

Add WLAN controllers as NAD device in ClearPass

aruba ClearPass Policy Manager Menu

Configuration » Network » Devices

Network Devices

Add
Import
Export All
Discovered Devices

A Network Access Device (NAD) must belong to the global list of devices in the ClearPass database in order to connect to ClearPass.

Filter: Name contains Go Clear Filter Show 20 records

#	Name	IP or Subnet Address	Description
---	------	----------------------	-------------

Copy Export Delete

Administration

© Copyright 2020 Hewlett Packard Enterprise Development LP Apr 20, 2020 23:34:29 CEST 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 web interface. The left sidebar contains a navigation menu with sections: Dashboard, Monitoring, Configuration (highlighted), Services, Authentication, Identity, Posture, Enforcement, and Network. Under Configuration, 'Service Templates & Wizards' is selected and highlighted with a red box. The main content area is titled 'ClearPass Policy Manager' and 'Service Templates & Wizards'. It includes a breadcrumb 'Configuration > Service Templates & Wizards' and instructions: 'To configure service and related policies using the full wizard, click here.' and 'Or filter by service templates for common use cases: All Templates'. A list of service templates is shown, each with an icon and description. The 'Aruba Wireless with MPSK' template is highlighted with a red box. The footer contains copyright information, a timestamp, and the version of the ClearPass Policy Manager.

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.

© Copyright 2020 Hewlett Packard Enterprise Development LP Apr 20, 2020 23:36:12 CEST ClearPass Policy Manager 6.9.0.130064 on CLABV (Trial Version) platform

Create MPSK Service

- Add a name for the service

aruba ClearPass Policy Manager

Configuration > Service Templates & Wizards

Service Templates - Aruba Wireless with MPSK

General Wireless Network Settings Device Roles Enforcement Details

Name Prefix*:

Description

For wireless devices that do not support strong 802.1X authentication, Aruba MPSK allows each device to be assigned a unique pre-shared key during Device Registration. This service type handles the device authentication from an Aruba Mobility Controller or Instant AP.

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

Create MPSK Service

- Select the WLAN controller and SSID name

aruba ClearPass Policy Manager

Configuration > Service Templates & Wizards

Service Templates - Aruba Wireless with MPSK

General Wireless Network Settings Device Roles Enforcement Details

Select NAD Client:

SSID Name: (Enter single or multiple comma separated SSIDs)

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

Create MPSK Service

- Select a device role

The screenshot shows the Aruba ClearPass Policy Manager interface. The left sidebar contains navigation links: 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 'Service Templates - Aruba Wireless with MPSK' and has tabs for General, Wireless Network Settings, Device Roles, and Enforcement Details. The 'Device Roles' tab is selected, displaying a table with 10 rows for 'Device Role 1' through 'Device Role 10'. 'Device Role 1' is highlighted with a red box and contains the text 'Employee'. Below the table, there are four buttons: 'Back to Service Templates & Wizards', 'Delete', 'Next ->', and 'Add Service'. The 'Next ->' button is highlighted with a red box. A 'Cancel' button is also present.

Device Role	Value
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:	

Navigation buttons: [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.

aruba ClearPass Policy Manager Menu

Configuration > Service Templates & Wizards

Service Templates - Aruba Wireless with MPSK

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

Create a New Enforcement Policy

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

Default MPSK*:

Default Aruba User Role*: authenticated

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)

aruba ClearPass Policy Manager

Configuration > Services

Services

Services have been reordered successfully

This page shows the current list and order of services that ClearPass follows during authentication and authorization.

Filter: Name contains Go Clear Filter Show 20 records

#	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	✓

Showing 1-7 of 7

Reorder Copy Export Delete

Create SSID with MPSK

aruba MOBILITY MASTER HomeLAB-MM01

CONTROLLERS 2 ACCESS POINTS 2 CLIENTS 2 ALERTS 0

Managed Network > HomeLAB

Dashboard

Configuration

WLANs 2

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

+

Create SSID with MPSK

The screenshot shows the 'New WLAN' configuration page in the Aruba Mobility Master interface. The 'General' tab is selected, and several fields are highlighted with red boxes: 'Name (SSID)' is set to 'HomeLAB-MPSK', 'Primary usage' is set to 'Employee', 'Broadcast on' is set to 'HomeLAB' (with 'default' and 'AP-C-RAP' also visible), and 'Forwarding mode' is set to 'Tunnel'. The 'VLANs' tab is also visible in the progress bar.

