

PARAMETRAGE BORNE RUCKUS

Ruckus 7352 Multimedia Hotzone Wireless AP

1. Renseigner l'adresse IP dans Configuration et Internet

- (Plage IP fixe VOIP et Divers, première adresse)
172.YY.XX.150 MASK 255.255.248.0 Passerelle et DNS 172.YY.XX.1)
- Ne pas toucher au VLAN de Management (Laisser 1)
- NTP Server à définir ici pool.ntp.org au lieu de ntp.ruckuswireless.com

Configuration :: Internet

Your parameters were saved

NTP Server:

Management VLAN: (Need to reboot for change to take effect)

IPv4 Connection Type: DHCP Static IP PPPoE

Internet Connection Settings:

IPv4 Address:

IPv4 Subnet Mask:

IPv4 Gateway:

IPv4 DNS Mode : Auto Manual

IPv4 DNS IP Address Settings:

IPv4 Primary DNS Server:

IPv4 Secondary DNS Server:

IPv6 Connection Type: Auto Configuration Static IP

IPv6 Primary DNS Server:

IPv6 Secondary DNS Server:

L2TP Connection

L2TP Connection: Enable Disable

[Restore previous settings](#)

2. Aller dans "Configuration" et "Wireless"

Onglet Common et mettre Country Code "France", dans "Advanced Settings" on peut modifier la puissance de la borne.

Configuration :: Radio 2.4G :: Common

Common | dgf0035v_524-25 | **Wireless 2** | Wireless 3 | Wireless 4 | Wireless 5 | Wireless 6 | Wireless 7 | Wireless 8

Wireless Mode:

Channel:

Channel Width:

Country Code:

Advanced Settings:

AeroScout RFID

AeroScout RFID tag detection: Disabled Enabled

Ekahau RFID

Ekahau Settings: Disabled Enabled

ERC IP Address: ERC Port:

[Restore previous settings](#)

Help

Channel Width:
A 20 MHz channel width will allow a maximum PHY throughput of 130 Mbps. A 40 MHz channel width will allow a maximum PHY throughput of 300 Mbps. Channels 3 through 9 for 2.4 GHz radios are allowed to operate in 40 Mhz mode. The default is "SmartSelect" which allows the device to select the optimum channel width to account for the noisy environment in the real world.

Country Code:
Select your country or region. Selecting the incorrect country or region may result in violation of applicable law. Changing this value is not recommended.

Advanced Settings:
Click the button to access the advanced wireless radio settings. Changing these

3. Puis dans l'onglet Wireless1 qu'on peut renommer pour plus de lisibilité et renseigner comme ci-dessous avec les bonnes valeurs de l'établissement.

Configuration :: Radio 2.4G :: CLG MASCAREIGNES

Common | **CLG MASCAREIGNES** | Wireless 2 | Wireless 3 | Wireless 4 | Wireless 5 | Wireless 6 | Wireless 7 | Wireless 8

Your parameters were saved

Wireless Network:

Wireless Availability? Enabled Disabled

Broadcast SSID? Enabled Disabled

SSID:

Threshold Settings:

Rate Limiting:

Access Control:

Packet Forward:

Hotspot Service:

Access VLAN:

Dynamic VLAN: Enabled Disabled

Insert DHCP option 82? Enabled Disabled

Client Fingerprinting? Enabled Disabled

Encryption Method:

WPA Version: WPA WPA2 WPA-Auto

WPA Authentication: PSK 802.1x Auto

WPA Algorithm: TKIP AES Auto

Passphrase:

[Restore previous settings](#)

Dans la rubrique "Rate Limiting "

Configuration :: Radio 2.4G :: Advanced Wireless Rate Limiting :: CLG MASCAREIGNES

Your parameters were saved

Downlink Uplink

Per Station Traffic Rate:

Maximum traffic rate on per station basis

Class	Downlink / Uplink		
	Rate (kbps)	Ceiling (kbps)	Buffer (pkts)
Voice	128 / 128	128 / 128	10 / 10
Video	125 / 62	500 / 250	50 / 50
Best-Effort	250 / 125	500 / 250	50 / 50
Background	100 / 100	500 / 250	10 / 10

[Restore previous settings](#)

[Go back to Wireless Configuration](#)

A affiner suivant les essais!

