

# Add WLAN controllers as NAD device in ClearPass

The screenshot displays the Aruba ClearPass Policy Manager web interface. The breadcrumb trail at the top indicates the current location: Configuration > Network > Devices. The main heading is 'Network Devices'. On the right side, there is a list of actions: 'Add', 'Import', 'Export All', and 'Discovered Devices'. The 'Add' button is highlighted with a red box. Below the actions, there is a filter section with a dropdown menu set to 'Name' and a 'contains' operator. A 'Go' button and a 'Clear Filter' button are also present. To the right of the filter, it says 'Show 20 records'. Below the filter is a table with the following headers: '#', 'Name', 'IP or Subnet Address', and 'Description'. At the bottom of the table, there are buttons for 'Copy', 'Export', and 'Delete'. The footer of the page contains copyright information: '© Copyright 2020 Hewlett Packard Enterprise Development LP', the date and time 'Apr 20, 2020 23:34:29 CEST', and the version information 'ClearPass Policy Manager 6.9.0.130064 on CLABV (Trial Version) platform'.

# Add WLAN controllers as NAD device in ClearPass

- Add individual controller or per subnet

**Add Device**

**Device** | SNMP Read Settings | SNMP Write Settings | CLI Settings | OnConnect Enforcement | Attributes

Name: HomeLAB-WLCs

IP or Subnet Address: 172.16.200.0/24  
(e.g., 192.168.1.10 or 192.168.1.1/24 or 192.168.1.1-20 or 2001:db8:a0b:12f0::1)

Description: Aruba Controllers

RADIUS Shared Secret: ..... Verify: .....

TACACS+ Shared Secret: ..... Verify: .....

Vendor Name: Aruba

Enable RADIUS Dynamic Authorization:  Port: 3799

Enable RadSec:

**Add** **Cancel**

# Create MPSK Service

The screenshot displays the Aruba ClearPass Policy Manager interface. The left sidebar contains navigation options: Dashboard, Monitoring, Configuration (selected), Services, Authentication, Identity, Posture, Enforcement, and Network (with sub-items: Devices, Device Groups, Proxy Targets, Event Sources, Network Scan, and Policy Simulation). The main content area is titled 'ClearPass Policy Manager' and 'Service Templates & Wizards'. It includes instructions on how to configure services and a filter dropdown set to 'All Templates'. A list of service templates is shown, with 'Aruba Wireless with MPSK' highlighted by a red box. The footer contains copyright information, the date 'Apr 20, 2020 23:36:12 CEST', and the version 'ClearPass Policy Manager 6.9.0.130064 on CLABV (Trial Version) platform'.

aruba ClearPass Policy Manager Menu

Configuration » Service Templates & Wizards

### Service Templates & Wizards

- To configure service and related policies using the **full wizard**, click [here](#).
- Or filter by **service templates** for common use cases:

**802.1X Wired**  
To authenticate users to any wired network via 802.1X.

**802.1X Wireless**  
To authenticate users to any wireless network via 802.1X.

**Aruba 802.1X Wireless**  
To authenticate users to an Aruba wireless network via 802.1X.

**Aruba Auto Sign-On**  
Service template for accessing SAML based single sign-on enabled applications using network authenticated identity through Aruba controllers.

**Aruba VPN access with Posture checks**  
For Aruba VPN clients connecting remotely to the corporate network, with differentiated access based on the results of Posture checks.

**Aruba Wireless with MAC Authentication with Device Registration**  
Authorize wireless devices based on their MAC address via Device Registration.

**Aruba Wireless with MPSK**  
To authenticate devices using an Aruba MPSK.

**ArubaOS-Switch MAC Authentication with Device Registration**  
Authorize wired devices based on their MAC address via Device Registration.

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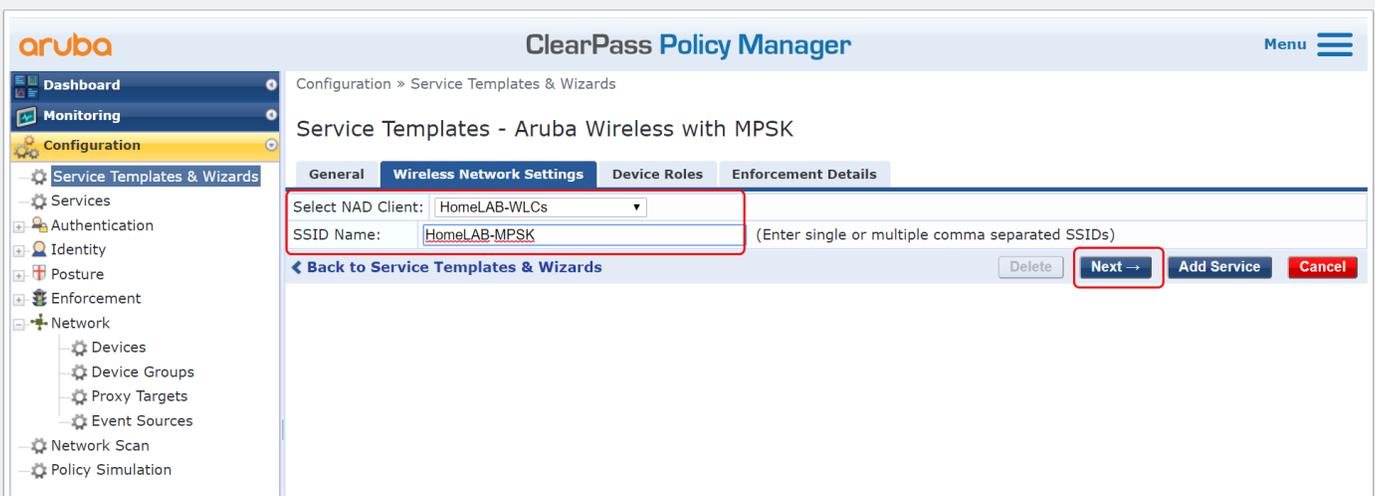
# Create MPSK Service

- Add a name for the service



# Create MPSK Service

- Select the WLAN controller and SSID name



# Create MPSK Service

- Select a device role

The screenshot shows the Aruba ClearPass Policy Manager interface. The left sidebar contains navigation options: Dashboard, Monitoring, Configuration, Service Templates & Wizards, Services, Authentication, Identity, Posture, Enforcement, Network, Devices, Device Groups, Proxy Targets, Event Sources, Network Scan, and Policy Simulation. The main content area is titled 'ClearPass Policy Manager' and 'Service Templates - Aruba Wireless with MPSK'. The 'Device Roles' tab is active, showing a list of device roles. The first role, 'Device Role 1\*', is set to 'Employee'. Below the list are navigation buttons: 'Back to Service Templates & Wizards', 'Delete', 'Next ->', 'Add Service', and 'Cancel'.

