

Ruckus ZD1200 Configurations:

*The Radius CoA option is enabled by default.

*I used default configuration of ZD except the AAA Servers and SSID pages.

Here you can find info how to configure the AAA Servers and SSID pages:

Ruckus 1200 AAA Servers configuration:

RADIUS configuration for authentication

The screenshot displays the Ruckus ZoneDirector configuration interface. The top navigation bar includes the Ruckus logo, the text "ZoneDirector - Ruckus-NTN", and a timestamp "2016/06/08 12:18:08" along with links for "Help", "Toolbox", and "Log Out (adm)". Below the navigation bar are tabs for "Dashboard", "Monitor", "Configure", and "Administer". The left sidebar contains a menu with various system settings, with "AAA Servers" highlighted. The main content area is titled "Authentication/Accounting Servers" and contains a table listing authentication mechanisms. A table with one row shows a RADIUS server named "ISE-249". Below the table, the configuration for "ISE-249" is shown in an "Editing" mode. The configuration includes fields for Name, Type (RADIUS selected), Encryption (TLS), Auth Method (PAP selected), Backup RADIUS (Enable Backup RADIUS support), IP Address* (10.10.13.249), Port* (1812), Shared Secret*, Confirm Secret*, Retry Policy (Request Timeout* 3 seconds, Max Number of Retries* 2 times), and OK/Cancel buttons.

2016/06/08 12:18:08 | Help | Toolbox | Log Out (adm)

Dashboard Monitor **Configure** Administer

Authentication/Accounting Servers

Authentication/Accounting Servers

This table lists all authentication mechanisms that can be used whenever authentication is needed.

<input type="checkbox"/>	Name	Type	Actions
<input type="checkbox"/>	ISE-249	RADIUS	Edit Clone

Editing (ISE-249)

Name:

Type: Active Directory LDAP RADIUS RADIUS Accounting TACACS+

Encryption: TLS

Auth Method: PAP CHAP

Backup RADIUS: Enable Backup RADIUS support

IP Address*:

Port*:

Shared Secret*:

Confirm Secret*:

Retry Policy

Request Timeout*: seconds

Max Number of Retries*: times

OK Cancel

RADIUS configuration for accounting:

The screenshot shows the Ruckus ZoneDirector configuration interface. The top navigation bar includes the Ruckus logo, the product name 'ZoneDirector - Ruckus-NTN', and a timestamp '2016/06/08 12:19:58' along with links for 'Help', 'Toolbox', and 'Log'. Below this is a secondary navigation bar with 'Dashboard', 'Monitor', 'Configure', and 'Administer' tabs. A left-hand sidebar lists various system components such as System, WLANs, Access Points, Access Control, Maps, Roles, Users, Guest Access, Hotspot Services, Hotspot 2.0 Services, Mesh, AAA Servers, DHCP Relay, Alarm Settings, Services, WIPS, Certificate, and Bonjour Gateway. The main content area is titled 'Authentication/Accounting Servers' and contains a table of existing servers. Below the table is a form for editing the 'ISE-249-Acc' server, where the 'Type' is set to 'RADIUS Accounting' and various parameters like IP Address, Port, Shared Secret, and Retry Policy are configured.

Authentication/Accounting Servers

This table lists all authentication mechanisms that can be used whenever authentication is needed.

<input type="checkbox"/>	Name	Type	Actions
<input type="checkbox"/>	ISE-249	RADIUS	Edit Clone
<input type="checkbox"/>	ISE-249-Acc	RADIUS Accounting	Edit Clone

Editing (ISE-249-Acc)

Name:

Type: Active Directory LDAP RADIUS RADIUS Accounting TACACS+

Encryption: TLS

Backup RADIUS: Enable Backup RADIUS Accounting support

IP Address*:

Port*:

Shared Secret*:

Confirm Secret*:

Retry Policy

Request Timeout*: seconds

Max Number of Retries*: times

Guest SSID configuration:



- System
- WLANs**
- Access Points
- Access Control
- Maps
- Roles
- Users
- Guest Access
- Hotspot Services
- Hotspot 2.0 Services
- Mesh
- AAA Servers
- DHCP Relay
- Alarm Settings
- Services
- WIPS
- Certificate
- Bonjour Gateway
- Location Services

WLANs

WLANs

This table lists your current WLANs and provides basic details about them. Click Create New to add another WLAN, or click Edit to make changes to an existing WLAN.

