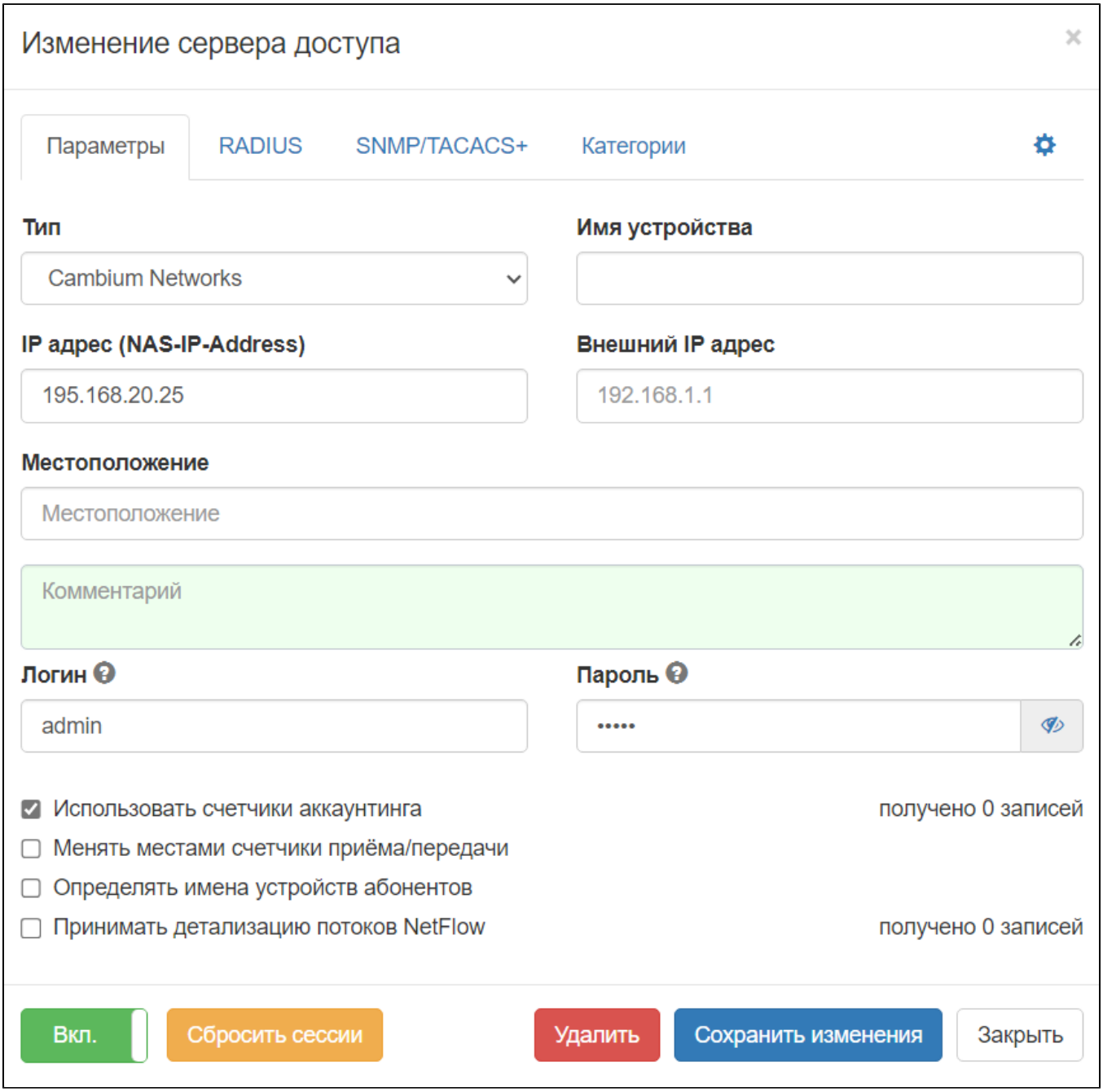
Cambium Networks

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



"" "" . (DHCP) NetFlow.

