

Alcatel • Lucent Enterprise



Alcatel Omnivista 2500 (Virtual)...

Objective [↗](#)

This tutorial aims to configure Alcatel equipment to work with the ZOOXWIFI hotspot.

Prerequisites [↗](#)

- Firmware with updated version
- The equipment must have full Internet access

i Some adjustments may be necessary due the client peculiar network settings. if this is the case, contact the Zoon Homologation Team.

1. Configuring Radius [↗](#)

Authentication >> RADIUS [↗](#)

⚠ Attention: Clients outside south America must choose “**Virginia**” Servers, and clients on South América must choose “**Brazil or Virginia**” servers. All other must choose the nearest region of your company

Note that all alterations on Radius servers at controller must be changed at **Zoon** administrative portal panel on:

Manage >> Group & Company >> Company >> Edit icon >> Select your region

Click here to see the whole list: [Radius Servers List](#)

If you are a partner, access the panel with your domain.

Enterprise

SSIDs ▾ APs ▾ ANALYTICS ▾ CLIENTS ▾ GUEST/BYOD ▾ AUTHENTICATION ▾ POLICIES ▾ RF ▾ SECURITY ▾

ALARMS/LOGS ▾ ADMINISTRATION ▾

Home > Authentication > Authentication Servers > RADIUS > Server Detail

RADIUS Server Management

+ [Icon] [Icon] [Icon] [Icon] [Icon] [Icon] [Icon] [Icon]

RADIUS Server Management

Search ...

Reset Export to .csv Print

<input type="checkbox"/>	Server Name	Host Name/IP Address
<input type="checkbox"/>	UCOPIA	10.10.94.7
<input checked="" type="checkbox"/>	Zoox	52.73.98.38
<input type="checkbox"/>	UPAMRadiusServer	10.12.10.252

Show: All

Showing All 3 rows

Hide Details >

Server Name Zoox

Host Name/IP Address 52.73.98.38

Backup Host Name/IP Address 50.16.222.31

Retries 3

Timeout 5 seconds

Authentication Port 1812

Accounting Port 1813

VRF Name default

Unacknowledged Alarms: 999+ 999+ 5 999+

2. Configuring SSID and Captive Portal

SSIDs >> SSIDs

Alcatel-Lucent Enterprise

WLAN menu

Home admin Help Videos About Logout

SSIDs ▾ APs ▾ ANALYTICS ▾ CLIENTS ▾ GUEST/BYOD ▾ AUTHENTICATION ▾ POLICIES ▾ RF ▾ SECURITY ▾ ALARMS/LOGS ▾ ADMINISTRATION ▾

Home > SSIDs

SSIDs WLAN Service (Expert)

SSIDs

Create SSID

*ESSID zooxwifi_alcatel2

Usage Guest Network (Open or Captive Portal)

Do you want users to go through a Captive Portal? YES

Captive Portal Type

☐ OV-UPAM Captive Portal

☒ External Captive Portal

What conventions are followed when creating related configurations? Create & Customize Cancel

3. Configuring Splash Page URL [↗](#)

portal Server: portal.zooxwifi.com or your domain (Partner)
Redirect URL: /acesso?&url=login.zooxwifi.com

4. Configuring Whitelist Domains [↗](#)

Click here to see the whole list: [Walled Garden list](#)

Default VLAN/Network

☒ Configure Access Role Attributes ☐ Choose Existing Access Role Profile

☒ VLAN ID

☐ VLAN(s) Untagged VLAN x +
(e.g. 5 or 10-20)