Configuration > Service Templates & Wizards

### Service Templates - Aruba Wireless with MPSK

General | Wireless Network Settings | **Device Roles** | Enforcement Details

Define logical device roles (think tags) that allow for dynamic policy construction. Select an existing role from the dropdown or type a name to create one.

Device Role 1*:	[Employee]
Device Role 2:	
Device Role 3:	
Device Role 4:	
Device Role 5:	
Device Role 6:	
Device Role 7:	
Device Role 8:	
Device Role 9:	
Device Role 10:	

[Back to Service Templates & Wizards](#) [Delete](#) [Next ->](#) [Add Service](#) [Cancel](#)

# Create MPSK Service

- Assign the ClearPass role to a Aruba controller role (acl), authenticated is an pre-defined role in the aruba controllers.

The screenshot shows the Aruba ClearPass Policy Manager interface. The left sidebar contains navigation options: Dashboard, Monitoring, Configuration (selected), Service Templates & Wizards, Services, Authentication, Identity, Posture, Enforcement, Network (with sub-items: Devices, Device Groups, Proxy Targets, Event Sources), Network Scan, and Policy Simulation. The main header displays the Aruba logo and 'ClearPass Policy Manager' with a menu icon. The breadcrumb trail is 'Configuration > Service Templates & Wizards'. The page title is 'Service Templates - Aruba Wireless with MPSK'. Below the title are tabs for 'General', 'Wireless Network Settings', 'Device Roles' (active), and 'Enforcement Details'. The main content area is titled 'Create a New Enforcement Policy' and features a table with two columns: 'Device Role' and 'Aruba Role'. The first row is highlighted with a red border and contains 'If [Employee]' in the Device Role column and 'then assign Role authenticated' in the Aruba Role column. Below the table are fields for 'Default MPSK\*' (masked with dots) and 'Default Aruba User Role\*' (containing 'authenticated'). At the bottom, there are buttons for 'Back to Service Templates & Wizards', 'Delete', 'Next ->', 'Add Service', and 'Cancel'.

Device Role	Aruba Role
If [Employee]	then assign Role authenticated
If	then assign Role

Default MPSK\*: .....

Default Aruba User Role\*: authenticated

Buttons: Back to Service Templates & Wizards, Delete, Next ->, Add Service, Cancel

# Create MPSK Service

- Re-order the service and place it on top (or somewhere you like it)

The screenshot shows the Aruba ClearPass Policy Manager interface. The left sidebar contains navigation options like Dashboard, Monitoring, Configuration, and Network. The main content area is titled 'Services' and displays a table of configured services. A red box highlights the first service in the list.

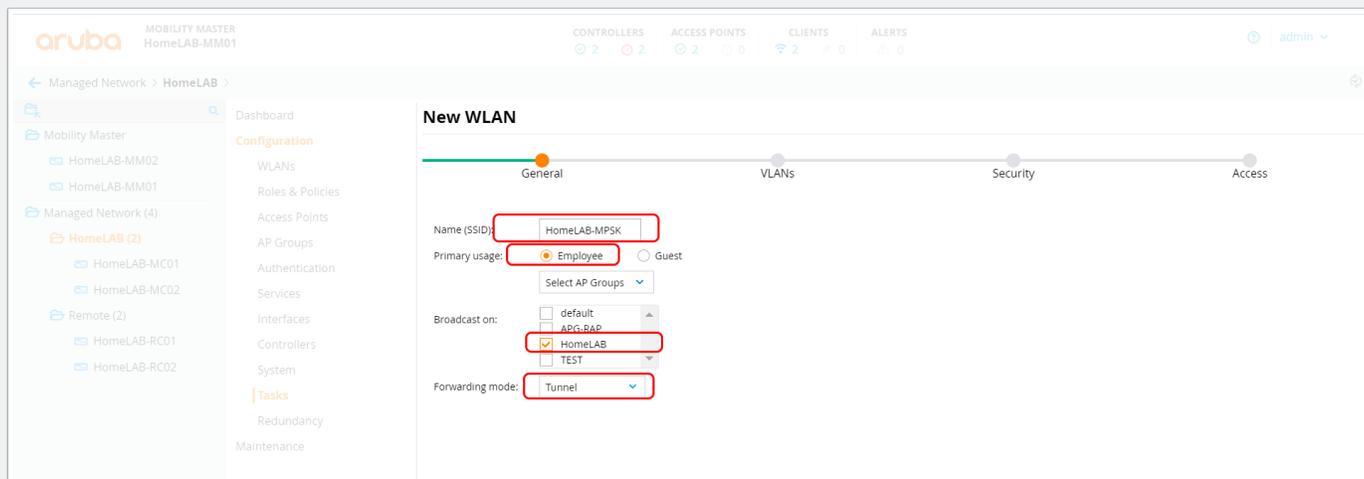
#	Order	Name	Type	Template	Status
1.	1	SSID HomeLAB-MPSK Service Aruba Wireless with MPSK	RADIUS	MAC Authentication	✓
2.	2	[Policy Manager Admin Network Login Service]	TACACS	TACACS+ Enforcement	✗
3.	3	[AirGroup Authorization Service]	RADIUS	RADIUS Enforcement ( Generic )	✓
4.	4	[Aruba Device Access Service]	TACACS	TACACS+ Enforcement	✓
5.	5	[Guest Operator Logins]	Application	Aruba Application Authentication	✓
6.	6	[Insight Operator Logins]	Application	Aruba Application Authentication	✓
7.	7	[Device Registration Disconnect]	WEBAUTH	Web-based Authentication	✓

# Create SSID with MPSK

The screenshot shows the Aruba Mobility Master interface for HomeLAB-MM01. The left sidebar shows a tree view of the network configuration, with 'HomeLAB (2)' selected. The main content area displays the 'WLANs' configuration page, which includes a table of existing WLANs and a '+ Add' button.

