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1-1 初始化配置

基于以下版本的配置教程ArubaOS Version 8.5.0.8 (build 74965 / label #74965)

Auto-provisioning is in progress. It requires DHCP and Activate servers
Choose one of the following options to override or debug auto-provisioning...

- 'enable-debug' : Enable auto-provisioning debug logs
- 'disable-debug' : Disable auto-provisioning debug logs
- 'mini-setup' : Start mini setup dialog. Provides minimal customization and requires DHCP server
- 'full-setup' : Start full setup dialog. Provides full customization
- 'static-activate' : Provides customization for static or PPPOE ip assignment. Uses activate for master information

Enter Option (partial string is acceptable): full-setup

Are you sure that you want to stop auto-provisioning and start full setup dialog? (yes/no): yes

***** Welcome to the Aruba7210 setup dialog

This dialog will help you to set the basic configuration for the switch.
These settings, except for the Country Code, can later be changed from the
Command Line Interface or Graphical User Interface.

Commands: <Enter> Submit input or use [default value], <ctrl-I> Help
<ctrl-B> Back, <ctrl-F> Forward, <ctrl-A> Line begin, <ctrl-E> Line end

<ctrl-D> Delete, <BackSpace> Delete back, <ctrl-K> Delete to end of line
<ctrl-P> Previous question <ctrl-X> Restart beginning <ctrl-R> Reload box

Enter System name [Aruba7210_05_5B_30]: Aruba7210-GT-204
Enter Switch Role (master|standalone|md) [md]:md
Enter IP type to terminate IPSec tunnel or secured websocket connection (ipv4|ipv6) [ipv4]:ipv4
Enter Master switch IP address/FQDN or ACP IP address/FQDN:
10.224.112.211
Enter Master switch Type? (MM|ACP) [MM]:
Is this a VPN concentrator for managed device to reach Master switch (yes|no) [no]: no
This device connects to Master switch via VPN concentrator (yes|no) [no]: no
Is Master switch Virtual Mobility Master? (yes|no) [yes]:
Master switch Authentication method (PSKwithIP|PSKwithMAC) [PSKwithIP]:
Enter IPSec Pre-shared Key: Aruba123!@#
Re-enter IPSec Pre-shared Key: Aruba123!@#
Do you want to enable L3 Redundancy (yes|no) [no]: no
Enter Uplink Vlan ID [1]: 1132
Enter Uplink port [GE 0/0/0]: GE 0/0/2 #光口是0/0/2-0/0/5
Enter Uplink port mode (access|trunk) [access]: trunk
Enter Native VLAN ID [1]:
Enter Uplink Vlan IP assignment method (dhcp|static|pppoe) [static]:
Enter Uplink Vlan Static IP address [172.16.0.254]: 10.224.112.4
Enter Uplink Vlan Static IP netmask [255.255.255.0]: 255.255.254.0
Enter IP default gateway [none]: 10.224.112.1
Enter DNS IP address [none]: 10.224.111.254
Do you wish to configure IPV6 address on vlan (yes|no) [yes]: no
Do you want to configure dynamic port-channel (yes|no) [no]: yes
Enter Port-channel ID [0]:0
Enter Country code (ISO-3166), <ctrl-I> for supported list: CN
You have chosen Country code CN for China (yes|no)? : yes
Enter the controller's IANA Time zone [America/Los_Angeles]:
Asia/Shanghai
Enter Time in UTC [13:15:10]: 13:13:00 #注意是输入UTC时间比北京时间减8小时
Enter Date (MM/DD/YYYY) [7/10/2020]:
Do you want to create admin account (yes|no) [yes]: yes
Enter Password for admin login (up to 32 chars): Aruba123!@#
Re-type Password for admin login: Aruba123!@#

Current choices are:

System name: 设备名一般建议是型号+区域+ip
Switch Role: md
IP type to terminate IPSec tunnel or secured websocket connection: ipv4
Master switch IP address or FQDN: 10.224.112.211
Is this VPN concentrator: no
Connect via VPN concentrator: no
IPSec authentication method: PSKwithIP
Vlan id for uplink interface: 1132
Uplink port: GE 0/0/2
Uplink port mode: trunk
Native VLAN id: 1
Uplink Vlan IP assignment method: static
Uplink Vlan static IP Address: 10.224.112.4
Uplink Vlan static IP net-mask: 255.255.254.0
Uplink Vlan IP default gateway: 10.224.112.1
Domain Name Server to resolve FQDN: 10.224.111.254
Option to configure VLAN interface IPV6 address: no
Country code: CN
IANA Time Zone: Asia/Shanghai
Admin account created: yes