aruba MOBILITY MASTER HomeLAB-MM01

CONTROLLERS 2 2 ACCESS POINTS 2 0 CLIENTS 2 0 ALERTS 0

Managed Network > HomeLAB >

Dashboard

Configuration

WLANs

Roles & Policies

Access Points

AP Groups

Authentication

Services

Interfaces

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Tasks

Redundancy

Maintenance

New WLAN

General VLANs Security Access

Name (SSID): HomeLAB-MPSK

Primary usage: ☒ Employee ☐ Guest

Select AP Groups

Broadcast on: ☐ default ☒ HomeLAB ☐ TEST

Forwarding mode: Tunnel

Create SSID with MPSK

- Select the vlan ID or named vlan

The screenshot shows the 'New WLAN' configuration page in the Aruba Mobility Master interface. The 'VLANs' tab is selected in the progress bar. The 'VLAN' field is highlighted with a red box and set to 'emp-vlan'. A 'Show VLAN details' link is visible below the field.

aruba MOBILITY MASTER HomeLAB-MM01

CONTROLLERS 2 2 ACCESS POINTS 2 0 CLIENTS 2 0 ALERTS 0

Managed Network > HomeLAB >

Dashboard

Configuration

WLANs

Roles & Policies

Access Points

AP Groups

Authentication

Services

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Tasks

Redundancy

Maintenance

New WLAN

General VLANs Security Access

VLAN: emp-vlan

[Show VLAN details](#)

Create SSID with MPSK

- Select WPA2-Personal and select MPSK

The screenshot shows the Aruba Mobility Master interface for configuring a new WLAN. The 'General' tab is selected. On the left, a security slider is set to 'Personal'. In the 'Key management' section, 'WPA2-Personal' is selected in the dropdown, and 'Use Aruba Multi-Pre-Shared Keys (MPSK)' is selected with a radio button. The 'Auth servers' section has a '+' button to add servers. 'MAC authentication' is set to 'Enabled'.

Aruba MOBILITY MASTER HomeLAB-MM01

CONTROLLERS 2 2 ACCESS POINTS 2 0 CLIENTS 2 0 ALERTS 0

Managed Network > HomeLAB >

Dashboard

Configuration

WLANs

Roles & Policies

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Maintenance

New WLAN

General VLANs Security Access

More Secure

Enterprise

Personal

Open

Less Secure

Key management:

WPA2-Personal

Use static Pre-Shared Key (PSK)

Passphrase:

Retype:

Use Aruba Multi-Pre-Shared Keys (MPSK)

Auth servers:

+

MAC authentication: Enabled

Create SSID with MPSK

- Create a new radius server if needed

Add Existing Server

ClearPass

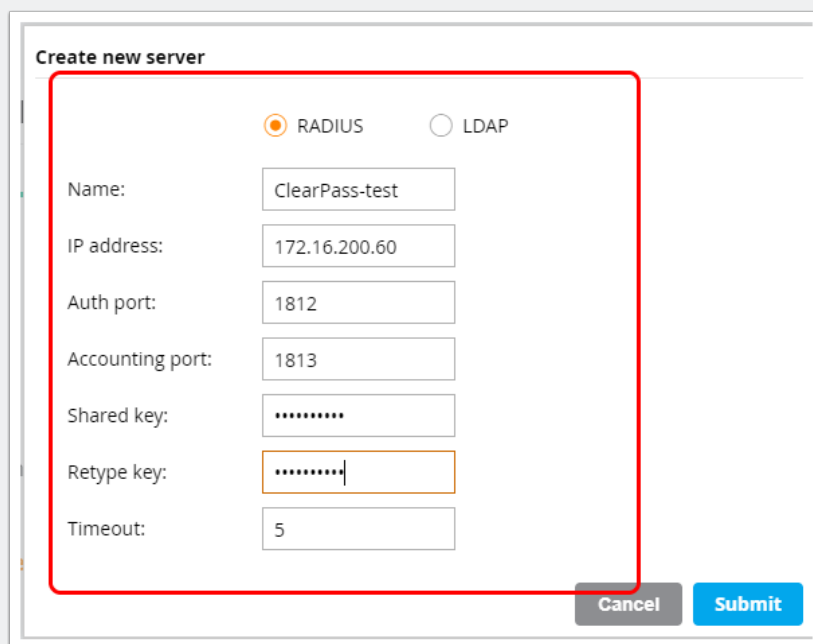
+

Cancel

OK

Create SSID with MPSK

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



The screenshot shows a 'Create new server' dialog box with a red border. It contains the following fields and options:

- Protocol:** ☒ RADIUS, ☐ LDAP
- Name:** ClearPass-test
- IP address:** 172.16.200.60
- Auth port:** 1812
- Accounting port:** 1813
- Shared key:** [Redacted with dots]
- Retype key:** [Redacted with dots]
- Timeout:** 5

At the bottom right, there are two buttons: 'Cancel' (grey) and 'Submit' (blue).

Create SSID with MPSK

The screenshot shows the 'New WLAN' configuration page in the Aruba Mobility Master. The 'Security' tab is selected, and the 'Key management' section is expanded. The 'Use Aruba Multi-Pre-Shared Keys (MPSK)' option is selected and highlighted with a red box. The 'Auth servers' section is also visible, showing a plus sign to add servers. The 'MAC authentication' is set to 'Enabled'.

Aruba MOBILITY MASTER HomeLAB-MM01

CONTROLLERS 2 2 ACCESS POINTS 2 0 CLIENTS 2 0 ALERTS 0

Managed Network > HomeLAB >

Dashboard

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New WLAN

General VLANs Security Access

More Secure

Enterprise

Personal

Open

Less Secure

Key management:

WPA2-Personal

Use static Pre-Shared Key (PSK)

Passphrase:

Retype:

Use Aruba Multi-Pre-Shared Keys (MPSK)

ClearPa...

Auth servers:

+

MAC authentication: Enabled

Create SSID with MPSK

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

The screenshot shows the 'New WLAN' configuration page in the Aruba Mobility Master. The 'General' tab is selected, and the 'Default role' is set to 'logon' and the 'MAC authentication role' is set to 'guest'. A red box highlights these two settings. The 'Show roles' link is also visible.

Aruba MOBILITY MASTER HomeLAB-MM01

CONTROLLERS 2 2 ACCESS POINTS 2 0 CLIENTS 2 0 ALERTS 0

Managed Network > HomeLAB >

Dashboard

Configuration

WLANs

Roles & Policies

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Authentication

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Tasks

Redundancy

Maintenance

New WLAN

General VLANs Security Access

Default role: logon

MAC authentication role: guest

Show roles

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.

The screenshot displays the Aruba Mobility Master configuration interface for a HomeLAB network. The top navigation bar shows the network status: 2 Controllers, 2 Access Points, 2 Clients, and 0 Alerts. The left sidebar lists the network hierarchy: Managed Network > HomeLAB > Mobility Master > HomeLAB-MM02 > HomeLAB-MM01 > Managed Network (4) > HomeLAB (2) > HomeLAB-MC01 > HomeLAB-MC02 > Remote (2) > HomeLAB-RC01 > HomeLAB-RC02. The main configuration area is divided into two tabs: 'Auth Servers' and 'AAA Profiles'. The 'AAA Profiles' tab is active, showing a list of profiles. The 'MAC Authentication Server Group' profile is highlighted. The 'Server Group: default' dropdown menu is open, showing a list of server groups, with 'HomeLAB-MPSK_dot1_svg' selected. The 'Server Group: default' dropdown menu is also open, showing a list of server groups, with 'HomeLAB-MPSK_dot1_svg' selected.

Test authentication with the default PSK

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

The screenshot displays the Aruba ClearPass Policy Manager interface. On the left, the navigation menu shows 'Monitoring' selected, with 'Access Tracker' highlighted. The main panel is titled 'Access Tracker' and shows a table of requests. The first request is highlighted with a red box, showing details for a successful authentication.