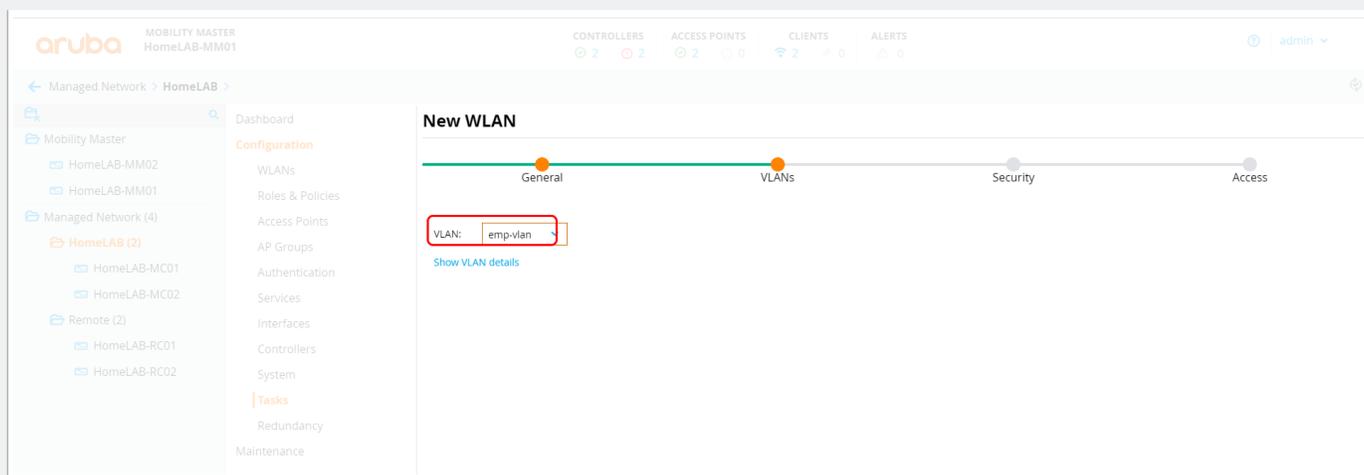
NAME (SSID)	AP GROUP	KEY MANAGEMENT	INFORMATION
HomeLAB-Corp	HomeLAB	WPA2-Enterprise	--
HomeLAB-Test	HomeLAB	WPA2-Personal	--

# Create SSID with MPSK



# Create SSID with MPSK

- Select the vlan ID or named vlan



# Create SSID with MPSK

- Select WPA2-Personal and select MPSK

The screenshot displays the Aruba Mobility Master configuration interface for a new WLAN. The page is titled "New WLAN" and features a progress bar with four steps: General, VLANs, Security, and Access. The "Security" step is currently active. On the left, a vertical slider allows selection of security levels: "More Secure", "Enterprise", "Personal", "Open", and "Less Secure". The "Personal" option is selected and highlighted with a red box. In the "Key management" section, "WPA2-Personal" is selected from a dropdown menu (highlighted with a red box). Below this, the "Use Aruba Multi-Pre-Shared Keys (MPSK)" radio button is selected (highlighted with a red box). The "Auth servers" section contains a plus sign icon (+) in a red box, indicating the addition of authentication servers. The "MAC authentication" dropdown is set to "Enabled".

## Create SSID with MPSK

- Create a new radius server if needed

Add Existing Server

ClearPass

**+**

Cancel OK

## Create SSID with MPSK

- Add ClearPass as Radius server and enter the RADIUS Shared Key

**Create new server**

RADIUS     LDAP

Name:

IP address:

Auth port:

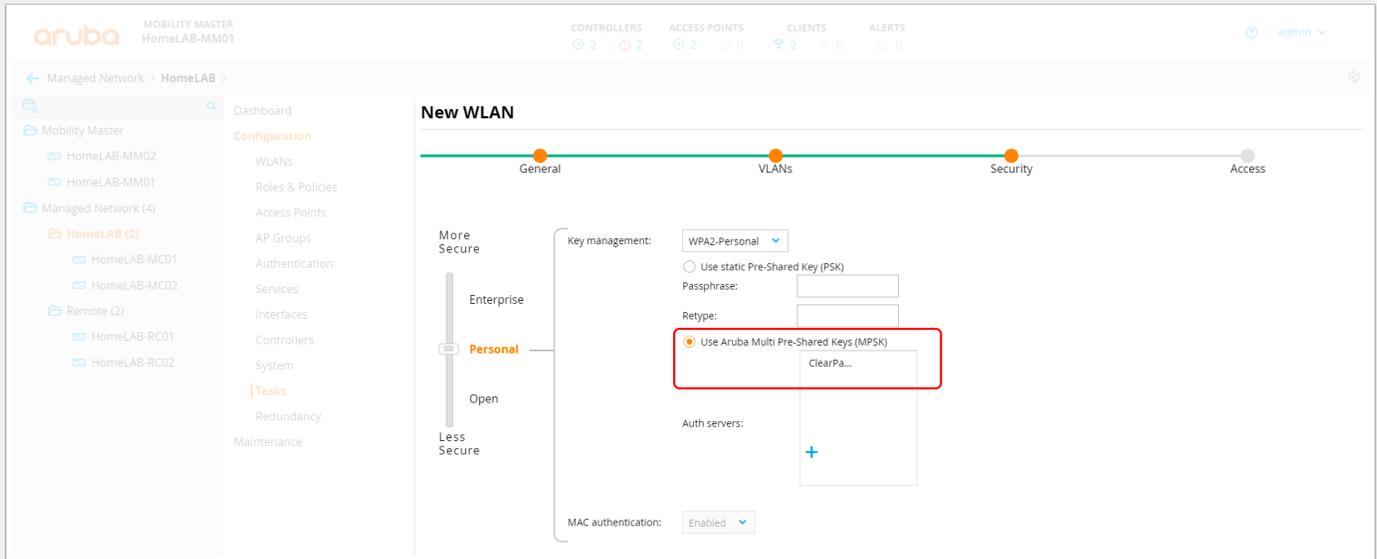
Accounting port:

Shared key:

Retype key:

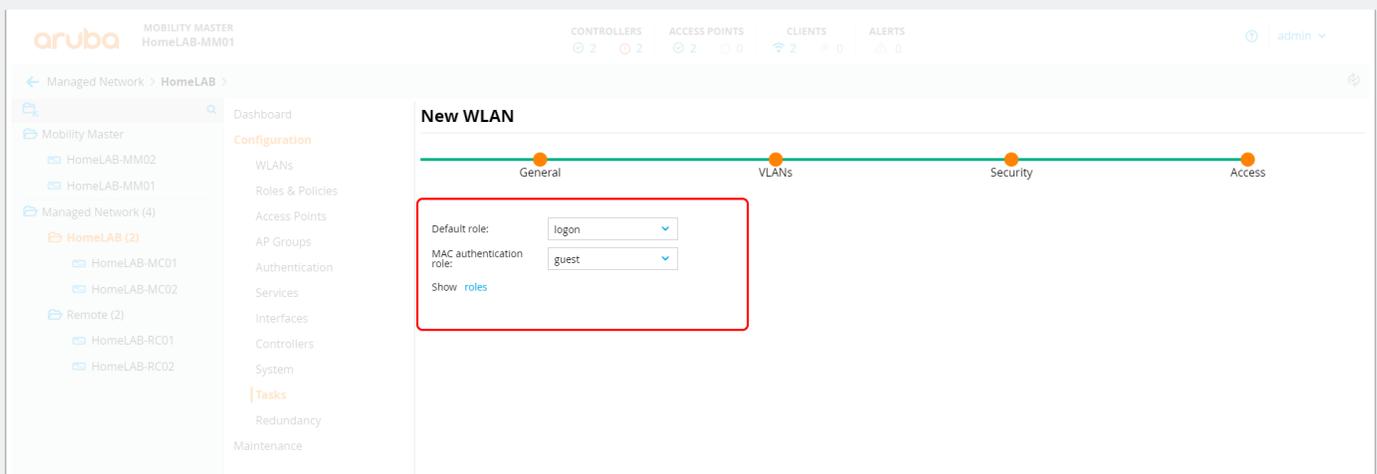
Timeout:

# Create SSID with MPSK



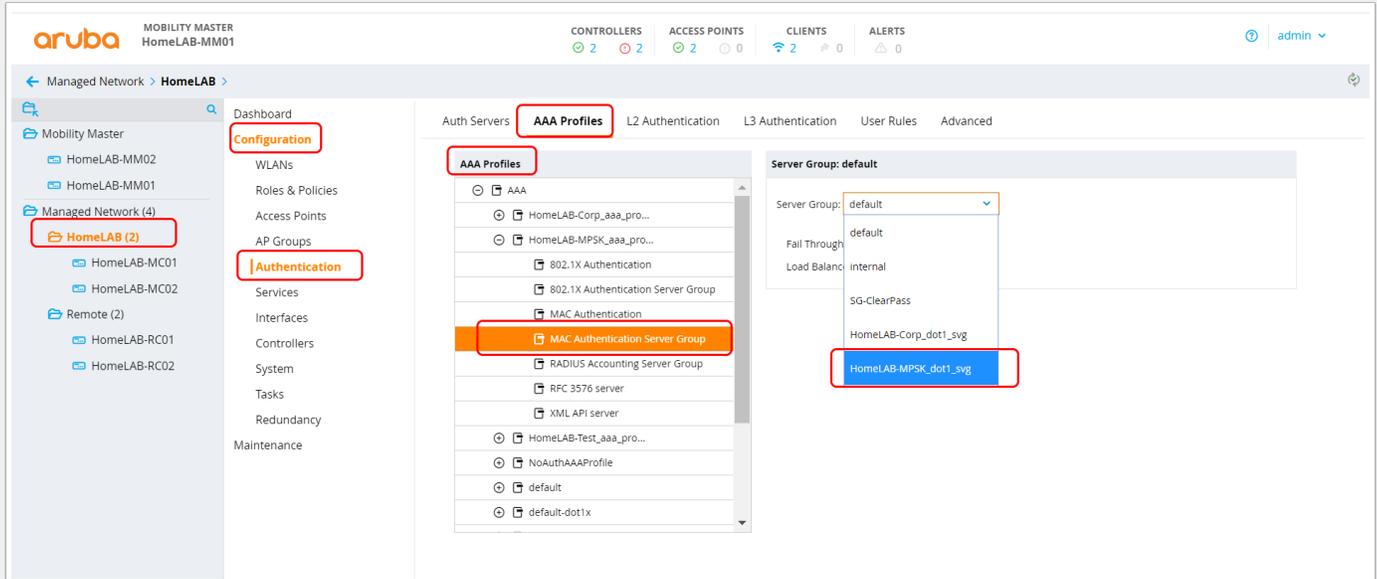
# Create SSID with MPSK

- Leave the default, we will push the role with ClearPass.



# Create SSID with MPSK

- In the AAA profile check if the "MAC authentication server group" is set. For some reason the wizard dont do this for you.



# Test authentication with the default PSK

- Quick test the SSID with the default PSK you configured before.
- If successful, move on!

The screenshot displays the Aruba ClearPass Policy Manager interface. The left sidebar shows the navigation menu with 'Access Tracker' highlighted under 'Live Monitoring'. The main content area shows the 'Access Tracker' page for 'cpm-test (172.16.200.60)' on 'Apr 20, 2020 23:56:56 CEST'. A table of requests is shown, with the first entry selected. The 'Request Details' panel is open, showing the 'Output' tab with the following RADIUS response:

Summary	Input	Output	Alerts
Enforcement Profiles:		SSID HomeLAB-MPSK Service Aruba Wireless with MPSK Default Profile	
System Posture Status:		UNKNOWN (100)	
Audit Posture Status:		UNKNOWN (100)	
<b>RADIUS Response</b>			
Radius:Aruba:Aruba-MPSK-Passphrase		*****	
Radius:Aruba:Aruba-User-Role		authenticated	

A red arrow points from the 'authenticated' role to the text: **Role is pushed to the wlan controller**.

# Login to ClearPass Guest module

**aruba** ClearPass Policy Manager Menu

**Dashboard**

- Alerts** Latest Alerts
- All Requests** Trend all Policy Manager requests
- Applications** Launch other ClearPass Applications
- Authentication Status** Trend Successful and Failed authentications
- Cluster Status** Monitor the status of the entire cluster
- Device Category** Device Categories
- Device Family** Device Family
- Endpoint Profiler Summary** Endpoint profiling details
- Failed Authentications** Track the latest failed authentications
- Monitoring**
- Configuration**
- Administration**

**Cluster Status**

Status	Host Name	Management IPv4	Management IPv6	Server Role	Last Replication	Status
OK	c ppm-test	172.16.200.60	-	Publisher	-	OK

**System CPU Utilization**

Percentage vs Time (mins) graph showing System, User, IO Wait, and Idle utilization.

**Request Processing Time**

Time Taken (msecs) vs Time (mins) graph showing RADIUS and WebAuth processing times.

**Quick Links**

- Start Configuring Policies
- Manage Services
- Access Tracker
- Analysis and Trending
- Network Devices
- Server Manager
- ClearPass Guest**
- ClearPass Onboard
- ClearPass Insight

**All Requests**

Requests vs Time graph showing a single request at 00:00:00.000.

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# Enable MPSK

- Enable MPSK so every device gets a generated WiFi key

The screenshot shows the Aruba ClearPass Guest configuration page for MPSK. The breadcrumb trail is Start » Beheer » Aruba-integraties » MPSK-configuratie. The page title is 'Configure MPSK'. A note states: 'Use this form to make changes to the configuration options for Aruba MPSK.'

The left sidebar shows the navigation menu with 'Beheer' selected. Under 'Aruba-integraties', 'MPSK-configuratie' is highlighted.

The main content area is titled 'Configure MPSK' and contains the following sections:

- Auto-Configuration**
  - Deployment Mode:  Do not modify any configuration,  **Always generate unique device Wi-Fi passwords**,  Allow unique device Wi-Fi passwords,  Remove MPSK related fields from device forms and views.
- Password Options**
  - Random MPSK Method: Random lowercase letters excluding vowels (dropdown menu). Description: The method used to generate a random device MPSK.
  - Random Password Length: 8 (input field). Description: Number of characters to include in randomly-generated pre-shared keys.
  - MPSK Example: xmzwnoxd (text) [Generate](#) (button)
  - [Save Configuration](#) (button)

At the bottom, there are links: [Back to Aruba integrations](#), [Back to administration](#), and [Terug naar hoofdmenu](#). A note indicates '\* vereist veld' (required field).

# Add a device manual

**aruba** ClearPass Guest Menu

Start » Apparaten » Apparaat maken  Apparaten beheeren

**Apparaat maken**

*Nieuw apparaat wordt gemaakt door admin.*

Nieuw apparaat maken	
* MAC-adres:	<input type="text" value="40:9c:28:6a:86:5f"/> <small>MAC-adres van het apparaat.</small>
* Apparaatnaam:	<input type="text" value="iPhone van Marcel"/> <small>De naam van het apparaat.</small>
Wifi-wachtwoord:	<input checked="" type="checkbox"/> Gebruik een uniek wifi-wachtwoord voor dit apparaat
AirGroup:	<input type="checkbox"/> AirGroup inschakelen <small>AirGroup maakt gebruik van apparaateigendoms- en locatie-informatie om te beperken welke printers en Apple TV's beschikbaar zijn voor netwerkgebruikers.</small>
Accountactivering:	<input type="text" value="Nu"/> <small>Selecteer een optie voor het wijzigen van de activeringstijd van dit account.</small>
Verlooptdatum account:	<input type="text" value="1 year from now"/> <small>Selecteer een optie voor het wijzigen van de verlooptijd van dit account.</small>
* Accountrol:	<input type="text" value="[Employee]"/> <small>Rol die aan dit account moet worden toegewezen.</small>
Opmerkingen:	<input type="text"/>
* Gebruiksvoorwaarden:	<input checked="" type="checkbox"/> Ik ben de sponsor van dit account en ga akkoord met de <a href="#">gebruiksvoorwaarden</a>

\* vereist veld

# Add a device manual

aruba ClearPass Guest Menu

Start » Apparaten » Apparaat maken

Klaar met het maken van apparaat

Het apparaat is succesvol aangemaakt.

Nieuw ontvangstbewijs voor apparaat maken	
MAC-adres:	40-9C-28-6A-86-5F
Accountstatus:	Actief
Accountactivering:	dinsdag, 21 april 2020, 00:04
Verloopdatum account:	Account verloopt om woensdag, 21 april 2021, 00:04
Accountrol:	[Employee]
Geregistreerd door:	admin
Wi-Fi Password:	jlpds1mz

Afdrukvenster openen met sjabloon ...

Terug naar apparaten

Terug naar hoofdmenu

# Make passwords visible

aruba ClearPass Guest Menu

\* Password Complexity: Password complexity to enforce for manually-entered guest passwords. Requires the random password type 'A' password matching the password complexity requirements' and the field validator 'NwaIsValidPasswordComplexity' for manual password entry.

\* Minimum Password Length: 6  
The minimum number of characters that a guest password must contain.

Disallowed Password Characters: Characters which cannot appear in a user-generated password.

Disallowed Password Words: Comma separated list of words disallowed in the random words password generator. Note there is an internal exclusion list built into the server.

Password Example: 938588 Generate

Password Display:  Allow privileged operators visibility to guest and device Wi-Fi passwords  
If selected, guest and device Wi-Fi passwords may be displayed to an operator. This is only possible if operators have the View Passwords privilege as well.

Expiration Options

\* Actie bij verlopen: Disable at specified time  
Default action to take when the expire\_time is reached. Note that a logout can only occur if the NAS is RFC-3576 compliant.

\* Expiration Options:

1	1 hour
2	2 hours
3	3 hours
4	4 hours
6	6 hours
8	8 hours
12	12 hours
16	16 hours
24	24 hours

## Add the password field to "Managed Devices"

The screenshot shows the 'Apparaten beheren' page in the Aruba ClearPass Guest interface. The left sidebar contains a menu with 'Apparaten' selected. The main content area has a breadcrumb trail 'Start » Apparaten » Apparaten beheren' and a title 'Apparaten beheren'. Below the title is a message: 'De volgende tabel toont de apparaten die zijn aangemaakt. Klik op een account om dit te bewerken'. There are buttons for 'Snelle hulp', 'Maken', and 'Meer opties' (highlighted with a red box). A table with columns 'MAC-adres', 'Apparaatnaam', 'Verloop', 'Geregistreerd door', 'Wifi wachtwoord', and 'Delen' is shown. The table contains one row: '40-9C-28-6A-86-5F', 'iPhone van Marcel', '2021-04-21 00:04', 'admin', 'Generated', 'Disabled'. Below the table are buttons for 'Vernieuwen', 'Terug naar apparaten', and 'Terug naar hoofdmenu'.