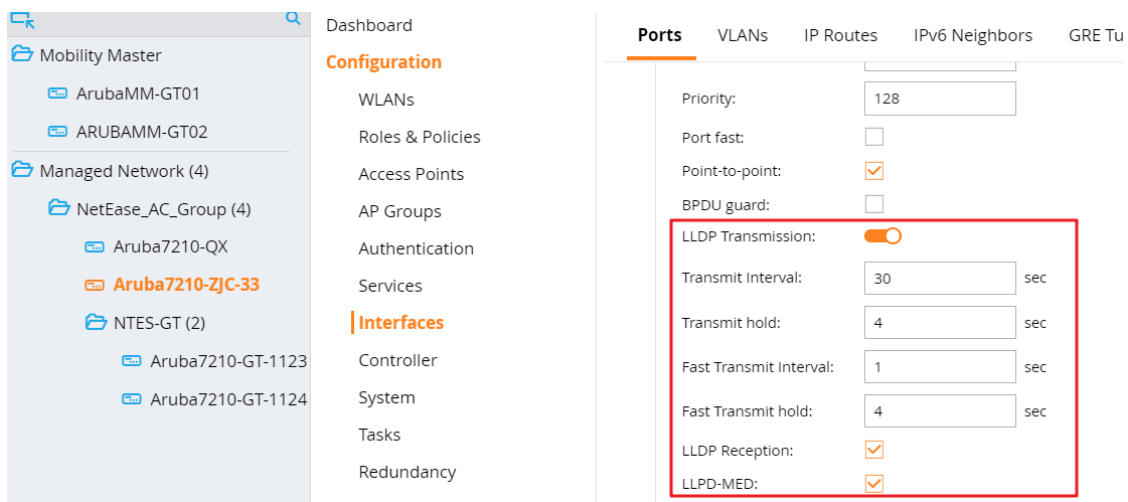
Note: These settings require IP-Based-PSK configuration on Master switch

If you accept the changes the switch will restart!
Type <ctrl-P> to go back and change answer for any question
Do you wish to accept the changes (yes|no)yes
INFO: Backing up existing config dir.
Creating configuration... Done.

System will now restart!

PS: write erase all #清除配置重新来。恢复出厂配置

链路捆绑前打开LLDP



2-1 重置admin密码

如admin admin无法进入,可用以下方法重置密码

User: password

Password: forgetme! ## forgetme!

(Aruba7210) >enable

Password:enable

(Aruba7210) #configure terminal

(Aruba7210) (config) #mgmt-user admin root

Password:12345678

3-1 升级系统版本

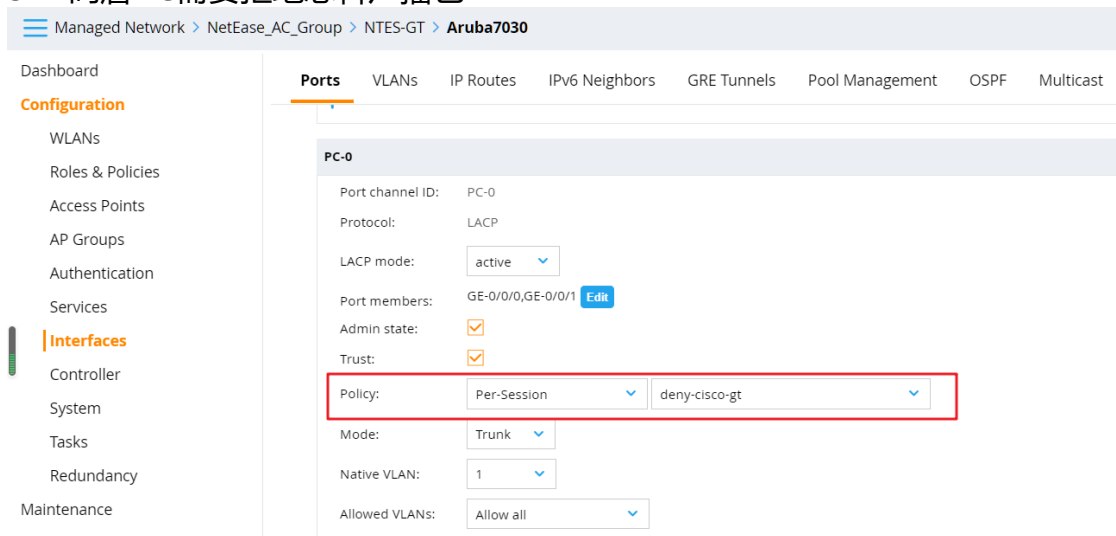
(Aruba7210-GT-1124) #show image version #查看镜像版本

```
-----
Partition          : 0:0 (/dev/usb/flash1)
Software Version    : ArubaOS 6.5.4.8 (Digitally Signed SHA1/SHA256 -
Production Build)
Build number        : 65873
Label               : 65873
Built on            : Fri Jul 20 07:50:02 UTC 2018
-----
```

```
-----
Partition          : 0:1 (/dev/usb/flash2) **Default boot**
Software Version    : ArubaOS 8.5.0.8 (Digitally Signed SHA1/SHA256 -
Production Build)
Build number        : 74965
Label               : 74965
Built on            : Thu Apr 2 18:15:30 UTC 2020
-----
```