<input type="checkbox"/>	Name	ESSID	Description	Authentication	Encryption	Actions
<input type="checkbox"/>	Ruckus-Guest	Ruckus-Guest	Ruckus-Guest	MAC Address	None	Edit Clone

Editing (Ruckus-Guest)

General Options

Name/ESSID* ESSID

Description

WLAN Usages

Type

- Standard Usage (For most regular wireless network usages.)
- Guest Access (Guest access policies and access control will be applied.)
- Hotspot Service (WISPr)
- Hotspot 2.0
- Autonomous

Authentication Options

Method Open 802.1x EAP MAC Address 802.1x EAP + MAC Address

Encryption Options

Method WPA2 WPA-Mixed WEP-64 (40 bit) WEP-128 (104 bit) None

Options

Authentication Server

MAC Address Format

Wireless Client Isolation

Isolate wireless client traffic from other clients on the same AP.

Isolate wireless client traffic from all hosts on the same VLAN/subnet.

(Requires whitelist for gateway and other allowed hosts.)

Zero-IT Activation™

Enable Zero-IT Activation

(WLAN users are provided with wireless configuration installer after they log in.)

Priority

High Low

Advanced Options

Accounting Server Send Interim-Update every minutes

Access Control

L2/MAC L3/IP address

Device Policy Precedence Policy

Enable Role based Access Control Policy

Application Visibility

Enable

Call Admission Control

Enforce CAC on this WLAN when CAC is enabled on the radio

Rate Limiting

Uplink Downlink

(Per Station Traffic Rate)

Multicast Filter

Drop multicast packets from associated clients

VLAN Pooling

VLAN Pools List

(When set VLAN Pooling, Must disable device policy)

Access VLAN

VLAN ID Enable Dynamic VLAN

Hide SSID


Hide SSID in Beacon Broadcasting (Closed System)

Tunnel Mode

Tunnel WLAN traffic to ZoneDirector

(Recommended for VoIP clients and PDA devices.)

Secure (dot1x/EAP) SSID configuration:


ZoneDirector - Ruckus-NTN
2016/06/08 12:30:59 | [Help](#) | [Toolbox](#) | [Log Out \(admin\)](#)

Dashboard
Monitor
Configure
Administer

- System
- WLANs**
- Access Points
- Access Control
- Maps
- Roles
- Users
- Guest Access
- Hotspot Services
- Hotspot 2.0 Services
- Mesh
- AAA Servers
- DHCP Relay
- Alarm Settings
- Services
- WIPS
- Certificate
- Bonjour Gateway
- Location Services

WLANs

WLANs

This table lists your current WLANs and provides basic details about them. Click Create New to add another WLAN, or click Edit to make changes to an existing WLAN.

<input type="checkbox"/>	Name	ESSID	Description	Authentication	Encryption	Actions
<input type="checkbox"/>	Ruckus-Guest	Ruckus-Guest	Ruckus-Guest	MAC Address	None	Edit Clone
<input type="checkbox"/>	Ruckus-Secure	Ruckus-Secure		802.1x EAP	WPA2	Edit Clone

Editing (Ruckus-Secure)

General Options

Name/ESSID* ESSID

Description

WLAN Usages

Type

- Standard Usage (For most regular wireless network usages.)
- Guest Access (Guest access policies and access control will be applied.)
- Hotspot Service (WISPr)
- Hotspot 2.0
- Autonomous

Authentication Options

Method Open 802.1x EAP MAC Address 802.1x EAP + MAC Address

Fast BSS Transition Enable 802.11r FT Roaming
(Recommended to enable 802.11k Neighbor-list Report for assistant.)

Encryption Options

Method WPA2 WPA-Mixed WEP-64 (40 bit) WEP-128 (104 bit) None

Algorithm AES Auto (TKIP+AES)

Options

Authentication Server

Wireless Client Isolation

- Isolate wireless client traffic from other clients on the same AP.
- Isolate wireless client traffic from all hosts on the same VLAN/subnet.

(Requires whitelist for gateway and other allowed hosts.)

Zero-IT Activation™ Enable Zero-IT Activation
(WLAN users are provided with wireless configuration installer after they log in.)

Priority High Low

Advanced Options

Accounting Server Send Interim-Update every minutes

Access Control

L2/MAC L3/4/IP address

Device Policy Precedence Policy

Enable Role based Access Control Policy

Application Visibility Enable

Call Admission Control Enforce CAC on this WLAN when CAC is enabled on the radio

Rate Limiting Uplink Downlink
(Per Station Traffic Rate)

Multicast Filter Drop multicast packets from associated clients

VLAN Pooling VLAN Pools List
(When set VLAN Pooling, Must disable device policy)

Access VLAN VLAN ID Enable Dynamic VLAN

Hide SSID Hide SSID in Beacon Broadcasting (Closed System)