4. Aller dans "Configuration" et "Ethernet Ports"

Configure :: Ethernet Ports

Your parameters were saved

Port1 Enable Access Port ▾
Packet Forward Bridge to WAN ▾
802.1X Disabled ▾
VLAN UNTAG ID 1 Members 1
Insert DHCP Option 82 Enabled Disabled
Client Fingerprinting Enabled Disabled

Port2 Enable Trunk Port ▾
Packet Forward Bridge to WAN ▾
802.1X Disabled ▾
VLAN UNTAG ID 1 Members 1-409
Insert DHCP Option 82 Enabled Disabled
Client Fingerprinting Enabled Disabled



Attention!

1. le Port 1 = Port RJ45 pour le poste Fixe de la salle de classe (Port 10/100)
2. Le Port 2 = Port RJ45 connecté à l'injecteur POE (Port 10/100/100 POE)



Quand uniquement la borne est connectée sans poste fixe ou portable sur le Port1 on a :

- "Down" sur "Interface" "Eth0"
- "Up" sur "Interface" "Eth1"

LAN Port Status Refresh						
Port	Interface	802.1X	Logical Link	Physical Link		Label
0	eth0	None	Down	Down		10/100
1	eth1	None	Up	Up 1000Mbps full		10/100/1000 PoE

5. Dans Maintenance Upgrade

Maintenance :: Upgrade

Upgrade Method: TFTP FTP Web Local

FTP Options

Firmware Server:

Port:

Image Control File:

Username:

Password:

Auto Upgrade? Enabled Disabled

Interval to Check for Software Upgrade:

Schedule Reboot Time after Upgrade:

Changes made to this area apply to the Automatic Firmware Update settings as well.

WARNING: Upgrading the firmware could take a few minutes and your network will not be available during this time. Please do NOT remove power from your device until the upgrade finishes.

[Restore previous settings](#)

Avant Mise à jour :

Device Name: RuckusAP
Device Location:
GPS Coordinates:
USB Software vid-pid:
USB Software Version:
MAC Address: 84:18:3A:12:D8:D0
Serial Number: 201402006366
Software Version: 9.6.1.0.15
Uptime: 16 days 8 hrs 21 mins 5 secs
Current Time (GMT): Fri Oct 17 13:29:19 2014

Upgrade en Mode Local à faire en zf7352_9.7.1.0.17.BL7 au 25-05-2014

Maintenance :: Upgrade

Upgrade Method: TFTP FTP Web Local

Local Options

Local File Name: zf7352_9....17.BL7

WARNING: Upgrading the firmware could take a few minutes and your network will not be available during this time. Please do NOT remove power from your Router or Adapter until the upgrade finishes.

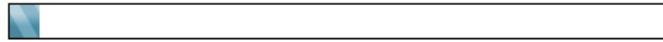
(Fichier à télécharger et à décompresser en local sur un poste)

(Maj possible du Rectorat)

Loading...

WARNING: Upgrading the firmware could take a few minutes and your network will not be available during this time. Please do **NOT** remove power from your Router or Adapter until the upgrade finishes.

Please wait. Reboot in progress.



WARNING: Rebooting may take a few minutes. Do **NOT** remove power from your device during this time.

We'll let you know when it's okay.

Reboot completed



Great. I'm all done.
Please click "OK" to reconnect.

OK

Après vérification le Firmware est à jour

Device Name:	RuckusAP
Device Location:	
GPS Coordinates:	
MAC Address:	84:18:3A:12:D8:D0
Serial Number:	201402006366
Software Version:	9.7.1.0.17
Uptime:	2 mins 32 secs
Current Time (GMT):	Fri Oct 17 13:36:26 2014

6. Dans "Administration" et "Log"

Il faudra renseigner le serveur Amon comme Syslog Serveur:

Administration :: Log

Log Status: Enabled Disabled

Syslog Server Address:

Syslog Server Port: