

# Aruba 6.

7210 WNAM 1.3

1 :

The screenshot shows the Aruba Mobility Controller interface. The top navigation bar includes 'aruba NETWORKS' logo, 'MOBILITY CONTROLLER | 7210', and tabs for 'Dashboard', 'Monitoring', 'Configuration' (which is selected and highlighted in orange), 'Diagnostics', 'Maintenance', and 'Save Configuration'. On the left, a sidebar menu lists 'WIZARDS' (AP, Controller, Campus WLAN, Remote AP, AirWave), 'NETWORK' (Controller, VLANs, Ports, Cellular Profile, IP), 'SECURITY' (Authentication, Access Control), 'WIRELESS' (selected), and 'MANAGEMENT' (General). Under 'WIRELESS', the 'AP Configuration' link is also highlighted in orange. The main content area is titled 'Configuration > AP Group' and contains two tabs: 'AP Group' (selected) and 'AP Specific'. Below these tabs is a table with several rows, each with a 'Delete' button on the right. At the bottom left of the table is a red-bordered 'New' button, and at the bottom center is the number '2.'.

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**aruba** NETWORKS MOBILITY CONTROLLER | 7210

Dashboard Monitoring Configuration Diagnostics Maintenance Save Configuration

**WIZARDS**

- AP
- Controller
- Campus WLAN
- Remote AP
- AirWave

**NETWORK**

- Controller
- VLANs
- Ports
- Cellular Profile
- IP

**SECURITY**

- Authentication
- Access Control

**WIRELESS**

- > **AP Configuration**
- AP Installation

**MANAGEMENT**

- General

**Configuration > AP Group**

**AP Group** AP Specific

1.  2.

**Delete** **Delete** **Delete** **Delete** **Delete** **Delete** **Delete** **Delete**

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**aruba** NETWORKS MOBILITY CONTROLLER | 7210

Dashboard Monitoring Configuration Diagnostics Maintenance Save Configuration

**WIZARDS**

- AP
- Controller
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- Remote AP
- AirWave

**NETWORK**

- Controller
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- IP

**SECURITY**

- > **Authentication**
- Access Control

**WIRELESS**

- AP Configuration
- AP Installation

**MANAGEMENT**

- General
- Administration
- Certificates
- SNMP
- Logging
- Clock

**Security > Authentication > Servers**

**Servers** AAA Profiles L2 Authentication L3 Authentication User Rules Advanced

Server Group

+ RADIUS Server  
+ LDAP Server  
+ Internal DB  
+ Tacacs Accounting Server  
+ TACACS Server  
+ XML API Server  
+ RFC 3576 Server  
+ Windows Server

**Server Group**

Instance

4 :

The screenshot shows the Aruba Mobility Controller Configuration interface. The top navigation bar includes Dashboard, Monitoring, Configuration (selected), Diagnostics, Maintenance, and Save Configuration. The left sidebar contains a tree view of configuration categories: WIZARDS, AP, Controller, Campus WLAN, Remote AP, AirWave; NETWORK, Controller, VLANs, Ports, Cellular Profile, IP; SECURITY, Authentication (selected), Access Control; WIRELESS, AP Configuration, AP Installation; MANAGEMENT, General, Administration, Certificates, SNMP, Logging, Clock, Guest Provisioning, Captive Portal, SMTP, Bandwidth Calculator, Threshold.

The main content area is titled "Security > Authentication > Servers". It has tabs for Servers, AAA Profiles, L2 Authentication, L3 Authentication, User Rules, and Advanced. The "Servers" tab is selected. On the left, there is a tree view under "Servers": "Server Group" (expanded) and "RADIUS Server" (expanded). Under "RADIUS Server", there are icons for LDAP Server, Internal DB, Tacacs Accounting Server, TACACS Server, XML API Server, RFC 3576 Server, and Windows Server. On the right, a "RADIUS Server" panel is shown with a table titled "Instance". The table has one row with the value "wnam\_srv" in the "Instance" column and an "Add" button. A red box highlights the "Add" button.