(Aruba7210-GT-1124) #copy ftp: 10.249.20.22 test
 ArubaOS_72xx_8.5.0.8_74965 system: partition 0
 (Aruba7210-GT-1124) #boot system partition 0
 (Aruba7210-GT-1124) #reload

5-1 高唐AC需要拒绝思科广播包



7-1 检查配置同步情况

(ArubaMM-GT01) [NetEase_AC_Group] # show airgroup switches #检查airgroup配置下发
 8.6.0.17 版本会有以下bug, 需要在控制器上面重新开关一下airgroup服务
 (ArubaMM-GT01) [00:1a:1e:05:5d:d8] (config) #no airgroupprofile activate

```
Showing AirGroup switches under /md/NetEase_AC_Group
```

Mac	IP	Node path	Config path	Active Profile
00:1a:1e:05:5b:30	10.224.112.4	/md/NetEase_AC_Group/NTES-GT/00:1a:1e:05:5b:30	/md/NetEase_AC_Group/NTES-GT	AirGroup-Centralize
20:4c:03:02:9a:f8	10.250.166.3	/md/NetEase_AC_Group/20:4c:03:02:9a:f8	/md/NetEase_AC_Group	AirGroup-Centralize
00:1a:1e:05:7b:a8	10.224.112.3	/md/NetEase_AC_Group/NTES-GT/00:1a:1e:05:7b:a8	/md/NetEase_AC_Group/NTES-GT	AirGroup-Centralize
00:1a:1e:05:48:e8	10.224.112.204	/md/NetEase_AC_Group/NTES-GT/00:1a:1e:05:48:e8	/md/NetEase_AC_Group/NTES-GT	AirGroup-Centralize
00:1a:1e:05:5d:d8	10.250.166.4	/md/NetEase_AC_Group/00:1a:1e:05:5d:d8		

Num Switches:5

(ArubaMM-GT01) [NetEase_AC_Group] #show switches #检查配置同步

```
(ArubaMM-GT01) [NetEase_AC_Group] #show switches
```

IP Address	IPv6 Address	Name	Location	Type	Model	Version	Status	Configuration State
10.224.112.213	None	ArubaMM-GT01	Building1.floor1	master	ArubaMM-VA	8.6.0.17_83573	up	UPDATE SUCCESSFUL
10.224.112.3	None	Aruba7210-GT-1123	Building1.floor1	MD	Aruba7210	8.6.0.17_83573	up	UPDATE SUCCESSFUL
10.224.112.4	None	Aruba7210-GT-1124	Building1.floor1	MD	Aruba7210	8.6.0.17_83573	up	UPDATE SUCCESSFUL
10.224.112.204	None	Aruba7210-GT-204	Building1.floor1	MD	Aruba7210	8.6.0.17_83573	up	UPDATE SUCCESSFUL
10.224.112.214	None	ArubaMM-GT02	Building1.floor1	standby	ArubaMM-VA	8.6.0.17_83573	up	UPDATE SUCCESSFUL
10.250.166.3	None	Aruba7210-GT2-1663	Building1.floor1	MD	Aruba7210	8.6.0.17_83573	up	UPDATE SUCCESSFUL
10.250.166.4	None	Aruba7210-GT2-1664	Building1.floor1	MD	Aruba7210	8.6.0.17_83573	up	UPDATE SUCCESSFUL

Total Switches:7

