

# Zyxel UAG

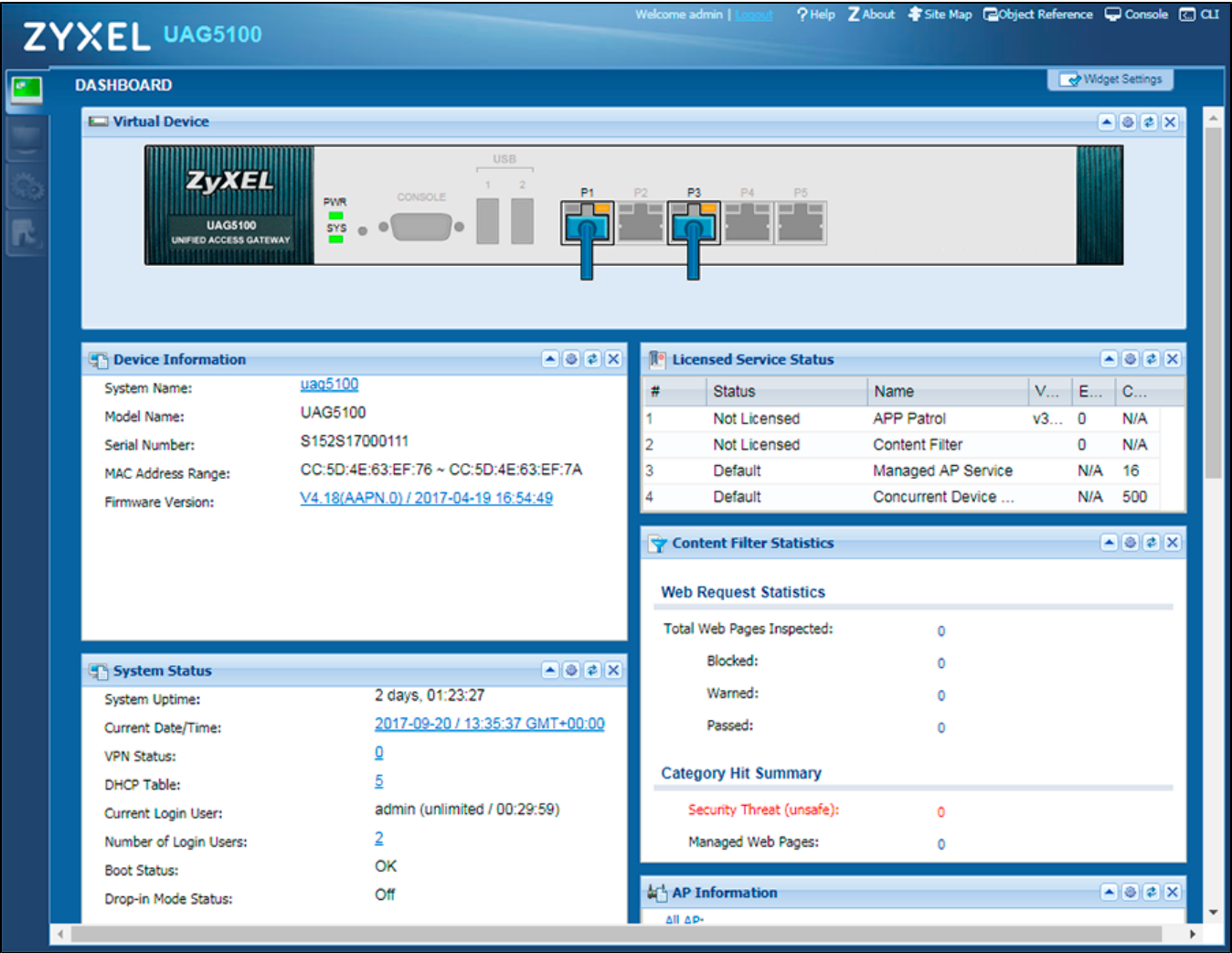
1.4.1345 WNAM Zyxel UAG. , ( ), WNAM.

NXC. WNAM ( Zyxel NXC ).

:

- WNAM 10.8.8.189;
- 10.8.8.11;
- 172.16.0.0/16.

, .



ZYXEL

UAG5100

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CONFIGURATION

Quick Setup

Licensing

Wireless

Network

- Interface
- Routing
- DDNS
- NAT
- VPN 1-1 Mapping
- HTTP Redirect
- SMTP Redirect
- ALG
- UPnP
- IP/MAC Binding
- Layer 2 Isolation
- IPnP

Web Authentication

Security Policy

Billing

Printer

Free Time

SMS

VPN

BWM

UTM Profile

Object

System

Log & Report

Web Authentication

Walled Garden

Advertisement

General

Authentication Type

Custom Web Portal File

Custom User Agreement File

Facebook Wi-Fi

Global Setting

☒ Enable Web Authentication

Web Portal General Setting

Logout IP: 1.1.1.1

Exceptional Services

Add Remove

#	Exceptional Services
1	DNS

Page 1 of 1 | Show 50 items | Displaying 1 - 1 of 1

Web Authentication Policy Summary

Add Edit Remove Activate Inactivate Move

...	Incomi...	Source	Destin...	Sched...	Authenti...	Authentication Type	Description
1	any	Wan_subnet	any	none	force	WNAM	
2	any	any	wnam	none	unneces...	n/a	
...	any	any	any	none	required	default-web-portal	n/a

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Apply

Reset

ZYXEL

UAG5100

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Custom Web Portal File

Custom User Agreement File

Facebook Wi-Fi

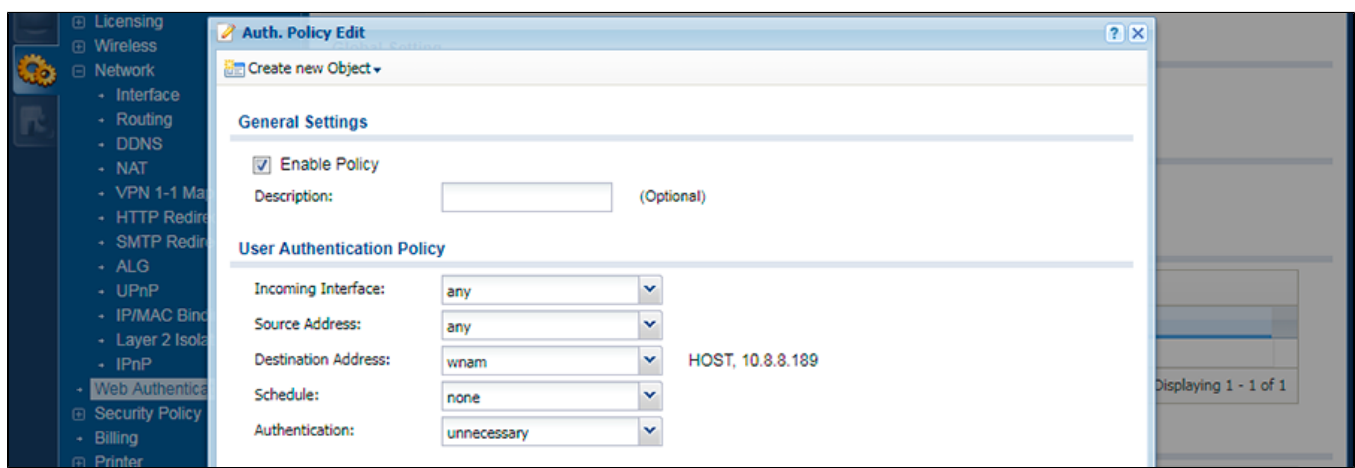
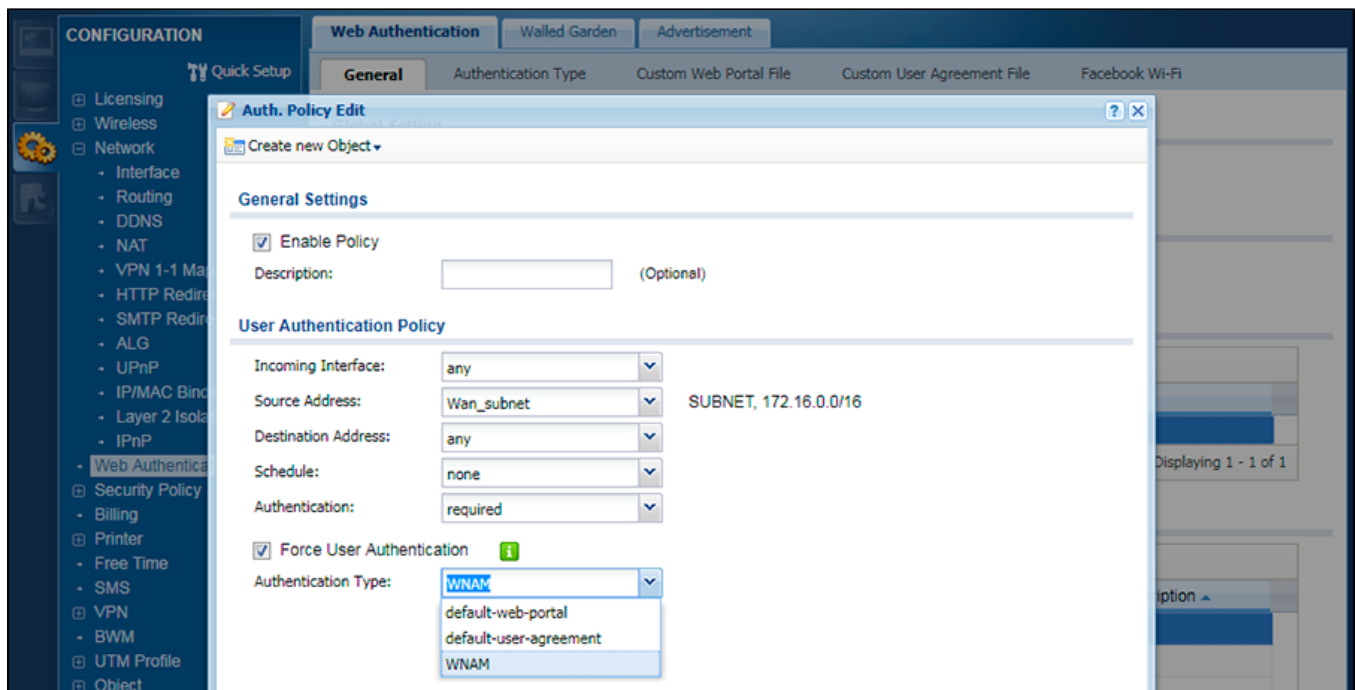
Configuration

