of external splash page

Success Action

☐ Internal Logout Page
 ☒ Redirect user to External URL
 ☐ Redirect user to Original URL

Prefix Query Strings in Redirect URL

☐

Redirect URL

Redirection Port

Port number(1 to 65535)

Session Timeout

Session time in seconds (60 to 604800)

Inactivity Timeout

Inactivity time in seconds (60 to 28800)

MAC Authentication Fallback

☒ *Use guest-access only as fallback for clients failing MAC-authentication*

Save

Cancel

Add White List

IP Address or Domain Name

Save

IP Address Domain Name	Action
wnam-srv1.net	
77.11.11.11	

2. "Radius Server" IP- WNAM "Authentication Server" "Accounting Server", () .

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Passpoint

Authentication Server 1

Host

Secret

Port

Realm

77.247.144.89

1812

2

Host

Secret

Port

Realm

1812

3

Host

Secret

Port

Realm

1812

Timeout

3

Timeout in seconds of each request attempt

Attempts

1

Number of attempts before a request is given up

Accounting Server 1

Host

Secret

Port

77.247.144.89

1813

2

Host

Secret

Port

1813

3

Host

Secret

Port

1813

Timeout

3

Timeout in seconds of each request attempt

Attempts

2

Number of attempts before a request is given up

Accounting Mode

start-interim ▾

Server Pool Mode

Load Balance

Load balance requests equally among configured servers

Fallover

Move down server list when earlier servers are unreachable

NAS Identifier

NAS-Identifier attribute for use in Request packets. Defaults to system name

Interim Update Interval

120

Interval for accounting interim stats update (60-65535)

Dynamic Auth

☐

Save

Cancel

() "Save".

. Wi-Fi **wnam.log** :

```
18:15:16.907 DEBUG [c.n.w.web.cp.CaptivePortalController:523] - CP cambium
redirect: cmac=9C:4E:36:XX:XX:XX, ip=195.9.250.162, ap=00:04:56:b5:5d:6e,
server=192.168.20.25
18:15:16.934 DEBUG [c.n.w.web.cp.CaptivePortalController:1571] -
processAuthRequest ci: key=8e71fe87-93f1-4905-b47a-5bea92bab9ad, mac=9C:4E:36:XX:
XX:XX, username=null, ip=195.9.250.162, site_id=9, phone=, smscode=null
18:15:16.936 DEBUG [c.n.w.web.cp.CaptivePortalController:1594] -
processAuthRequest CAMBIUM: username=9C:4E:36:XX:XX:XX, ip=195.9.250.162,
server=192.168.20.25, site_id=9, dst='https://www.lenta.ru'
18:15:16.937 DEBUG [c.n.w.web.cp.CaptivePortalController:1653] - captive portal
redirected to SMS page, username=9C:4E:36:XX:XX:XX, cust=new, form='sms'
18:15:53.213 DEBUG [c.n.w.web.cp.CaptivePortalController:829] - postSms:
site_id=9, username=9C:4E:36:XX:XX:XX, phone=79266274433, smscode=null, ci.
key=8e71fe87-93f1-4905-b47a-5bea92bab9ad
18:15:53.223 DEBUG [c.n.w.web.cp.CaptivePortalController:992] - CP SMS phase 1:
mac=9C:4E:36:XX:XX:XX, ip=195.9.250.162, phone=79266274433, smscode=2692
18:15:53.346 DEBUG [com.netams.wnam.services.SmsService:102] - smsc sms_to:
79266274433, text=' 2692', header=WNAM
18:16:10.909 DEBUG [c.n.w.web.cp.CaptivePortalController:829] - postSms:
site_id=9, username=9C:4E:36:XX:XX:XX, phone=79266274433, smscode=2692, ci.
key=8e71fe87-93f1-4905-b47a-5bea92bab9ad
18:16:10.921 DEBUG [c.n.w.web.cp.CaptivePortalController:1071] - CP SMS phase 2:
mac=9C:4E:36:XX:XX:XX, ip=195.9.250.162, phone=79266274433, smscode=2692 CORRECT
18:16:10.927 DEBUG [c.n.w.web.cp.CaptivePortalController:1763] -
processRedirectRequestCi mac=9C:4E:36:XX:XX:XX, method=FORM, formName=redirect,
redirectUrl=https://www.lenta.ru, key=8e71fe87-93f1-4905-b47a-5bea92bab9ad
18:16:12.854 DEBUG [c.n.w.web.cp.CaptivePortalController:1374] - RedirectCi
login: site_id=9, username=9C:4E:36:DC:1B:98, dst='https://www.lenta.ru',
dst_extra='null'
18:16:12.854 DEBUG [c.n.w.web.cp.CaptivePortalController:2015] - loginAtNasCi
CAMBIUM mac=9C:4E:36:XX:XX:XX, ip=195.9.250.162, server=192.168.20.25, dst='https
://www.lenta.ru'
18:16:12.855 DEBUG [com.netams.wnam.web.cp.Cambium:39] - backToCambium query
len=652, action='192.168.20.25', username=9C:4E:36:XX:XX:XX, password=password
18:16:12.959 INFO [WnamRadius:520] - AUTH for new session ID=null, request
MAC=9C:4E:36:XX:XX:XX, IP=192.168.20.21, cust_clientid=null
18:16:13.035 INFO [WnamRadius:661] - ACCT Start new session ID=00-04-56-B5-5D-6E-
9C-4E-36-XX-XX-XX-0006-dc1b98, MAC=9C:4E:36:XX:XX:XX, IP=192.168.20.21, NAS=192.
168.20.25
```

MAC- (MAC Authentication Fallback Use guest-access only as fallback for clients failing MAC-authentication)
"Guest Access", Access.

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ACL

Precedence

1

Policy

Deny

Direction

In

Type

IP

Source IP/Mask

Destination IP/Mask

Save

Prece...	Policy	Directi...	Type	Rule	Action
No Rules available					

1

/ 1

10

Items per page

DNS-ACL

Precedence

1

Action

Deny

Domain

Save

Prece...	Policy	Domain Name	Action
No Rules available			

1

/ 1

10

Items per page

MAC Authentication

MAC Authentication Policy

Radius

Delimiter

:

Password

☒

Upper-Case

☒

Save

- Policy - Radius;
- Delimiter - : ();
- Password Upper-Case.