Access Tracker Table:

#	Server	Source	Username	Service	Login Status	Request Timestamp
1.	172.16.200.60	RADIUS	f8e4e37e3196	SSID HomeLAB-MPSK Service Aruba Wireless with MPSK	ACCEPT	2020/04/20 23:56:4

Request Details:

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)

RADIUS Response:

Radius:Aruba:Aruba-MPSK-Passphrase	*****
Radius:Aruba:Aruba-User-Role	authenticated

Role is pushed to the wlan controller

Login to ClearPass Guest module

The screenshot displays the Aruba ClearPass Policy Manager web interface. The left sidebar contains a navigation menu with the following items: Dashboard, Alerts, All Requests, Applications, Authentication Status, Cluster Status, Device Category, Device Family, Endpoint Profiler Summary, Failed Authentications, Monitoring (highlighted), Configuration, and Administration. The main content area is titled 'ClearPass Policy Manager' and includes a 'Menu' button. The 'Cluster Status' section shows a table with columns: Status, Host Name, Management IPv4, Management IPv6, Server Role, Last Replication, and Status. The table contains one entry for 'cppm-test' with a status of 'OK'. Below this, there are two charts: 'System CPU Utilization' and 'Request Processing Time'. The 'Quick Links' section lists various management tasks, with 'ClearPass Guest' highlighted. The 'All Requests' section shows a bar chart of requests over time.

Cluster Status

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

System CPU Utilization

Percentage

Time (mins)

Legend: System, User, IO Wait, Idle

Request Processing Time

Time Taken (msecs)

Time (mins)

Legend: RADIUS, WebAuth

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

Time

Legend: [All Requests]

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Enable MPSK

- Enable MPSK so every device gets a generated WiFi key

aruba

Gast

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Onboard

Configuratie

Beheer

API-services

Aruba-integraties

Controllers

AirGroup-configuratie

MPSK-configuratie

Beveiliging controleren

Gegevensretentie

Extensies

Configuratie importeren

Aanmeldingen operator

Invoegtoepassingenbeheer

Ondersteuning

ClearPass Guest

Menu

Start » Beheer » Aruba-integraties » MPSK-configuratie

Configure MPSK

Use this form to make changes to the configuration options for Aruba MPSK.

Configure MPSK

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

The method used to generate a random device MPSK.

* Random Password Length:

8

Number of characters to include in randomly-generated pre-shared keys.

MPSK Example:

xmzwnctxd

Generate

Save Configuration

* vereist veld

Back to Aruba integrations

Back to administration

Terug naar hoofdmenu

16

Add a device manual

aruba

Gast

Apparaten

Apparaat maken

Apparaten exporteren

Apparaten importeren

Apparaten beheren

Meerdere apparaten beheren

Onboard

ClearPass Guest

Menu

Start » Apparaten » Apparaat maken

Apparaat maken

Apparaten beheren

Nieuw apparaat wordt gemaakt door **admin**.

Nieuw apparaat maken

* MAC-adres:40:9c:28:6a:86:5f

MAC-adres van het apparaat.

* Apparaatnaam:iPhone van Marcel

De naam van het apparaat.

Wifi-wachtwoord:☒ Gebruik een uniek wifi-wachtwoord voor dit apparaat

☐ AirGroup inschakelen

AirGroup:AirGroup maakt gebruik van apparaateigendoms- en locatie-informatie om te beperken welke printers en Apple TV's beschikbaar zijn voor netwerkgebruikers.

Accountactivering:Nu

Selecteer een optie voor het wijzigen van de activeringstijd van dit account.

Verlooptdatum account:1 year from now

Selecteer een optie voor het wijzigen van de verlooptijd van dit account.

* Accountrol:[Employee]

Rol die aan dit account moet worden toegewezen.

Opmerkingen:

Gebruiksvoorwaarden:☒ Ik ben de sponsor van dit account en ga akkoord met de gebruiksvoorwaarden

Maken

* vereist veld

Add a device manual

aruba ClearPass Guest Menu

Gast

Apparaten

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

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
Verlooptdatum account:	Account verloopt om woensdag, 21 april 2021, 00:04
Accountrol:	[Employee]
Geregistreerd door:	admin
Wi-Fi Password:	jlpdslmz

Afdrukvenster openen met sjabloon ...