## Add the password field to "Managed Devices"

The screenshot shows the 'Apparaten beheren' page in the Aruba ClearPass Guest interface. The left sidebar contains a menu with 'Apparaten' selected. The main content area has a breadcrumb trail 'Start » Apparaten » Apparaten beheren' and a title 'Apparaten beheren'. Below the title is a message: 'De volgende tabel toont de apparaten die zijn aangemaakt. Klik op een account om dit te bewerken'. There are buttons for 'Snelle hulp', 'Maken', and 'Meer opties'. The 'Meer opties' dropdown menu is open, showing three options: 'Apparaten exporteren', 'Apparaten importeren', and 'Kolommen' (highlighted with a red box). Below the menu is a table with columns 'MAC-adres', 'Apparaatnaam', 'Verloop', 'Geregistreerd door', 'Wifi wachtwoord', and 'Delen'. The table contains one row: '40-9C-28-6A-86-5F', 'iPhone van Marcel', '2021-04-21 00:04', 'admin', 'Generated', 'Disabled'. Below the table are buttons for 'Vernieuwen', 'Terug naar apparaten', and 'Terug naar hoofdmenu'.

# Add the password field to "Managed Devices"

The screenshot shows the Aruba ClearPass Guest configuration interface. The left sidebar contains a navigation menu with categories like Gast, Apparaten, Onboard, and Configuratie. The main content area is titled 'Velden voor overzicht aanpassen (mac\_list)'. Below the title, there is a 'Snelte hulp' button and a 'Veld toevoegen' button highlighted with a red box. A table lists the fields for the 'mac\_list' overview, with columns for Positie, Veld, Type, Title, and Breedte. The 'mpsk\_enable' field is highlighted in yellow.

Start » Configuratie » Pagina's » Lijstweergaven

Velden voor overzicht aanpassen (mac\_list)

Pas met onderstaande lijst de velden aan voor het overzicht *mac\_list*.

[Snelte hulp](#) [Veld toevoegen](#)

Positie	Veld	Type	Title	Breedte
1	current_state	sort	State	75px
5	mac	sort	MAC Address	150px
10	visitor_name	sort	Device Name	120px
20	visitor_company	sort	Company	100px
30	visitor_phone	sort	Phone	120px
60	role_name	sort	Role	120px
500	start_time	sort	Activation	180px
505	expire_time	sort	Expiration	180px
510	create_time	sort	Created	180px
600	sponsor_name	sort	Registered By	100px
650	mpsk_enable	sort	Wi-Fi Password	50px
700	airgroup_sharing	text	Sharing	300px

[Back to list of views](#)

[Back to pages](#)

[Velden aanpassen](#)  
[Back to list of views](#)  
[Dit overzicht gebruiken](#)

# Add the password field to "Managed Devices"

- Add the "mpsk" field that holds the password value.

The screenshot shows the ClearPass Guest configuration interface. The left sidebar contains a navigation menu with categories like 'Gast', 'Apparaten', 'Onboard', 'Configuratie', and 'Beheer'. The 'Configuratie' menu is expanded to show 'Pagina's', which includes 'Velden', 'Formulieren', 'Lijstweergaven', 'Zelfregistraties', 'Webaanmeldingen', and 'Webpagina's'. The 'Lijstweergaven' option is selected. The main content area displays the configuration for the 'mac\_list' view, titled 'Velden voor overzicht aanpassen (mac\_list)'. A 'View Field Editor' dialog box is open, showing the configuration for a new field named 'mpsk'. The 'Field Name' is set to 'mpsk', the 'Rank' is set to '660', and the 'Default Title' is 'Wi-Fi Password'. The 'Field' is enabled, and the 'Default Type' is 'Sortable text'. A 'Wijzigingen opslaan' button is visible at the bottom of the dialog box. The footer of the interface includes the copyright notice '© Copyright 2020 Hewlett Packard Enterprise Development LP' and the version information 'ClearPass Guest 6.9.0.130064 (Trial Version) on CLABV platform'.

# Check the change at Manage Devices

- Password field is visible now

Start » Apparaten » Apparaten beheren

## Apparaten beheren

De volgende tabel toont de apparaten die zijn aangemaakt. Klik op een account om dit te bewerken

Snelle hulp Maken Meer opties

Filter:

MAC-adres	Apparaatnaam	Verloop	Geregistreerd door	Wifi wachtwoord	Wifi wachtwoord	Delen
40-9C-28-6A-86-5F	iPhone van Marcel	2021-04-21 00:04	admin	Generated	jlpdslmz	Disabled

Vernieuwen 1 1 - 1 van 1 wordt weergegeven 20 rijen per pagina

Terug naar apparaten  
Terug naar hoofdmenu

# Add the password field to the export

Start » Apparaten » Apparaten exporteren

## Accounts exporteren

De standaard exportweergave aanpassen Apparaten beheren

Selecteer het formaat dat u wilt gebruiken om een bestand te downloaden dat de huidige lijst met apparaten bevat.

**Door komma's gescheiden waarden (CSV) exporteren**  
Exporteer de lijst met accounts in tekstformaat met komma's die elk veld scheiden.

**Door tabs gescheiden waarden (TSV) exporteren**  
De lijst met accounts exporteren in tekstindeling met een tabteken dat elk veld scheidt.

**Exporteren naar XML**  
De lijst met accounts exporteren in XML-indeling.

Terug naar apparaten  
Terug naar hoofdmenu

# Add the password field to the export

aruba ClearPass Guest Menu

Start » Configuratie » Pagina's » Lijstweergaven

Velden voor overzicht aanpassen (mac\_export)

Pas met onderstaande lijst de velden aan voor het overzicht *mac\_export*.