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Configuration | Diagnostics | Maintenance | Save Configuration

Security > Authentication > Servers

Servers AAA Profiles L2 Authentication L3 Authentication User Rules Advanced

Server Group

RADIUS Server > wnam\_svr

Host	WNAM IP x.x.x.x
Key	***** Retype: *****
CPPM credentials	cppm_username cppm_password Retype:
Auth Port	1812
Acct Port	1813
Radsec Port	2083
Retransmits	3
Timeout	5 sec
NAS ID	Aruba
NAS IP	Aruba controller IP x.x.x.x
Enable IPv6	<input type="checkbox"/>
NAS IPv6	<input type="checkbox"/>
Source Interface	vlanid ipaddr
Use MDS	<input type="checkbox"/>
Use IP address for calling station ID	<input type="checkbox"/>
Mode	<input checked="" type="checkbox"/>
Lowercase MAC addresses	<input type="checkbox"/>
MAC address delimiter	colon
Service-type of FRAMED-USER	<input type="checkbox"/>
Radsec	<input type="checkbox"/>
Radsec Trusted CA Name	<input type="checkbox"/>
Radsec Server Cert Name	<input type="checkbox"/>
Radsec Client Cert	<input type="checkbox"/>
called-station-id	csid_type: macaddr include_ssid: enable csid_delimiter: colon

Show Reference | Save As | Reset

- LDAP Server
- Internal DB
- Tacacs Accounting Server
- TACACS Server
- XML API Server
- RFC 3576 Server
- Windows Server
- Tacacs Accounting Server
- TACACS Server
- XML API Server
- RFC 3576 Server
- Windows Server

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aruba MOBILITY CONTROLLER | 7210 Log out admin

Dashboard | Monitoring | Configuration | Diagnostics | Maintenance | Save Configuration

WIZARDS

AP Controller Campus WLAN Remote AP AirWave

NETWORK Controller VLANs Ports Cellular Profile IP

SECURITY > Authentication

Access Control

WIRELESS AP Configuration AP Installation

MANAGEMENT General Administration Certificates SNMP Logging Clock Guest Provisioning Captive Portal SMTP Bandwidth Calculators Threshold

ADVANCED SERVICES Redundancy AirGroup IP Mobility Stateful Firewall External Services VPN Services Wired Access

Server Group > wnam\_ae

Fail Through Load Balance

Servers

Name	Server-Type	trim-FQDN	Match-Rule
Internal (Local)	<input type="checkbox"/>	Match Type: AuthString Operator: contains Match String: <input type="text"/>	Add Rule Delete Rule
Internal (Local)	<input type="checkbox"/>		
wnam_svr (Radius)	<input type="checkbox"/>		

Server Rules

Priority	Attribute	Operation	Operand	Type	Action	Value	Validated
New	<input type="button" value="A"/>	<input type="button" value="Delete"/>					

Commands

Apply | View Commands

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Dashboard Monitoring Configuration Diagnostics Maintenance Save Configuration

**WIZARDS**

- AP Controller
- Campus WLAN
- Remote AP
- AirWave

**NETWORK**

- Controller
- VLANs
- Ports
- Cellular Profile
- IP

**SECURITY**

- > **Authentication**
- Access Control

**WIRELESS**

- AP Configuration
- AP Installation

**MANAGEMENT**

- General
- Administration
- Certificates
- SNMP
- Logging
- Clock
- Guest Provisioning
- Captive Portal
- SMTP
- Bandwidth Calculator
- Threshold

**ADVANCED SERVICES**

- Redundancy
- AirGroup
- IP Mobility
- Stateful Firewall
- External Services
- VPN Services
- Wired Access
- All Profiles

**Configuration > Authentication > Servers**

Servers AAA Profiles L2 Authentication L3 Authentication User Rules Advanced

RFC 3576 Server > wnac controller x.x.x.x

Key:  Rethype:

Radsec:

wnac controller x.x.x.x

Windows Server

Commands

Save Apply View Commands

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Dashboard Monitoring Configuration Diagnostics Maintenance Save Configuration

**WIZARDS**

- AP Controller
- Campus WLAN
- Remote AP
- AirWave

**NETWORK**

- Controller
- VLANs
- Ports
- Cellular Profile
- IP

**SECURITY**

- > **Authentication**
- Access Control

**WIRELESS**

- AP Configuration
- AP Installation

**MANAGEMENT**

- General
- Administration
- Certificates

**Configuration > Authentication > Servers**

Servers AAA Profiles L2 Authentication L3 Authentication User Rules Advanced

RFC 3576 Server

Insta:

WNAM controller x.x.x.x Add

Server Group

RADIUS Server

LDAP Server

Internal DB

Tacacs Accounting Server

TACACS Server

XML API Server

RFC 3576 Server

Windows Server

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**aruba MOBILITY CONTROLLER | 7210**

Dashboard | Monitoring | **Configuration** | Diagnostics | Maintenance | Save Configuration

**WIZARDS**

- AP Controller
- Campus WLAN
- Remote AP
- AirWave

**NETWORK**

- Controller
- VLANs
- Ports
- Cellular Profile
- IP

**SECURITY**

- > **Authentication**
- Access Control

**WIRELESS**

- AP Configuration
- AP Installation

**MANAGEMENT**

- General
- Administrations

**Security > Authentication > Profiles**

Servers AAA Profiles L2 Authentication L3 Authentication User Rules Advanced

**AAA Profiles Summary**

Name	Role	MAC Auth.	802.1x Auth.	RADIUS Acct.	XML-API Auth.
wnam_aaa_profile	guest				

1. Add

2. wnam\_aaa\_profile

3. Add Cancel

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**aruba MOBILITY CONTROLLER | 7210**

Dashboard | Monitoring | Configuration | Diagnostics | Maintenance | Save Configuration | Log out admin

**WIZARDS**

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**SECURITY**

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**WIRELESS**

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- AP Installation

**MANAGEMENT**

- General
- Administrations
- Certificates
- SNMP
- Logging
- Clock
- Guest Provisioning
- Captive Portal
- SMTP
- Bandwidth Calculator
- Threshold

**ADVANCED SERVICES**

- Redundancy
- AirGroup
- IP Mobility
- Stateful Firewall
- External Services
- VPN Services
- Wired Access

**Security > Authentication > Profiles**

Servers AAA Profiles L2 Authentication L3 Authentication User Rules Advanced

**AAA Profile > wnam\_aaa\_profile**

Show Reference Save As Reset

Initial role: WNAM\_role guest

MAC Authentication Default Role: guest

802.1X Authentication Default Role: guest

Download Role from CPPN:

L2 Authentication Fall Through:

Multiple Server Accounting:

User idle timeout:  Enable seconds: 2

Max IPv4 for wireless user: 2

RADIUS Interim Accounting:

User derivation rules: --NONE--

Wired to Wireless Roaming:

SIP authentication role: --NONE--

Device Type Classification:

Enforce DHCP:

PAN Firewall Integration:

Open SSID radius accounting:

Commands Apply View Commands

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Dashboard Monitoring Configuration Diagnostics Maintenance Save Configuration

**WIZARDS**

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**SECURITY**

- > **Authentication**
  - Access Control

**WIRELESS**

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- AP Installation

**MANAGEMENT**

- General
- Administration
- Certificates

SNMP Logging Clock

Guest Provisioning Captive Portal SMTP Bandwidth Calculator Threshold

**ADVANCED SERVICES**

- Redundancy
- AirGroup
- IP Mobility
- Stateful Firewall

**Security > Authentication > Profiles**

Servers AAA Profiles L2 Authentication L3 Authentication User Rules Advanced

**MAC Authentication Server Group > default**

Fail Through	default
Load Balance	
<b>Servers</b>	wnam_au
--NEW--	

AAA

- 21vvc
- ARUBA-DEMO-aaa\_prof
- aug4
- corpnet
- default
- default-dot1x
- default-dot1x-psk
- default-mac-auth
- default-open
- default-xml-api
- guestnet
- guestneton
- MirVodnyhIgrushok
- NoAuthAAAProfile
- photonet
- whirl
- whirlcp
- vnam\_saa\_profile**

MAC Authentication

- MAC Authentication Server Group default
- 802.1X Authentication
- 802.1X Authentication Server Group

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Dashboard Monitoring Configuration Diagnostics Maintenance Save Configuration

**WIZARDS**

- AP Controller
- Campus WLAN
- Remote AP
- AirWave

**NETWORK**

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**SECURITY**

- > **Authentication**
  - Access Control

**WIRELESS**

- AP Configuration
- AP Installation

**MANAGEMENT**

- General
- Administration
- Certificates

SNMP Logging Clock

Guest Provisioning Captive Portal SMTP Bandwidth Calculator Threshold

**ADVANCED SERVICES**

- Redundancy
- AirGroup
- IP Mobility

**Security > Authentication > Profiles**

Servers AAA Profiles L2 Authentication L3 Authentication User Rules Advanced

**RADIUS Accounting Server Group > default**

Fail Through	default
Load Balance	
<b>Servers</b>	wnam_au
--NEW--	

AAA

- aug4
- corpnet
- default
- default-dot1x
- default-dot1x-psk
- default-mac-auth
- default-open
- default-xml-api
- guestnet
- guestneton
- MirVodnyhIgrushok
- NoAuthAAAProfile
- photonet
- whirl
- whirlcp
- vnam\_saa\_profile**

MAC Authentication

- MAC Authentication Server Group vnam\_au
- 802.1X Authentication
- 802.1X Authentication Server Group

RADIUS Accounting Server Group default

- XML API server
- RFC 3576 server

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aruba MOBILITY CONTROLLER | 7210

Dashboard | Monitoring | Configuration | Diagnostics | Maintenance | Save Configuration

**WIZARDS**

- AP Controller
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**SECURITY**

- > **Authentication**
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- General
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- SNMP
- Logging
- Clock
- Guest Provisioning
- Captive Portal
- SMTP
- Bandwidth Calculator
- Threshold

**ADVANCED SERVICES**

- Redundancy
- AirGroup
- IP Mobility

**Security > Authentication > Profiles**

Servers AAA Profiles L2 Authentication L3 Authentication User Rules Advanced

**RFC 3576 servers**

Name	
default	
default-dot1x	
default-dot1x-psk	
default-mac-auth	
default-open	
default-xmi-api	
guestnet	
guesstnet	
MirVodnyhIgrushek	
NoAuthAAAProfile	
photonet	
whirl	
whirlcp	
vnam_aaa_profile	MAC Authentication
	MAC Authentication Server Group wnam_au
	802.1X Authentication
	802.1X Authentication Server Group
	RADIUS Accounting Server Group wnam_au
	XML API server
	RFC 3576 server

Add a profile  1.

--NEW--

**RFC 3576 server > X.X.X.X wnam ip**

Key	<input type="text"/> Retype: <input type="text"/>
Radsec	<input type="checkbox"/>

2.

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NETWORKS MOBILITY CONTROLLER | 7210

Dashboard Monitoring Configuration Diagnostics Maintenance Save Configuration

WIZARDS  
 AP Controller Campus WLAN Remote AP AirWave  
 NETWORK Controller VLANs Ports Cellular Profile IP  
 SECURITY Authentication Access Control  
 WIRELESS AP Configuration AP Installation  
 MANAGEMENT General Administration Certificates SNMP Logging Clock Guest Provisioning Captive Portal SMTP Bandwidth Calculator Threshold  
 ADVANCED SERVICES Redundancy AirGroup IP Mobility  
 > Stateful Firewall External Services VPN Services

**Advanced Services > Stateful Firewall > Destinations**

Global Setting	ACL White List	White List BW Contracts	Network Services	Destination
Name				
<input type="button" value="Add"/> 1.				

**Add Rule**

Rule Type	host
IP Address	wnam ip X.X.X.X

Add Cancel 2.

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**aruba** MOBILITY CONTROLLER | 7210

Dashboard Monitoring Configuration Diagnostics Maintenance Save Configuration

**WIZARDS**

- AP Controller
- Campus WLAN
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- AirWave

**NETWORK**

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- VLANs
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- IP

**SECURITY**

> **Authentication**

- Access Control

**WIRELESS**

- AP Configuration
- AP Installation

**MANAGEMENT**

- General
- Administration
- Certificates
- SNMP
- Logging

**Security > Authentication > L3 Authentication**

Servers AAA Profiles L2 Authentication **L3 Authentication** User Rules Advanced

Captive Portal Authentication

**Captive Portal Authentication Profile**

Instance

wnam\_captive\_portal **Add**

WISPr Authentication

VPN Authentication

Stateful NTLM Authentication

Stateful Kerberos Authentication

## 16 L3 captive portal:

**aruba** MOBILITY CONTROLLER | 7210

Dashboard | Monitoring | Configuration | Diagnostics | Maintenance | Save Configuration

**WIZARDS**

- AP Controller
- Campus WLAN
- Remote AP
- AirWave
- NETWORK Controller
- VLANs Ports
- Cellular Profile
- IP

**SECURITY**

- Authentication**
  - Access Control
  - WIRELESS
  - AP Configuration
  - AP Installation
- MANAGEMENT
- General Administration Certificates
- SNMP Logging Clock
- Guest Provisioning
- Captive Portal
- SMTP Bandwidth Calculator Threshold
- ADVANCED SERVICES Redundancy AirGroup IP Mobility Stateful Firewall

**Configuration** | **Diagnostics** | **Maintenance** | **Save Configuration**

**Security > Authentication > L3 Authentication**

Servers | AAA Profiles | L2 Authentication | **L3 Authentication** | User Rules | Advanced

**Captive Portal Authentication Profile > wnam\_captive\_portal**

Show Reference | Save As | Reset

Default Role	guest
Default Guest Role	guest
Redirect Pause	2 sec
User Login	<input checked="" type="checkbox"/>
Guest Login	<input checked="" type="checkbox"/>
Logout popup window	<input type="checkbox"/>
Use HTTP for authentication	<input checked="" type="checkbox"/>
Logon wait minimum wait	5 sec
Logon wait maximum wait	10 sec
logon wait CPU utilization threshold	60 %
Max Authentication failures	0
Show FQDN	<input type="checkbox"/>
Authentication Protocol	PAP
Login page	wnam IP /cp/aruba?welcome
Welcome page	wnam IP /cp/aruba?welcome
Show Welcome Page	<input type="checkbox"/>
Add switch IP address in the redirection URL	<input checked="" type="checkbox"/>
Adding user vlan in redirection URL	<input checked="" type="checkbox"/>
Add a controller interface in the redirection URL	Address: Aruba controller IP
Allow only one active user session	<input type="checkbox"/>
White List	wnam_destination <input type="button" value="Delete"/> <input type="button" value="Add"/>
Black List	<input type="button" value="Delete"/> <input type="button" value="Add"/> apple
Show the acceptable use policy page	<input type="checkbox"/>
User idle timeout	<input checked="" type="checkbox"/> Enabled seconds: <input type="text"/>
Redirect URL	admin
Bypass Apple Captive Network Assistant	<input checked="" type="checkbox"/>
URL Hash Key	***** Retype:

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Dashboard | Monitoring | **Configuration** | Diagnostics | Maintenance | Save Configuration