[Terug naar apparaten](#)

[Terug naar hoofdmenu](#)

[Ander apparaat maken](#)

[Apparaten beheren](#)

Make passwords visible

aruba ClearPass Guest Menu

Gast

Apparaten

Onboard

Configuratie

- Verificatie
- Inhoudsbeheerder
- Gastbeheerder
- Hotspot-beheerder
- Transactieverwerkers
- Pagina's
 - Velden
 - Formulieren
 - Lijstweergaven
 - Zelfregistraties
 - Webaanmeldingen
 - Webpagina's
- Ontvangstbewijzen
- SMS-services
- Vertalingen

* 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: 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"



aruba ClearPass Guest Menu

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	Delen
40-9C-28-6A-86-5F	iPhone van Marcel	2021-04-21 00:04	admin	Generated	Disabled

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

[Terug naar apparaten](#)
[Terug naar hoofdmenu](#)

Add the password field to "Managed Devices"



aruba ClearPass Guest Menu

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**

Apparaten exporteren
Een lijst met alle huidige apparaten exporteren naar een bestand. U kunt hier het formaat selecteren waarnaar u wilt exporteren.

Apparaten importeren
Importeer een lijst met apparaten uit een tekstbestand en maak een gastaccount voor elk item in de lijst.

Kolommen
Kolommen in de lijst toevoegen of verwijderen.

Filter:

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	Disabled

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

Add the password field to "Managed Devices"



aruba ClearPass Guest Menu

Start » Configuratie » Pagina's » Lijstweergaven

Velden voor overzicht aanpassen (mac_list)

Pas met onderstaande lijst de velden aan voor het overzicht **mac_list**.

[Snelle 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. On the left is a navigation menu with the Aruba logo and various sections: Gast, Apparaten, Onboard, Configuratie (selected), and Beheer. Under 'Configuratie', there are sub-items like Verificatie, Inhoudsbeheerder, Gastbeheerder, Hotspot-beheerder, Transactieverwerkers, and 'Pagina's'. Under 'Pagina's', there are 'Velden', 'Formulieren', 'Lijstweergaven' (selected), 'Zelfregistraties', 'Webaanmeldingen', and 'Webpagina's'. The main content area is titled 'ClearPass Guest' and shows the breadcrumb 'Start » Configuratie » Pagina's » Lijstweergaven'. The current view is 'Velden voor overzicht aanpassen (mac_list)'. There are links for 'Velden aanpassen', 'Back to list of views', and 'Dit overzicht gebruiken'. A note says 'Pas met onderstaande lijst de velden aan voor het overzicht mac_list.' Below this is a 'View Field Editor' form. The form has a 'Field Name' dropdown set to 'mpsk', an 'Enable this field' checkbox checked, a 'Rank' input field set to '660', and a 'Default Title' of 'Wi-Fi Password'. Other fields include 'Default Type' (Sortable text), 'Default Width' (150px), 'Default CSS Style' (white-space: nowrap;), 'Default Format' (Field Value), and 'Default Search' (Aan). A 'Wijzigingen opslaan' button is at the bottom. The footer shows '© Copyright 2020 Hewlett Packard Enterprise Development LP' and 'ClearPass Guest 6.9.0.130064 (Trial Version) on CLABV platform'.

aruba ClearPass Guest Menu

Start » Configuratie » Pagina's » Lijstweergaven

Velden voor overzicht aanpassen (mac_list)

Velden aanpassen
Back to list of views
Dit overzicht gebruiken

Pas met onderstaande lijst de velden aan voor het overzicht mac_list.

Snelle hulp Veld toevoegen

View Field Editor

* Field Name: mpsk
Select the field definition to display in the view.

Field: ☒ Enable this field
When checked, the field will be included as part of the view.

* Rank: 660
Number indicating the relative ordering of fields, which are displayed in order of increasing rank.

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

Wijzigingen opslaan

* vereist veld

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Check the change at Manage Devices

- Password field is visible now

aruba ClearPass Guest Menu

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

aruba ClearPass Guest Menu

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

Gast

Apparaten

Onboard

Configuratie

Verificatie

Inhoudsbeheerder

Gastbeheerder

Hotspot-beheerder

Transactieverwerkers

Pagina's

Velden

Formulieren

Lijstweergaven

Zelfregistraties

Webaanmeldingen

Webpagina's

Ontvangstbewijzen

SMS-services

Vertalingen

Start » Configuratie » Pagina's » Lijstweergaven

Velden voor overzicht aanpassen (mac_export)

Pas met onderstaande lijst de velden aan voor het overzicht **mac_export**.