Add Edit Remove

#	Name	Type	Web Page
1	default-web-portal	web-portal	System Default Page
2	default-user-agreement	user-agreement	System Default Page
3	WNAM	web-portal	External Page

Page 1 of 1 | Show 50 items | Displaying 1 - 3 of 3





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- IPnP
- Web Authentication
- ▣ Security Policy
  - Policy Control
  - Session Control
- Billing
- ▣ Printer
  - Free Time
  - SMS
- ▣ VPN
  - BWM
- ▣ UTM Profile
- ▣ Object
  - Zone
  - User/Group
  - AP Profile
  - MON Profile
  - Application
  - Address
  - Service
  - Schedule
  - AAA Server

RADIUS

RADIUS Server Summary

Add

Edit

Remove

Object Reference

#	Name	Server Address
1	radius	
2	wname	10.8.8.189:1812

Page 1 of 1

Show 50 items

Displaying 1 - 2 of 2



**ZYXEL** UAG5100

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**CONFIGURATION**

- Quick Setup
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- BWM
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- Object
  - Zone
  - User/Group
  - AP Profile
  - MON Profile
  - Application
  - Address
  - Service
  - Schedule
  - AAA Server
  - Auth. Method**

**Authentication Method**

**Configuration**

Add Edit Remove Object Reference

#	Method Name	Method List
1	default	local
2	WNAM	local group wnam

Page 1 of 1 | Show 50 items | Displaying 1 - 2 of 2

**Edit Authentication Method WNAM**

**General Settings**

Name:

Add Edit Remove Move

#	Method List
1	local
2	group wnam

OK Cancel





## CONFIGURATION

Quick Setup

- ▣ Licensing
- ▣ Wireless
  - Controller
  - AP Management
  - MON Mode
  - Auto Healing
  - RTLS
- ▣ Network
  - Interface
  - Routing
  - DDNS
  - NAT
  - VPN 1-1 Mapping

Mgmt. AP List

AP Policy

AP Group

Firmware

## Group setting

Default Group:

wnam

## Group Summary

[Add](#) [Edit](#) [Remove](#) [DCS Now](#)

#	Group Name	Member Count
1	default	1
2	Unclassified	0
3	wnam	0

Page 1 of 1 | Show 50 items

Displaying 1 - 3 of 3

## Edit AP Group Setting

### General Settings


Group Name:


Description:  (Optional)

### Radio1 Setting

OP Mode ☒ AP Mode ☐ MON Mode

Radio 1 Profile:

Output Power:  dBm (0~30) 


 Edit


#	SSID Profile
1	default
2	disable
3	disable
4	disable
5	disable
6	disable
7	disable
8	disable

### Radio2 Setting

OP Mode ☒ AP Mode ☐ MON Mode

Radio 2 Profile:

Output Power:  dBm (0~30) 