### WIZARDS

- AP
- Controller
- Campus WLAN
- Remote AP
- AirWave

### NETWORK

- Controller
- VLANs
- Ports
- Cellular Profile
- IP

### SECURITY

- Authentication
- > **Access Control**

### WIRELESS

- AP Configuration
- AP Installation

### MANAGEMENT

- General
- Administration

**Security > Access Control > User Roles**

User Roles	System Roles	Policies	Time Ranges	Guest Access
<b>Add</b>				

18 wnam\_role policy:

aruba MOBILITY CONTROLLER | 7210 | Log out admin

Dashboard | Monitoring | Configuration | Diagnostics | Maintenance | Save Configuration

Security > User Roles > Add Role

User Roles	System Roles	Policies	Time Ranges	Guest Access

**Firewall Policies**

Name	Rule Count	Location
wnam_captive_portal_list_operations	2	
global-sad	0	
asperf-WNAM_role-sad	0	
<b>WNAM_policy</b>	5	
captiveportal	7	
logon-control	7	
vd-logon-control	7	
captiveportals	6	

**Bandwidth Contracts**

**Misc. Configuration**

Role Name	WNAM_role
Re-authentication Interval	0 minutes (0 disables re-authentication. A positive value enables authentication 0-4096)
Role VLAN ID	Not Assigned
VPN Dialer	Not Assigned
L2TP Pool	Not Assigned (default-l2tp-pool)
PPTP Pool	Not Assigned (default-pptp-pool)
Captive Portal Profile	wnam_captive_portal
Captive Portal Check for Accounting	✓
Max Sessions	0 (0 - 65535)
idp profile name	none
Stateful NTLM Profile	Not Assigned
Stateful Kerberos Profile	Not Assigned
WISPR Profile	Not Assigned
Enable Deep Packet Inspection	✓
Enable Web Content Classification	✓

**Commands**

View Commands

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**aruba MOBILITY CONTROLLER | 7210**

Dashboard | Monitoring | Configuration | Diagnostics | Maintenance | Save Configuration | Log out admin

WIZARDS AP Controller Campus WLAN Remote AP AirWave NETWORK Controller VLANs Ports Cellular Profile IP SECURITY Authentication Access Control WIRELESS AP Configuration AP Installation MANAGEMENT General

**Security > Firewall Policies > Edit Session (WNAM\_policy)**

User Roles | System Roles | Policies | Time Ranges | Guest Access | Back

**Rules**

IP Version	Source	Destination	Service/Application	Action	Log	Mirror	Queue	Time Range	Pause ARM Scanning	BlackList	Classify Media	TOS	802.1p Priority
IPv4	user	wnam_destination	svc-ntp	permit			Low						
IPv4	user	wnam_destination	svc-https	permit			Low						
IPv4	any	any	svc-dhcp	permit			Low						
IPv4	any	any	svc-dns	permit			Low						
IPv4	user	controller	svc-https	permit			Low						

Add | A | V | Delete | Note: Application/Web category rule will not be applied to unsupported platform | Apply | Commands | View Commands

## 20 captive portal policy:

**aruba MOBILITY CONTROLLER | 7210**

Dashboard | Monitoring | Configuration | Diagnostics | Maintenance | Save Configuration | Log out admin

WIZARDS AP Controller Campus WLAN Remote AP AirWave NETWORK Controller VLANs Ports Cellular Profile IP SECURITY Authentication Access Control WIRELESS AP Configuration AP Installation MANAGEMENT General

**Security > Firewall Policies > Edit Session (captiveportal)**

User Roles | System Roles | Policies | Time Ranges | Guest Access | Back

**Rules**

IP Version	Source	Destination	Service/Application	Action	Log	Mirror	Queue	Time Range	Pause ARM Scanning	BlackList	Classify Media	TOS	802.1p Priority
IPv4	any	cp.wi-fi-bar.com	any	permit			Low						
IPv4	user	controller	svc-https	dst-nat 8081			Low						
IPv4	user	any	svc-ntp	dst-nat 8080			Low						
IPv4	user	any	svc-https	dst-nat 8081			Low						
IPv4	user	any	svc-https-proxy1	dst-nat 8088			Low						
IPv4	user	any	svc-https-proxy2	dst-nat 8088			Low						
IPv4	user	any	svc-https-proxy3	dst-nat 8088			Low						