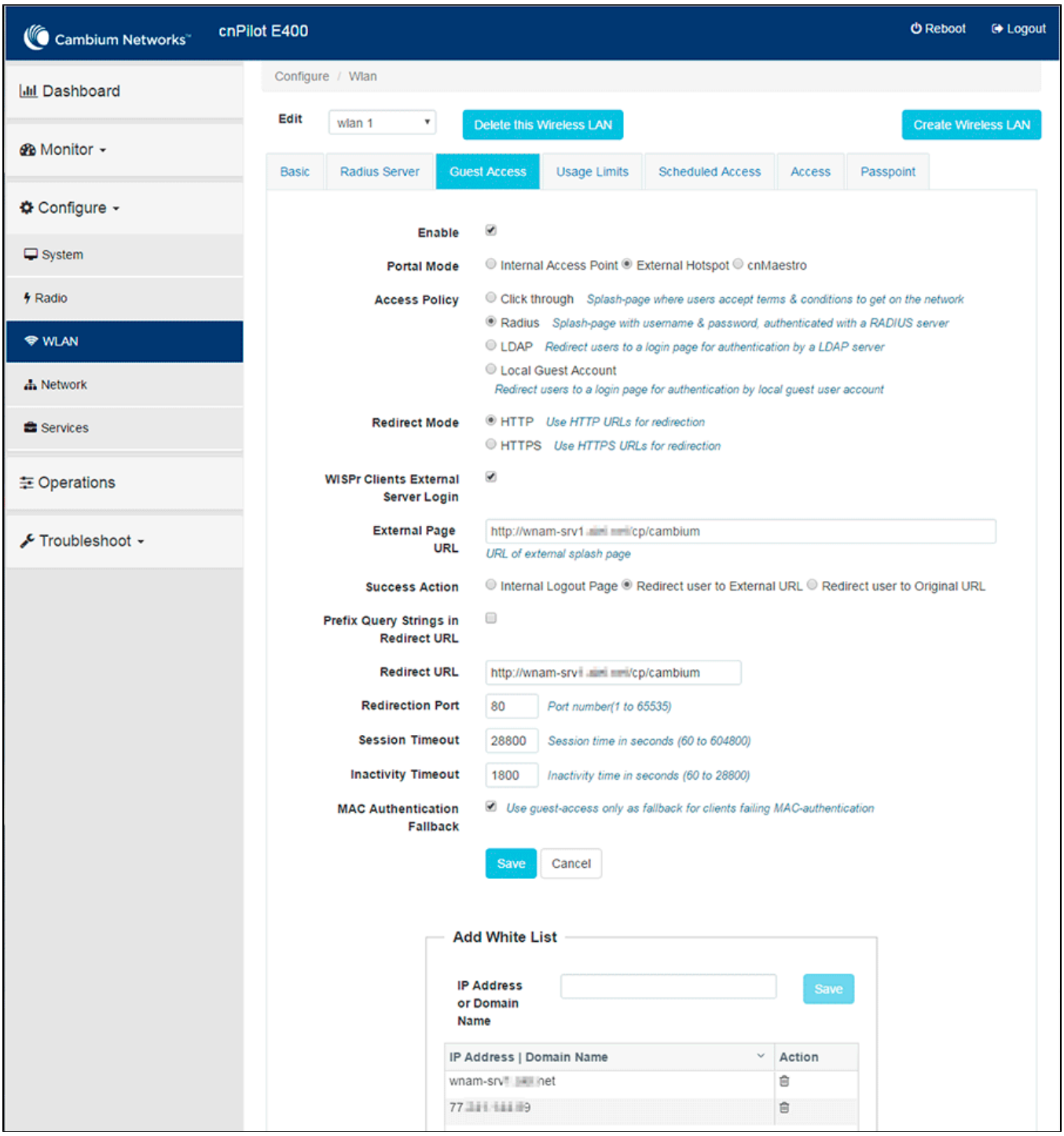
WNAM , (..) , ( ) . cnPilot E400 ("Configure" "WLAN") :