[Velden aanpassen](#)  
[Back to list of views](#)  
[Dit overzicht gebruiken](#)

[Snelle hulp](#) [Veld toevoegen](#)

Positie	Veld	Type	Title	Breedte
5	id	sort	User ID	50px
6	mac_auth	sort	Is Device	50px
10	mac	sort	MAC Address	150px
20	role_name	sort	Role	120px
30	enabled	sort	Status	75px
40	start_time	sort	Activation	180px
50	expire_time	sort	Expiration	180px
60	expire_postlogin	sort	Lifetime	100px
70	do_expire	sort	Expire Action	150px

[Back to list of views](#)

# Add the password field to the export

- Add the mpsk field

The screenshot shows the ClearPass Guest configuration interface. The left sidebar contains a navigation menu with categories like 'Gast', 'Apparaten', 'Onboard', 'Configuratie', and 'Pagina's'. The main content area is titled 'Velden voor overzicht aanpassen (mac\_export)'. Below the title, there is a 'View Field Editor' form with the following fields:

- \* Field Name: lmpsk (highlighted with a red box)
- Field:  Enable this field. When checked, the field will be included as part of the view.
- \* Rank: 80
- Geavanceerd:  Advanced view options... When checked, you will be able to override the default view options.
- Default Title: Wi-Fi Password
- Default Type: Sortable text
- Default Width: 150px
- Default CSS Style: white-space: nowrap;
- Default Format: Field Value
- Default Search: Aan

At the bottom of the form, there is a button labeled 'Wijzigingen opslaan' (Save changes), which is highlighted with a red box.

# Add the password field to the export

- add the mpsk\_enable field

The screenshot shows the ClearPass Guest configuration interface. The left sidebar contains a navigation menu with categories like 'Gast', 'Apparaten', 'Onboard', 'Configuratie', and 'Pagina's'. The main content area is titled 'Velden voor overzicht aanpassen (mac\_export)'. Below the title, there is a 'View Field Editor' form for the field 'mpsk\_enable'. The form includes the following fields and values:

Field Name	Value
* Field Name	mpsk_enable
Field	<input checked="" type="checkbox"/> Enable this field When checked, the field will be included as part of the view.
* Rank	90 Number indicating the relative ordering of fields, which are displayed in order of increasing rank.
Geavanceerd	<input type="checkbox"/> Advanced view options... When checked, you will be able to override the default view options.
Default Title	Wi-Fi Password
Default Type	Sortable text
Default Width	50px
Default Display Expression	data.mpsk_enable ? "Generated" : "None"
Default Search	Uit

At the bottom of the form, there is a 'Wijzigingen opslaan' button. The footer of the interface shows '© Copyright 2020 Hewlett Packard Enterprise Development LP' and 'ClearPass Guest 6.0.0.12064 (Trial Version) on CLARV platform'.

# Create an export

The screenshot shows the Aruba ClearPass Guest interface. On the left, a navigation menu has 'Apparaten exporteren' highlighted with a red box. The main area is titled 'Accounts exporteren' and contains three export options, each with a red box around its title: 'Door komma's gescheiden waarden (CSV) exporteren', 'Door tabs gescheiden waarden (TSV) exporteren', and 'Exporteren naar XML'. Below these are links for 'Terug naar apparaten' and 'Terug naar hoofdmenu'.

# Export File

- Note that the mpsk and mpsk\_enable fields are shown as "WiFi Password"

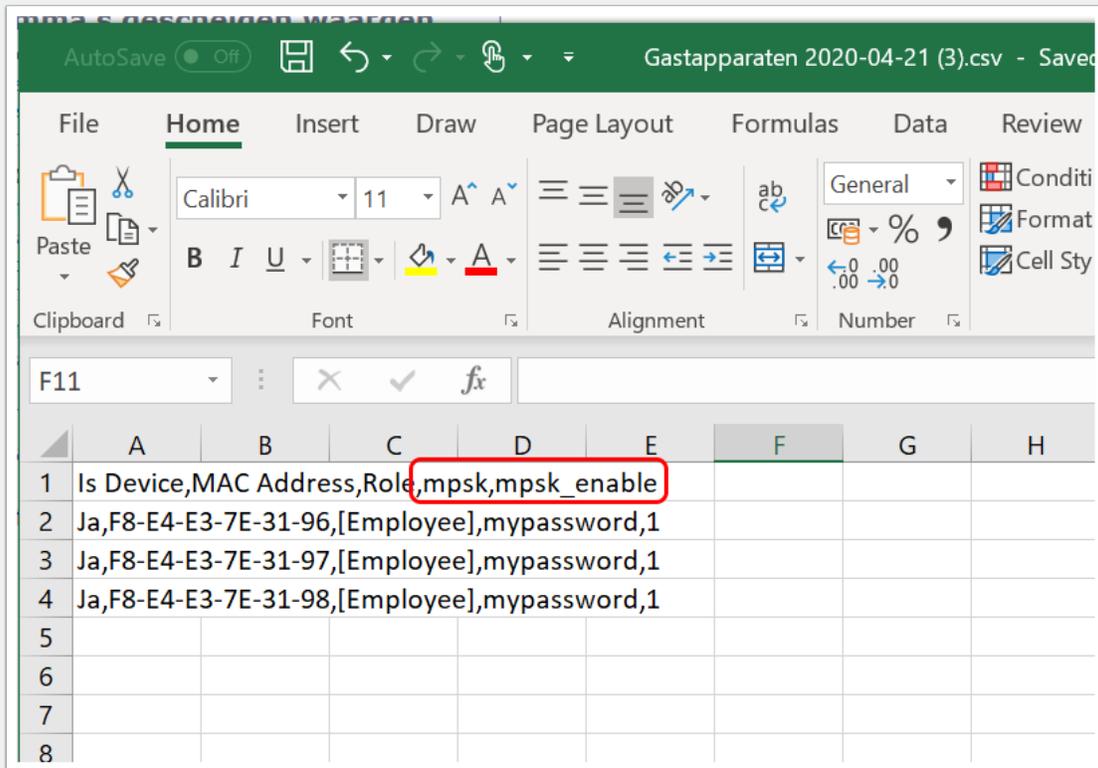
The screenshot shows an Excel spreadsheet with the following data:

Nummer	User ID	Is Device	MAC Address	Role	Activation	Expiration	Lifetime	Wi-Fi Password	Wi-Fi Password
1	3002	Ja	40-9C-28-6A-86-5F	[Employee]	2020-04-21 00:04	2021-04-21 00:04	0	jlpdslmz	1
3									
4									
5									

A red arrow points to the value 'jlpdslmz' in the 'Wi-Fi Password' column of the first data row.