Add | A | V | Delete | Note: Application/Web category rule will not be applied to unsupported platform | Apply | Commands | View Commands

## 21 logon-control policy:

**aruba MOBILITY CONTROLLER | 7210**

Dashboard | Monitoring | Configuration | Diagnostics | Maintenance | Save Configuration | Log out admin

WIZARDS AP Controller Campus WLAN Remote AP AirWave NETWORK Controller VLANs Ports Cellular Profile IP SECURITY Authentication Access Control WIRELESS AP Configuration AP Installation MANAGEMENT General

**Security > Firewall Policies > Edit Session (logon-control)**

User Roles | System Roles | Policies | Time Ranges | Guest Access | Back

**Rules**

IP Version	Source	Destination	Service/Application	Action	Log	Mirror	Queue	Time Range	Pause ARM Scanning	BlackList	Classify Media	TOS	802.1p Priority
IPv4	user	any	udp 68	deny			Low						
IPv4	any	any	svc-dnsmasq	permit			Low						
IPv4	any	any	svc-dns	permit			Low						
IPv4	any	any	svc-dhcp	permit			Low						
IPv4	any	any	svc-natt	permit			Low						
IPv4	any	169.254.0.255-255.0.0	any	deny			Low						
IPv4	any	240.0.0.240-0.0.0	any	deny			Low						

Add | A | V | Delete | Note: Application/Web category rule will not be applied to unsupported platform | Apply | Commands | View Commands

## 22 guest policy:

**aruba MOBILITY CONTROLLER | 7210**

Dashboard | Monitoring | Configuration | Diagnostics | Maintenance | Save Configuration | Log out admin

WIZARDS AP Controller Campus WLAN Remote AP AirWave NETWORK Controller VLANs Ports Cellular Profile IP SECURITY Authentication > Access Control WIRELESS AP Configuration AP Installation MANAGEMENT General Administration Certificates SNMP Logging Clock Guest Provisioning Captive Portal SMTP Bandwidth Calculator Threshold ADVANCED SERVICES

**Security > User Roles > Edit Role(guest)**

User Roles | System Roles | Policies | Time Ranges | Guest Access | Back

**Firewall Policies**

Name	Rule Count	Location
global-sad	0	
ap09-guest-sad	0	
ra-guard	1	
http-ad	1	
https-ad	1	
dhcp-ad	1	
icmp-ad	1	
dns-ad	1	
ve-https-ad	1	
ve-https-ad	1	
ve-shor-ad	1	
ve-ic平-ad	1	
ve-dns-ad	1	
wnam_access	1	

Add | A | V | Delete | Commands | View Commands

**Misc. Configuration**

Re-authentication Interval	0 minutes (0 disables re-authentication. A positive value enables authentication 0-4096)
Role VLAN ID	Not Assigned
VPN Dialer	Not Assigned
L2TP Pool	Not Assigned (default-l2tp-pool)
PPTP Pool	Not Assigned (default-pptp-pool)
Captive Portal Profile	Not Assigned
Captive Portal Check for Accounting	<input checked="" type="checkbox"/>
Max Sessions	65535 (0 - 65535)
idp profile name	none
Stateful NTLM Profile	Not Assigned
Stateful Kerberos Profile	Not Assigned
WISPr Profile	Not Assigned
Enable Deep Packet Inspection	<input checked="" type="checkbox"/>
Enable Web Content Classification	<input checked="" type="checkbox"/>
Enable YouTube Education	<input type="checkbox"/>