 Edit

#	SSID Profile
1	default
2	disable
3	disable
4	disable
5	disable
6	disable
7	disable
8	disable

### VLAN Settings

☐ Force Overwrite VLAN Config








Management VLAN ID:  (1~4094)

☒ As Native VLAN







### Port Settings

Model Specific Setting:

### Port Setting

 Edit  Activate  Inactivate			
#	Status	Port	PVID
1		uplink	n/a
2		lan1	1
3		lan2	1
4		lan3	1
Page 1 of 1   Show 50 items   Displaying 1 - 4 of 4			

### VLAN Configuration

 Add  Edit  Remove  Activate  Inactivate				
#	Status	Name	VID	Member
1		vlan0	1	lan1,lan2,lan3
Page 1 of 1   Show 50 items   Displaying 1 - 1 of 1				

### Load Balancing Setting

☐ Enable Load Balancing

Mode: By Station Number

Max Station Number: 10 (1~127)

☐ Disassociate station when overloaded

### AP List

Available

=== default ===  
AP-EC43F6FD291C(EC:43:F6:FD:29:1C)

Member

→

←

OK

Cancel

Override Member AP setting

```
! saved at 2017-09-18 12:12:41
! model: UAG5100
! firmware version: 4.18(AAPN.0)
!
interface-name ge1 wan1
interface-name ge2 wan2
interface-name ge3 lan1
interface-name ge4 lan2
interface-name ge5 dmz
!
aaa group server radius wnam
server encrypted-key $4$...
server acct-interim-interval 5
```

```
server acct-retry-count 3
server group-attribute 11
server timeout 5
server nas-ip 10.8.8.11
case-sensitive
server acct-secret ...
server acct-interim activate
server host 10.8.8.189 auth-port 1812
server acct-address 10.8.8.189 acct-port 1813
!
username admin encrypted-password $4... user-type admin
username radius-users user-type ext-user
username radius-users logon-re-auth-time 10
username radius-users logon-time-setting default
!
aaa authentication WNAM local group wnam
!
port-grouping lan1
port 3
!
port-grouping lan2
port 4
!
port-grouping dmz
port 5
!
account pppoe WAN1_PPPoE_ACCOUNT
!
account pppoe WAN2_PPPoE_ACCOUNT
!
ip dhcp pool Network_Pool_LAN1
network 172.16.0.0 255.255.0.0
default-router 172.16.0.1
first-dns-server Device
starting-address 172.16.0.20 pool-size 4096
lease 1 0 0
!
ip dhcp pool Network_Pool_LAN2
network 172.17.0.0 255.255.0.0
default-router 172.17.0.1
first-dns-server Device
starting-address 172.17.1.1 pool-size 4096
lease 1
!
ip dhcp pool Network_Pool_DMZ
network 172.18.0.0 255.255.0.0
default-router 172.18.0.1
first-dns-server Device
starting-address 172.18.1.1 pool-size 4096
lease 1
!
interface wan1
ip address 10.8.8.11 255.255.255.0
type external
ip gateway 10.8.8.254 metric 0
upstream 1048576
downstream 1048576
mtu 1500
!
interface wan2
ip address dhcp
type external
shutdown
!
interface lan1
ip address 172.16.0.1 255.255.0.0
ip dhcp-pool Network_Pool_LAN1
type internal
!
interface lan2
```

```
ip address 172.17.0.1 255.255.0.0
ip dhcp-pool Network_Pool_LAN2
type internal
shutdown
!
interface dmz
ip address 172.18.0.1 255.255.0.0
ip dhcp-pool Network_Pool_DMZ
type internal
shutdown
!
interface wan1_ppp
account WAN1_PPPOE_ACCOUNT
!
interface wan2_ppp
account WAN2_PPPOE_ACCOUNT
!
address-object LAN1_SUBNET interface-subnet lan1
address-object LAN2_SUBNET interface-subnet lan2
address-object DMZ_SUBNET interface-subnet dmz
address-object wnam 10.8.8.189
address-object Wan_subnet 172.16.0.0/16
!
object-group address WNAM_Group
address-object wnam
address-object Wan_subnet
!
service-object Any_UDP udp range 1 65535
service-object Any_TCP tcp range 1 65535
service-object AH protocol 51
service-object AIM tcp eq 5190
service-object NEW_ICQ tcp eq 5190
service-object AUTH tcp eq 113
service-object BGP tcp eq 179
service-object BOOTP_CLIENT udp eq 68
service-object BOOTP_SERVER udp eq 67
service-object CAPWAP-CONTROL udp eq 5246
service-object CAPWAP-DATA udp eq 5247
service-object CU_SEEME_TCP1 tcp eq 7648
service-object CU_SEEME_TCP2 tcp eq 24032
service-object CU_SEEME_UDP1 udp eq 7648
service-object CU_SEEME_UDP2 udp eq 24032
service-object DNS_TCP tcp eq 53
service-object DNS_UDP udp eq 53
service-object ESP protocol 50
service-object FINGER tcp eq 79
service-object FTP tcp range 20 21
service-object GRE protocol 47
service-object H323 tcp eq 1720
service-object HTTP tcp eq 80
service-object HTTPS tcp eq 443
service-object ICQ udp eq 4000
service-object IKE udp eq 500
service-object IMAP4 tcp eq 143
service-object IMAP4S tcp eq 993
service-object IP6to4 protocol 41
service-object IRC_TCP tcp eq 6667
service-object IRC_UDP udp eq 6667
service-object MSN tcp eq 1863
service-object MULTICAST protocol 2
service-object NEWS tcp eq 144
service-object NetBIOS_TCP1 tcp range 137 139
service-object NetBIOS_TCP2 tcp eq 445
service-object NetBIOS_UDP1 udp range 137 139
service-object NetBIOS_UDP2 udp eq 445
service-object NFS udp eq 2049
service-object NNTP tcp eq 119
service-object NTP udp eq 123
service-object PING icmp echo
service-object POP3 tcp eq 110
```

```
service-object POP3S tcp eq 995
service-object PPTP tcp eq 1723
service-object PPTP_TUNNEL protocol 47
service-object RCMD tcp eq 512
service-object RDP tcp eq 3389
service-object REAL-AUDIO tcp eq 7070
service-object REXEC tcp eq 514
service-object RLOGIN tcp eq 513
service-object ROADRUNNER_TCP tcp eq 1026
service-object ROADRUNNER_UDP udp eq 1026
service-object RTELNET tcp eq 107
service-object RTSP_TCP tcp eq 554
service-object RTSP_UDP udp eq 554
service-object SFTP tcp eq 115
service-object SMTP tcp eq 25
service-object SMTPS tcp eq 465
service-object SNMP_TCP tcp eq 161
service-object SNMP_UDP udp eq 161
service-object SNMP-TRAPS_TCP tcp eq 162
service-object SNMP-TRAPS_UDP udp eq 162
service-object SQL-NET tcp eq 1521
service-object SSDP udp eq 1900
service-object SSH_TCP tcp eq 22
service-object SSH_UDP udp eq 22
service-object STRMWORKS udp eq 1558
service-object SYSLOG udp eq 514
service-object TACACS udp eq 49
service-object TELNET tcp eq 23
service-object TFTP udp eq 69
service-object VDOLIVE tcp eq 7000
service-object VRRP protocol 112
service-object NATT udp eq 4500
service-object RIP udp eq 520
service-object OSPF protocol 89
service-object SIP udp eq 5060
service-object Kerberos-TCP tcp eq 88
service-object MS-RPC tcp eq 135
service-object LDAP-TCP tcp eq 389
service-object LPR tcp eq 515
service-object LDAPS-TCP tcp eq 636
service-object VNC5800 tcp eq 5800
service-object VNC5900 tcp eq 5900
service-object Kerberos-UDP udp eq 88
service-object LDAP-UDP udp eq 389
service-object LDAPS-UDP udp eq 636
service-object L2TP-UDP udp eq 1701
service-object RADIUS-AUTH udp eq 1812
service-object RADIUS-ACCT udp eq 1813
service-object BONJOUR udp eq 5353
service-object PRINTER_DISCOVER udp eq 8000
!
object-group service CU-SEEME
  service-object CU_SEEME_TCP1
  service-object CU_SEEME_TCP2
  service-object CU_SEEME_UDP1
  service-object CU_SEEME_UDP2
!
object-group service DNS
  service-object DNS_TCP
  service-object DNS_UDP
!
object-group service IRC
  service-object IRC_TCP
  service-object IRC_UDP
!
object-group service NetBIOS
  service-object NetBIOS_TCP1
  service-object NetBIOS_TCP2
  service-object NetBIOS_UDP1
  service-object NetBIOS_UDP2
```

```
!  
object-group service ROADRUNNER  
  service-object ROADRUNNER_TCP  
  service-object ROADRUNNER_UDP  
!  
object-group service RTSP  
  service-object RTSP_TCP  
  service-object RTSP_UDP  
!  
object-group service SNMP  
  service-object SNMP_TCP  
  service-object SNMP_UDP  
!  
object-group service SNMP-TRAPS  
  service-object SNMP-TRAPS_TCP  
  service-object SNMP-TRAPS_UDP  
!  
object-group service SSH  
  service-object SSH_TCP  
  service-object SSH_UDP  
!  
object-group service Default-Allow-WAN-To-Device  
  description System Default Allow From WAN To Device  
  service-object AH  
  service-object ESP  
  service-object HTTPS  
  service-object IKE  
  service-object NATT  
  service-object GRE  
  service-object VRRP  
!  
object-group service Default-Allow-DMZ-To-Device  
  description System Default Allow From DMZ To Device  
  object-group DNS  
  object-group NetBIOS  
  service-object PRINTER_DISCOVER  
!  
wlan-security-profile default  
  mode none  
  eap internal default  
  server-auth 1 activate  
  server-auth 1 ip address 10.8.8.189 port 1812 secret f...  
  mac-auth auth-method default  
  wpa-psk-encrypted $4$...  
!  
wlan-ssid-profile default  
  ssid WNAME  
  qos wmm  
  security default  
  bandselect mode disable  
  bandselect drop-probe-request 8  
  bandselect drop-authentication 3  
  bandselect time-out-period 120  
  bandselect check-sta-interval 600  
  bandselect min-sort-interval 300  
!  
wlan-monitor-profile default  
  activate  
  scan-method auto  
  scan-dwell 100  
!  
wlan-radio-profile default  
  role ap  
  band 2.4G band-mode bgn  
  2g-channel 6  
  ch-width 20/40  
  dtim-period 2  
  beacon-interval 100  
  ampdu  
  limit-ampdu 50000
```

```

rssi-dbm -76
rssi-kickout -105
rssi-interval 2
rssi-optype 3
rssi-retrycount 6
rssi-verifytime 10
rssi-privilegegetime 300
subframe-ampdu 32
amsdu
limit-amsdu 4096
block-ack
guard-interval short
tx-mask 7
rx-mask 7
dcs time-interval 720
dcs sensitivity-level high
dcs client-aware enable
dcs dcs-2g-method auto
dcs channel-deployment 3-channel
dcs dcs-5g-method auto
dcs dfs-aware enable
activate
dcs activate
!
wlan-radio-profile default2
role ap
band 5G band-mode an
2g-channel 6
ch-width 20/40
dtim-period 2
beacon-interval 100
ampdu
limit-ampdu 50000
rssi-dbm -76
rssi-kickout -105
rssi-interval 2
rssi-optype 3
rssi-retrycount 6
rssi-verifytime 10
rssi-privilegegetime 300
subframe-ampdu 32
amsdu
limit-amsdu 4096
block-ack
guard-interval short
tx-mask 7
rx-mask 7
dcs time-interval 720
dcs sensitivity-level high
dcs client-aware enable
dcs dcs-2g-method auto
dcs channel-deployment 3-channel
dcs dcs-5g-method auto
dcs dfs-aware enable
!
wlan-radio-profile Disabled-2G
role ap
band 2.4G band-mode bgn
2g-channel 6
ch-width 20
dtim-period 2
beacon-interval 100
ampdu
limit-ampdu 50000
rssi-dbm -76
rssi-kickout -105
rssi-interval 2
rssi-optype 3
rssi-retrycount 6
rssi-verifytime 10
```



```

rssi-privilegetime 300
subframe-ampdu 32
amsdu
limit-amsdu 4096
block-ack
guard-interval short
tx-mask 7
rx-mask 7
dcs time-interval 720
dcs sensitivity-level high
dcs client-aware enable
dcs dcs-2g-method auto
dcs channel-deployment 3-channel
dcs dcs-5g-method auto
dcs dfs-aware enable
!
wlan-radio-profile Disabled-5G
role ap
band 5G band-mode an
2g-channel 6
ch-width 20/40
dtim-period 2
beacon-interval 100
ampdu
limit-ampdu 50000
rssi-dbm -76
rssi-kickout -105
rssi-interval 2
rssi-optype 3
rssi-retrycount 6
rssi-verifytime 10
rssi-privilegetime 300
subframe-ampdu 32
amsdu
limit-amsdu 4096
block-ack
guard-interval short
tx-mask 7
rx-mask 7
dcs time-interval 720
dcs sensitivity-level high
dcs client-aware enable
dcs dcs-2g-method auto
dcs channel-deployment 3-channel
dcs dcs-5g-method auto
dcs dfs-aware enable
!
ap-group-profile default
lan-provision model nwa5301-nj lan1 activate pvid 1
lan-provision model nwa5301-nj lan2 activate pvid 1
lan-provision model nwa5301-nj lan3 activate pvid 1
lan-provision model nwa5301-nj vlan0 activate vid 1 join lan1 untag lan2 untag
lan3 untag
lan-provision model wac6502d-e lan1 activate pvid 1
lan-provision model wac6502d-e vlan0 activate vid 1 join lan1 untag
lan-provision model wac6502d-s lan1 activate pvid 1
lan-provision model wac6502d-s vlan0 activate vid 1 join lan1 untag
lan-provision model wac6503d-s lan1 activate pvid 1
lan-provision model wac6503d-s vlan0 activate vid 1 join lan1 untag
lan-provision model wac6553d-e lan1 activate pvid 1
lan-provision model wac6553d-e vlan0 activate vid 1 join lan1 untag
lan-provision model wac6103d-i lan1 activate pvid 1
lan-provision model wac6103d-i vlan0 activate vid 1 join lan1 untag
slot1 ap-profile default
slot1 ssid-profile 1 default
slot2 ap-profile default2
slot2 ssid-profile 1 default
load-balancing mode station
load-balancing max sta 10
load-balancing traffic level high