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

Back to page

Velden aanpassen

Back to list of views

Dit overzicht gebruiken

Add the password field to the export

- Add the mpsk field

The screenshot shows the ClearPass Guest configuration interface. On the left is a sidebar with the 'aruba' logo and a navigation menu. The main content area is titled 'ClearPass Guest' and shows the breadcrumb 'Start » Configuratie » Pagina's » Lijstweergaven'. The current view is 'Velden voor overzicht aanpassen (mac_export)'. Below this, there is a message: 'Pas met onderstaande lijst de velden aan voor het overzicht **mac_export**.' The 'View Field Editor' form is displayed, with the following fields and values:

View Field Editor	
* Field Name	mpsk <small>Select the field definition to display in the view.</small>
Field:	<input checked="" type="checkbox"/> Enable this field <small>When checked, the field will be included as part of the view.</small>
* Rank:	80 <small>Number indicating the relative ordering of fields, which are displayed in order of increasing rank.</small>
Geavanceerd:	<input type="checkbox"/> Advanced view options... <small>When checked, you will be able to override the default view options.</small>
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. In the top right corner, there are three links: 'Velden aanpassen', 'Back to list of views', and 'Dit overzicht gebruiken'.

Add the password field to the export

- add the mpsk_enable field

The screenshot shows the ClearPass Guest configuration interface. On the left is a navigation menu with the Aruba logo and various sections: Gast, Apparaten, Onboard, Configuratie (selected), and Beheer. Under 'Configuratie', there are sub-items like Verificatie, Inhoudsbeheerder, Gastbeheerder, Hotspot-beheerder, Transactieverwerkers, and 'Pagina's'. Under 'Pagina's', there are 'Velden', 'Formulieren', 'Lijstweergaven' (selected), 'Zelfregistraties', 'Webaanmeldingen', and 'Webpagina's'. Other items include 'Ontvangstbewijzen', 'SMS-services', and 'Vertalingen'.

The main content area is titled 'ClearPass Guest' and shows the breadcrumb 'Start » Configuratie » Pagina's » Lijstweergaven'. The current view is 'Velden voor overzicht aanpassen (mac_export)'. There are three action links: 'Velden aanpassen', 'Back to list of views', and 'Dit overzicht gebruiken'.

Below the breadcrumb, there is a note: 'Pas met onderstaande lijst de velden aan voor het overzicht **mac_export**.' Below this is a 'View Field Editor' form. The form has a 'Snelle hulp' button and a 'Veld toevoegen' button. The form fields are:

- * Field Name: mpsk_enable (dropdown menu)
- Field: ☒ Enable this field. When checked, the field will be included as part of the view.
- * Rank: 90 (text input). Number indicating the relative ordering of fields, which are displayed in order of increasing rank.
- 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: 50px
- Default Display Expression: data.mpsk_enable ? "Generated" : "None"
- Default Search: Uit

At the bottom of the form is a 'Wijzigingen opslaan' button. The footer of the interface shows '© Copyright 2020 Hewlett-Packard Enterprise Development LP' and 'ClearPass Guest 5.9.0.12064 (Trial Version) on CLARV platform'.

Create an export

The screenshot shows the Aruba ClearPass Guest web interface. On the left, the 'Apparaten' (Devices) menu is expanded, with 'Apparaten exporteren' (Export devices) highlighted. The main content area shows the 'Accounts exporteren' (Export accounts) page. It includes a breadcrumb trail 'Start » Apparaten » Apparaten exporteren' and a title 'Accounts exporteren'. Below the title, there is a message: 'Selecteer het formaat dat u wilt gebruiken om een bestand te downloaden dat de huidige lijst met apparaten bevat.' (Select the format you want to use to download a file containing the current list of devices). Three export options are listed: 'Door komma's gescheiden waarden (CSV) exporteren' (Export using comma-separated values (CSV)), 'Door tabs gescheiden waarden (TSV) exporteren' (Export using tab-separated values (TSV)), and 'Exporteren naar XML' (Export to XML). Each option has a brief description of the file format. At the bottom, there are links to 'Terug naar apparaten' (Back to devices) and 'Terug naar hoofdmenu' (Back to main menu).