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

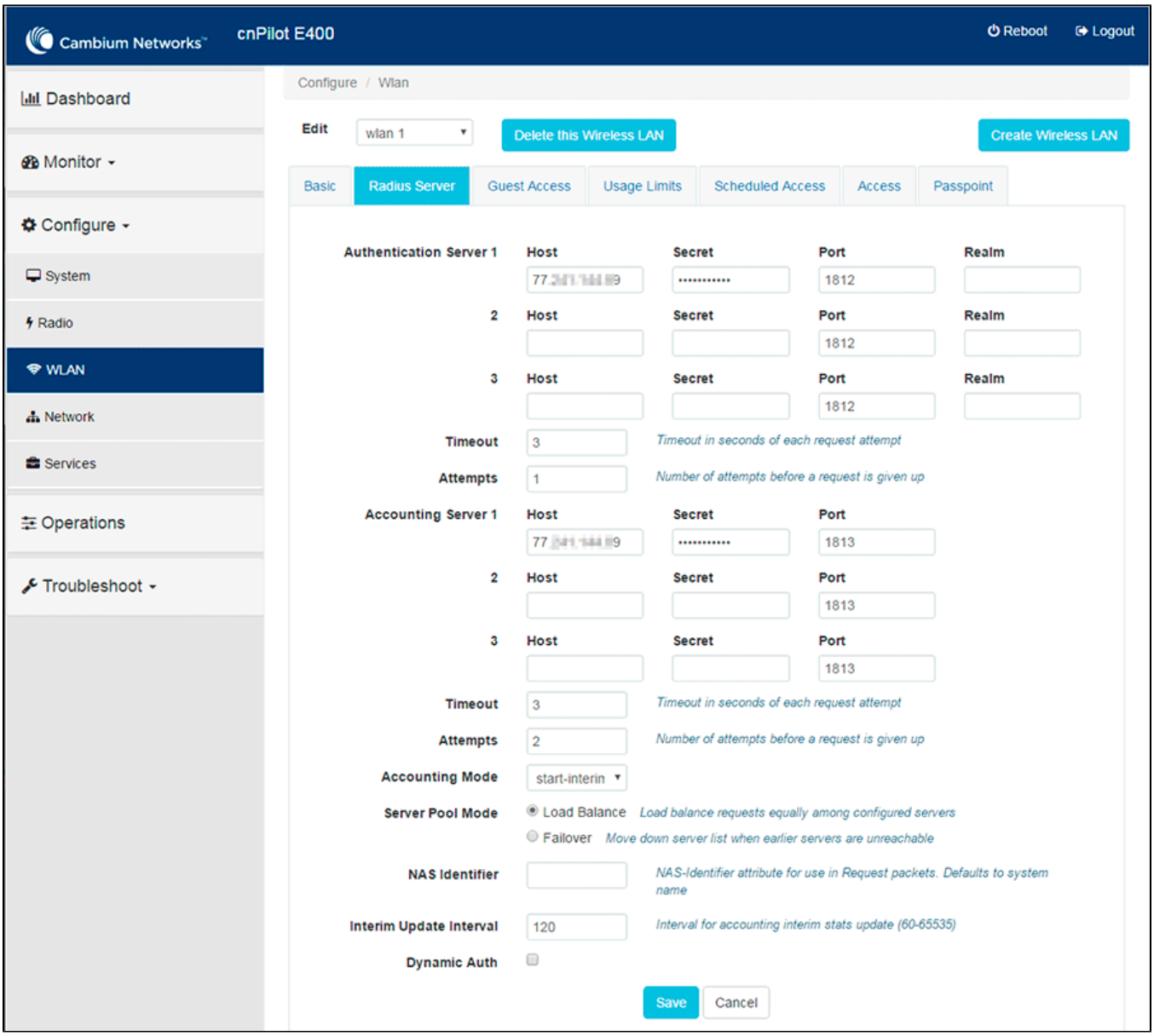
"Redirect URL" ( ) - (http:///cp/cambium).