# Import File

- In the import file you need the fields "mpsk" and "mpsk\_enable"



# Create an import

- Create an import

The screenshot shows the Aruba ClearPass Guest web interface. The left sidebar contains a navigation menu with the following items: Gast, Apparaten (highlighted), Apparaat maken, Apparaten exporteren, Apparaten importeren (highlighted with a red box), Apparaten beheren, and Meerdere apparaten beheren. The main content area is titled 'Accounts importeren' and shows 'Importeren: Stap 1 van 3'. Below this, there is a section titled 'Gebruikerslijst uploaden' with a warning icon and text: 'Maximale bestandsoverlappingsgrootte: 15.0 MB. Er kunnen maximaal 1000 records tegelijk worden geïmporteerd.' The 'Accountbestand' field has two buttons: 'Bestand kiezen' (highlighted with a red box) and 'Geen bestand gekozen'. Below this is a large text area for 'Accounttekst' with a note: 'Typ of plak de lijst met accounts. Dit veld kan leeg worden gelaten als u een bestand uploadt.' At the bottom, there is a 'Geavanceerd:' section with a checkbox for 'Extra importopties tonen' and a 'Volgende stap' button (highlighted with a red box).

# Create an import

**aruba** ClearPass Guest

**Gast**

- Apparaten
- Apparaat maken
- Apparaten exporteren
- Apparaten importeren
- Apparaten beheren
- Meerdere apparaten beheren

**Importeren: Stap 2 van 3**

Gegevens werden geïmporteerd van het formaat 'csv'. De eerste 4 records in de geïmporteerde gegevens worden hieronder weergegeven. De geïmp totaal 4 records.

Registreren	Is Device	MAC Address	Rol	Wi-Fi Password	Wi-Fi Password
1	Is Device	MAC Address	Role	mpsk	mpsk_enable
2	Ja	F8-E4-E3-7E-31-96	[Employee]	mypassword	1
3	Ja	F8-E4-E3-7E-31-97	[Employee]	mypassword	1
4	Ja	F8-E4-E3-7E-31-98	[Employee]	mypassword	1

U kunt deze gegevens bewerken door terug te keren naar stap 1.

Om accounts op basis van deze gegevens te maken, gebruikt u het onderstaande formulier om elk van de velden in de geïmporteerde gegevens te n parameters die nodig zijn om een apparaat te maken.

**Velden laten overeenkomen**

\* MAC:  Het MAC-adres van het apparaat.

\* Rol:  De rol die moet worden toegewezen aan elk van de gemaakte gastaccounts.

\* Activeringstijd:  De datum en tijd waarop de gastaccounts kunnen worden ingeschakeld.

\* Verlooptijd:  De datum en tijd waarop een gastaccount verloopt en wordt verwijderd.

\* Levensduur account:  Hoe lang het na de eerste aanmelding duurt voor het account verloopt en wordt verwijderd.

Actie bij verlopen:  Selecteer wat er moet gebeuren bij het verlopen van dit account. Er kan alleen worden afgemeld als de NAS voldoet aan RFC-3576.

\* Opmerkingen:  Een notitie opgeslagen bij elk van de gastaccounts.

Automatisch gedetecteerde velden:

- Is Device
- MAC Address
- Wi-Fi Password
- Wi-Fi Password

De bovenstaande velden zijn automatisch gedetecteerd in uw bestand. Vink degene aan die u wilt importeren.

# Create an import

aruba ClearPass Guest

Gast Start » Apparaten » Apparaten importeren

Apparaten Accounts importeren

- Apparaat maken
- Apparaten exporteren
- Apparaten importeren
- Apparaten beheren
- Meerdere apparaten beheren

**Importeren: Stap 3 van 3**

Er zijn 3 accounts in de geïmporteerde gegevens. Ze worden hieronder getoond.

U kunt deze gegevens wijzigen door terug te keren naar stap 2.

Om accounts te maken op basis van deze gegevens, selecteert u de accounts die moeten worden gemaakt.

Accounts importeren						
Selecteren Deze pagina (3) • Alle (3) • Geen • Nieuw (3) • Bestaande (0)						
Totaal aantal records dat momenteel is geselecteerd: 3						
	MAC Address	Rol	Is Device	Wi-Fi Password	Wi-Fi Password	
<input checked="" type="checkbox"/>	F8-E4-E3-7E-31-96	[Employee]	Ja	mypassword	1	
<input checked="" type="checkbox"/>	F8-E4-E3-7E-31-97	[Employee]	Ja	mypassword	1	
<input checked="" type="checkbox"/>	F8-E4-E3-7E-31-98	[Employee]	Ja	mypassword	1	

Vernieuwen 1 1 - 3 van 3 wordt weergegeven 20 rijen per pagina

Selecteer de accounts die u wilt importeren.

**Accounts maken**

# Check in Manage Devices

- Devices are successful imported and ready to use.

The screenshot shows the Aruba ClearPass Guest web interface. The left sidebar contains navigation options: 'Apparaten', 'Apparaat maken', 'Apparaten exporteren', 'Apparaten importeren', 'Apparaten beheren', and 'Meerdere apparaten beheren'. The 'Apparaten beheren' option is highlighted with a red box. The main content area is titled 'Apparaten beheren' and displays a table of devices. The table has columns for MAC-adres, Apparaatnaam, Verloop, Geregistreerd door, Wifi wachtwoord, and Delen. The first row is highlighted with a red box, showing a device with MAC address 40-9C-28-6A-86-5F, named 'iPhone van Marcel', registered on 2021-04-21 00:04 by 'admin', with a generated wifi password 'jlpdsimz' and a disabled status. Below the table, there are buttons for 'Vernieuwen' and '1', and a pagination indicator '1 - 4 van 4 wordt weergegeven' and '20 rjen per pagina'.

MAC-adres	Apparaatnaam	Verloop	Geregistreerd door	Wifi wachtwoord	Delen
40-9C-28-6A-86-5F	iPhone van Marcel	2021-04-21 00:04	admin	Generated jlpdsimz	Disabled
F8-E4-E3-7E-31-96		Geen vervaldatum	admin	Generated mypassword	Disabled
F8-E4-E3-7E-31-97		Geen vervaldatum	admin	Generated mypassword	Disabled
F8-E4-E3-7E-31-98		Geen vervaldatum	admin	Generated mypassword	Disabled