☐ Use Tunnel

ACL/QoS 0 selected ▼

External Captive Portal

*Portal Server portal.zooxwifi.com

*Redirect-URL /acesso?&url=login.zooxwifi.com

HTTPS Redirection ENABLED ⬢

*AAA Server Profile ZooxWifi ▼

Custom Profile None ▼

Walled Garden

Wireless Client Social Login Vendor 0 selected ▼

Whitelist Domains +

🔍 Search ⬆

portal.zooxwifi.com ✖

5. QoS - Must be done directly on Omnivista Controller [↗](#)

- Edit the SSID and click the Access Role Profile link

ESSID	zooxwifi_alcatel
BYOD Registration Portal	-
SSID Status	Enabled
Encryption Type	-
802.1X Bypass	-
MAC Allow EAP	-
MAC Authentication	Disabled
RADIUS Server	-
Authentication Strategy Name	-
Guest Access Strategy Name	-
Login by	-
Authentication DataBase	-
Social Login	-
Self-registration Strategy	-
URL to Redirect	-
BYOD Access Strategy Name	-
Portal Page	-
Employee Database	-
URL to Redirect	-
Access Role Profile	__zooxwifi_alcatel
ACL/QOS	-
VLAN ID	0
Tunnel ID	-
TTS IP Address	-

- Fill with your preferences like inactivity interval (idle timeout) and bandwidth settings:

Access Role Profile Attributes

Auth Flag ☐ DISABLE

Mobile Tag Status ☐ DISABLE

Redirect Status ☐ DISABLE

Policy List

Location Policy Name

Period Policy Name

Inactivity Interval second(s)

Bandwidth Control Settings

Upstream Bandwidth kbit/s

Downstream Bandwidth kbit/s

Upstream Burst bytes

Downstream Burst bytes

Client Session Logging

6. Configuring ZOOX DASHBOARD [↗](#)

Adding Plans [↗](#)

Go to Menu>Register>Plans>Add

ZOOX DASHBOARD

Manage / Plans

Name	Connection time	Access type	Show disabled	Add
Visitors 10MB	8 Hours	Registered visitor	<input type="checkbox"/>	<input type="button" value="+"/>
VISITANTES	5 Minutes	Registered visitor	<input type="checkbox"/>	<input type="button" value="+"/>

Showing 1 to 2 of 2 items.

Setting Parameters: [↗](#)

- 1- Set a name for your new plan, for exemple: **"Visitors 10MB"**
- 2- Set a time for your connection, this can be: **"Min, Hours or Days"**

3- The Download and Upload Speed option only works on **Mikrotik** routers. If you use a Router, Controller or Firewall for redirection to the captive portal other than Mikrotik, the QOS must be configured directly on it.

4- Save Settings

The screenshot shows the 'Add' form in the Zoox Manager interface. The form is titled 'Manager / Plans / Add'. It contains several input fields and dropdown menus. Red arrows point to the 'Name*' field, the 'Connection Time*' field, and the 'Time unit' dropdown. The form also includes fields for 'Download Speed', 'Upload Speed', 'Idle Timeout', and a 'Select the access type' dropdown. At the bottom, there are 'Save' and 'Back' buttons.

Adding Routers [↗](#)

Go to Menu>Register>Hotspot>Router>Add

The screenshot shows the 'Router' list view in the Zoox Manager interface. The left sidebar shows the navigation menu with 'Router' selected. The main area displays a table of routers with columns for Router, Mac Address, and Type. A red arrow points to the 'Add Router' button.

Router	Mac Address	Type
Alcatel_Lab-1	dc:08:56:2e:51:70	Alcatel
Alcatel_Lab-2	dc:08:56:2e:73:30	Alcatel
EDGECORE	34:EF:B6:1F:46:8B	ZooxOS
Huawei 3	1C:3D:2F:4D:4A:20	Huawei Cloud Campus
MAXTRACK	44:34:8F:0A:6A:9B	ZooxOS
mobility	00:00:00:00:00:19	Aruba
ORBE-ALEX	F8:5E:3C:3D:5D:7A	ZooxOS
ORBE-WILLIAM	78:A3:51:47:3F:D8	ZooxOS
RUIJIE Homologation 4	cc:6b:1e:41:17:6b	Mikrotik
RUIJIE-HOMOLOGATION2	00:d0:f8:19:20:1c	ZooxOS
RUIJIE-HOMOLOGATION3	00:00:F8:46:4E:A3	ZooxOS
RUIJIE_HOMOLOGATION	00:d0:f8:19:20:1a	ZooxOS
TPLINK-LAB-ZOOX	28:87:BA:D1:F1:7A	Tp Link

Setting Parameters: [↗](#)