"MAC Authentication Fallback" , (VIP) .

(Add White List) IP- WNAM.



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

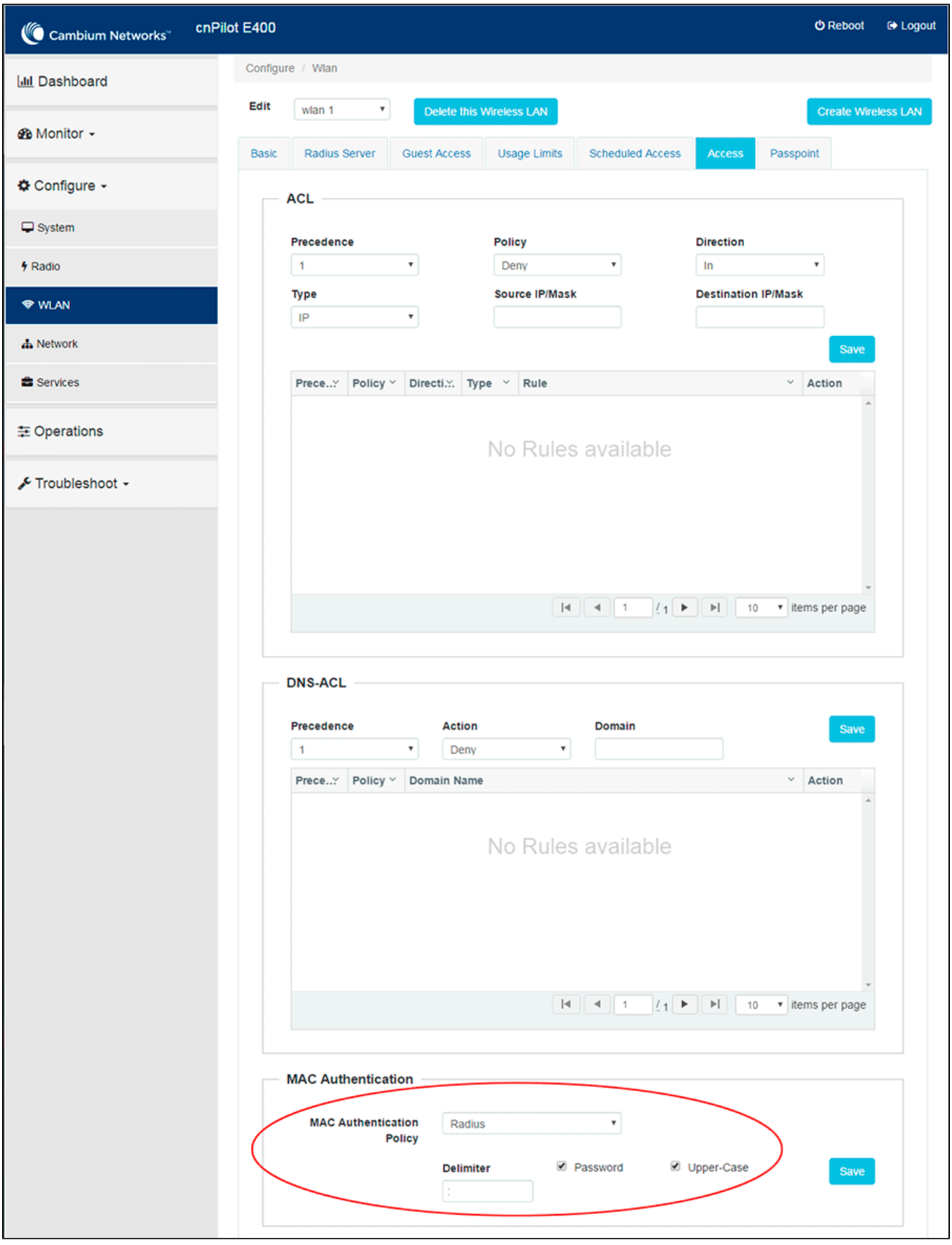


() "Save".

. 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.


Cambium Networks
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
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.