```

```

load-balancing alpha 5
load-balancing beta 10
load-balancing sigma 60
load-balancing timeout 20
load-balancing liInterval 10
load-balancing kickInterval 20
!
ap-group-profile Unclassified
  lan-provision model nwa5301-nj lan1 activate pvid 1
  lan-provision model nwa5301-nj lan2 activate pvid 1
  lan-provision model nwa5301-nj lan3 activate pvid 1
  lan-provision model nwa5301-nj vlan0 activate vid 1 join lan1 untag lan2 untag
  lan3 untag
  lan-provision model wac6502d-e lan1 activate pvid 1
  lan-provision model wac6502d-e vlan0 activate vid 1 join lan1 untag
  lan-provision model wac6502d-s lan1 activate pvid 1
  lan-provision model wac6502d-s vlan0 activate vid 1 join lan1 untag
  lan-provision model wac6503d-s lan1 activate pvid 1
  lan-provision model wac6503d-s vlan0 activate vid 1 join lan1 untag
  lan-provision model wac6553d-e lan1 activate pvid 1
  lan-provision model wac6553d-e vlan0 activate vid 1 join lan1 untag
  lan-provision model wac6103d-i lan1 activate pvid 1
  lan-provision model wac6103d-i vlan0 activate vid 1 join lan1 untag
slot1 ap-profile Disabled-2G
slot2 ap-profile Disabled-5G
load-balancing mode station
load-balancing max sta 10
load-balancing traffic level high
load-balancing alpha 5
load-balancing beta 10
load-balancing sigma 60
load-balancing timeout 20
load-balancing liInterval 10
load-balancing kickInterval 20
!
ap-group-profile wnam
  lan-provision model nwa5301-nj lan1 activate pvid 1
  lan-provision model nwa5301-nj lan2 activate pvid 1
  lan-provision model nwa5301-nj lan3 activate pvid 1
  lan-provision model nwa5301-nj vlan0 activate vid 1 join lan1 untag lan2 untag
  lan3 untag
  lan-provision model wac6502d-e lan1 activate pvid 1
  lan-provision model wac6502d-e vlan0 activate vid 1 join lan1 untag
  lan-provision model wac6502d-s lan1 activate pvid 1
  lan-provision model wac6502d-s vlan0 activate vid 1 join lan1 untag
  lan-provision model wac6503d-s lan1 activate pvid 1
  lan-provision model wac6503d-s vlan0 activate vid 1 join lan1 untag
  lan-provision model wac6553d-e lan1 activate pvid 1
  lan-provision model wac6553d-e vlan0 activate vid 1 join lan1 untag
  lan-provision model wac6103d-i lan1 activate pvid 1
  lan-provision model wac6103d-i vlan0 activate vid 1 join lan1 untag
slot2 ap-profile default2
slot1 output-power 30dBm
slot2 output-power 30dBm
slot1 ssid-profile 1 default
slot2 ssid-profile 1 default
slot1 ap-profile default
!
ap-group first-priority wnam
!
rogue-ap detection
  activate
!
rogue-ap containment
  no activate
!
no auto-healing activate
auto-healing healing-interval 10
auto-healing power-threshold -70
auto-healing healing-threshold -85