1- Give a Router name

2- Select the vendor of your router

3- Add the Mac Address of your Router

4- Save Settings

Manage / Hotspot / Router / Add

Router Name

Router Vendor

Router or Ap Mac

Street Name

Name*

Type*

Mac Address*

Observation

Address*

Save Back

Mapa Satélite

Rio de Janeiro

Adding Hotspot [↗](#)

Go to Menu>Register>Hotspot>Hotspot>Add

Analytics

Big Data

Portal

Manage

Plans

Group & Company

Additional Data

Parameters

TAGS

Dashboard Additional Cards

Terms of Use

Privacy Policy

Whitelabel

Coupon

Facebook

Monitoring

Network Data

Hotspot

Mac Finder

Access Point

Manage Mikrotik

Hotspot

Internet Link

Router

Voucher

Uploads

Subscribers

Partner

Manage / Hotspot / Hotspot

If you wish to create a new Hotspot, do not forget to create a new Router.

Select a router Filter Clear

Hotspot	Router	Logo	Show disabled items	Bulk update	Add Hotspot
..WIFI LIVRE PORTO ALEGRE..	UNIFI-ALEX-HOMOLOG				
CoelhoVoip	Alcatel_Lab-1				
CoelhoVoip	Alcatel_Lab-2				
REDE ECONOMIA	Huawei 1				
REDE ECONOMIA	Huawei 2				
REDE ECONOMIA	Huawei 3				
REDE ECONOMIA	Huawei 4				
REDE ECONOMIA	Huawei 5				
REDE ECONOMIA	Huawei 6				
REDE ECONOMIA	Huawei 7				
VLAN 33	RUIJIE_HOMOLOGATION				
VLAN 33	RUIJIE_HOMOLOGATION2				
VLAN 33	RUIJIE_HOMOLOGATION3				
ZOOX	ROUTER-FLEXCONNECT				
ZOOX	Huawei_cloud				
ZOOX	FIBERX-HUAWEI				

Setting Parameters: [↗](#)

- 1- The Name field should be the same name you gave to your WIFI network (SSID)
- 2- Router; Select the router that you created on previous steps
- 3- Select the plan that you created on previous steps
- 4- Save Settings

Manage / Hotspot / Hotspot / Add

If you wish to create a new Hotspot, do not forget to verify if a Router is available.

Name*
Your_Network_SSID_Name
Meraki "Custom splash URL":
https://portal.zooxwifi.com/redirect.php?ssid=Your_Network_SSID_Name

Router*
MAXTRACK

Theme*
Default - Version 1

Authentication Type*
ZooWiFi

Select a default plan for registered visitors*
Visitors 10MB

Select a default plan for unregistered visitors
Select an option

Select a default plan for all visitors, based in the subscribers list
Select an option

Observation

Fields to Login: (drag to reorder)

- ☒ Email
- ☐ ID number
- ☐ Title
- ☐ Full Name

Fields to Register: (drag to reorder)

- ☒ Full Name (Optional)
- ☒ Email (Optional)
- ☒ Birth Date (Optional)
- ☒ Gender (Optional)

Fields to Login: (drag to reorder)

- ☒ Email
- ☐ ID number
- ☐ Title
- ☐ Full Name
- ☐ First Name
- ☐ Last Name
- ☐ Birth Date
- ☐ Gender
- ☐ Country
- ☐ Zip Code
- ☐ City / State
- ☐ Mobile
- ☐ Password

Fields to Register: (drag to reorder)

- ☒ Full Name (Optional)
- ☒ Email (Optional)
- ☒ Birth Date (Optional)
- ☒ Gender (Optional)
- ☐ Title (Optional)
- ☐ First Name (Optional)
- ☐ Last Name (Optional)
- ☐ ID number (Optional)
- ☐ Country (Optional)
- ☐ Zip Code (Optional)
- ☐ City / State (Optional)
- ☐ Mobile (Optional)
- ☐ Password (Optional) [Set password](#)

There it is! Your Alcatel is set up and ready to use with ZOOXWIFI!

If you have any questions or difficulties, please contact our support via email suporte@zooxsmart.com.