Apply | Commands | View Commands

## 23 wnam\_access guest policy:

**aruba** MOBILITY CONTROLLER | 7210 [Log out admin](#)

Dashboard | Monitoring | **Configuration** | Diagnostics | Maintenance | Save Configuration

WIZARDS  
AP Controller Campus WLAN Remote AP AirWave  
NETWORK Controller VLANs Ports Cellular Profile IP SECURITY Authentication > **Access Control**  
WIRELESS AP Configuration AP Installation MANAGEMENT General

Security > User Roles > Edit Role(guest) > Edit Session (wnam\_access)

User Roles | System Roles | Policies | Time Ranges | Guest Access | [« Back](#)

**Rules**

IP Version	Source	Destination	Service/Application	Action	Log	Mirror	Queue	Time Range	Pause ARM Scanning	BlackList	Classify Media	TOS	802.1p Priority
IPv4	user	host wnam ip x.x.x.x	svc-http	permit			Low						

Add | [A](#) | [V](#) | Delete

Note: Application/Web category rule will not be applied to unsupported platform

[Done](#)

24 IP Radius client:

**aruba** MOBILITY CONTROLLER | 7210 [Log out admin](#)

Dashboard | Monitoring | **Configuration** | Diagnostics | Maintenance | Save Configuration

WIZARDS  
AP Controller Campus WLAN Remote AP AirWave  
NETWORK Controller VLANs Ports Cellular Profile IP SECURITY > **Authentication** Access Control  
WIRELESS AP Configuration AP Installation MANAGEMENT General Administration Certificates SNMP Logging Clock Guest Provisioning Captive Portal SMTP

Security > Authentication > Advanced

**Authentication Timers**

User Idle Timeout	300	sec
Authentication Server Dead Time (min)	10	
Logon User Lifetime (min)	5	
User Interim stats frequency	600	sec

**RADIUS Client**

NAS IPv4 Address	ip aruba для связи с WNAM
Source Interface v4	<input type="button" value="&lt;--"/> None
NAS IPv6 Address	::1
Source Interface v6	<input type="button" value="::"/> None

**DNS Query Interval**

DNS Query Interval (min)	15
--------------------------	----

**Survivability**

Enable Auth Survivability	<input type="checkbox"/>
Server Certificate	N/A
Cache Lifetime (hrs)	24

**Commands**

25 :

**aruba** NETWORKS MOBILITY CONTROLLER | 7210

Dashboard | Monitoring | **Configuration** | Diagnostics | Maintenance | Save Configuration

**WIZARDS**

- AP
- Controller
- Campus WLAN
- Remote AP
- AirWave

**NETWORK**

- Controller
- VLANs
- Ports
- Cellular Profile
- IP

**SECURITY**

- Authentication
- Access Control

**WIRELESS**

- > **AP Configuration**
- AP Installation

**MANAGEMENT**

- General
- Administration

**New**

wnam\_auth

Add Cancel

26 wnam\_auth:

MOBILITY CONTROLLER | 7210 Log out admin

Dashboard | Monitoring | Configuration | Diagnostics | Maintenance | Save Configuration

**WIZARDS**

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- AP Installation

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- General
- Administration
- Certificates
- SNMP
- Logging
- Clock
- Guest Provisioning
- Captive Portal
- SMTP
- Bandwidth Calculator
- Threshold

**ADVANCED SERVICES**

- Redundancy
- AirGroup
- IP Mobility
- Stateful Firewall
- External Services
- VPN Services
- Wired Access

**Profiles**

Wireless LAN
<input type="checkbox"/> RF Management
<input type="checkbox"/> RF Beacon
<input type="checkbox"/> QoS
<input type="checkbox"/> IDS
<input type="checkbox"/> Mesh

**Virtual APs**

Name	AAA Profile	SSID Profile	VLAN	Forward mode	Virtual AP enable	Actions
wnam_auth						<input type="button" value="Add"/>

Add a profile wnam\_auth

**Profile Details**

**Commands**

Apply View Commands