```

```
auto-healing margin 2
auto-healing healing-margin 10
!
capwap ap add EC:43:F6:FD:29:1C
!
ap-group-member default member EC:43:F6:FD:29:1C
!
capwap manual-add enable
capwap ap fallback disable
capwap ap fallback interval 30
!
capwap ap EC:43:F6:FD:29:1C
!
zone LAN1
    interface lan1
!
zone LAN2
    interface lan2
!
zone WAN
    interface wan1
    interface wan1_ppp
    interface wan2
    interface wan2_ppp
!
zone DMZ
    interface dmz
!
zone IPSec_VPN
!
ip dns security-options 1
    name Customize
    address-object-group any
!
ip dns security-options default
    name Default
    address-object-group any
!
ip http server
ip http authentication WNAM
!
ip http secure-server cert default
!
hostname uag5100
!
ip ssh server cert default
ip ssh server
!
console baud 115200
!
ip ftp server cert default
ip ftp server
!
ntp
!
snmp-server
!
package site official
!
session-limit activate
session-limit limit 256
!
auth-server authentication WNAM
!
idp signature update auto
!
idp signature update weekly sun 0
!
no bwm activate
!
```

```
no secure-policy activate
!
secure-policy 1
  from LAN1
  action allow
  name LAN1_Outgoing
!
secure-policy 2
  from LAN1
  to Device
  action allow
  name LAN1_to_Device
!
secure-policy 3
  from LAN2
  action allow
  name LAN2_Outgoing
!
secure-policy 4
  from LAN2
  to Device
  action allow
  name LAN2_to_Device
!
secure-policy 5
  from IPSec_VPN
  action allow
  name IPSec_VPN_Outgoing
!
secure-policy 6
  from IPSec_VPN
  to Device
  action allow
  name IPSec_VPN_to_Device
!
secure-policy 7
  from DMZ
  to Device
  action allow
  service Default-Allow-DMZ-To-Device
  name DMZ_to_Device
!
secure-policy 8
  from DMZ
  to WAN
  action allow
  name DMZ_to_WAN
!
secure-policy 9
  service Default-Allow-WAN-To-Device
  action allow
  from WAN
  to Device
  name WAN_to_Device
!
secure-policy default-rule action deny log
!
bwm 1
  no activate
  type per-user
  incoming-interface interface lan2
  outgoing-interface trunk SYSTEM_DEFAULT_WAN_TRUNK
  inbound guarantee-bandwidth 512 priority 4
  outbound guarantee-bandwidth 512 priority 4
!
alg ftp
alg ftp transformation
!
users retry-limit
users retry-count 5
```

```
users lockout-period 30
!
users update-lease automation
!
app-watch-dog activate
!
app-watch-dog interval 300
!
htm phase 1 add all
!
web-auth login setting
  logout-ip 1.1.1.1
!
web-auth type default-web-portal
!
web-auth type default-user-agreement
!
web-auth type profile WNAM
  type web-portal external
  web-portal login-url http://10.8.8.189/cp/zyxel
  web-portal welcome-url http://ya.ru
  web-portal session-url http://ya.ru
!
web-auth activate
!
web-auth exceptional-service DNS
!
web-auth policy 1
  activate
  authentication force
  authentication-type WNAM
  source Wan_subnet
!
web-auth policy 2
  activate
  authentication-type WNAM
  destination wnam
!
web-auth default-rule authentication required no log
!
ip ipnp activate
!
ip ipnp config
  interface lan2
!
walled-garden activate
!
walled-garden domain-ip rule 1
  activate
  type ip
  name wnam
  ip-address 10.8.8.189/24
!
billing wlan-ssid-profile default
!
billing profile billing_30mins
  price 0
  time-period minute 30
!
printer-manager button a billing_30mins
printer-manager button b billing_30mins
printer-manager button c billing_30mins
!
ip upnp
  upnp-igd activate
  listen-interface lan2
!
payment-service account-delivery onscreen activate
!
sms-service provider-select vianett
```

```
!  
l2-isolation activate  
!  
l2-isolation  
    interface lan2  
!  
free-time reset-register 00:00  
free-time time-period 30  
!  
wtp-logging system-log suppression  
!  
wtp-logging mail 1 category all level all  
wtp-logging mail 2 category all level all  
!  
no usb-storage activate  
no diag-info copy usb-storage  
!  
no logging usb-storage  
!  
logging system-log suppression  
!  
logging mail 1 category all level all  
!  
logging mail 2 category all level all  
!
```