Export File

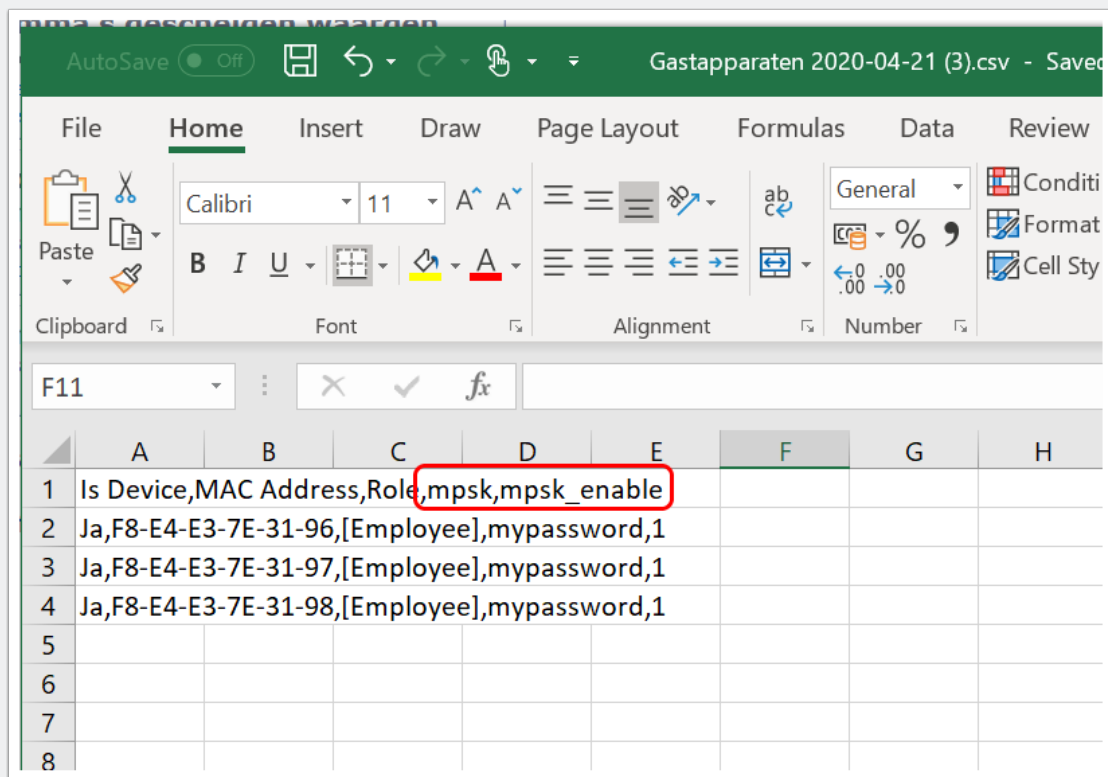
- Note that the mpsk and mpsk_enable fields are shown as "WiFi Password"

The screenshot shows an Excel spreadsheet titled 'Gastapparaten 2020-04-21 (3).csv'. The spreadsheet has a header row with the following columns: 'Nummer', 'User ID', 'Is Device', 'MAC Address', 'Role', 'Activation', 'Expiration', 'Lifetime', 'Wi-Fi Password', and 'Wi-Fi Password'. The first data row contains the following values: '1', '3002', 'Ja', '40-9C-28-6A-86-5F', '[Employee]', '2020-04-21 00:04', '2021-04-21 00:04', '0', 'jlpdslmz', and '1'. A red arrow points to the 'Wi-Fi Password' column in the first data row.

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									

Import File

- In the import file you need the fields "mpsk" and "mpsk_enable"



Create an import

- Create an import

aruba ClearPass Guest

Start » Apparaten » Apparaten importeren

Accounts importeren

Importeren: Stap 1 van 3

Geef eerst de gegevens op om accounts te importeren. U kunt gegevens in XML, door komma's gescheiden waarden (CSV), door tabs gescheiden waarden (TSV) of platte tekstindeling leveren.

U kunt een bestand met de lijst met accounts uploaden of de lijst met accounts kopiëren en in het onderstaande formulier plakken

Gebruikerslijst uploaden

Maximale grootte: Maximale bestandsuploadgrootte: 15.0 MB.
Er kunnen maximaal 1000 records tegelijk worden geïmporteerd.

Accountbestand: **Bestand kiezen** **Geen bestand gekozen**

Accounttekst:

Typ of plak de lijst met accounts. Dit veld kan leeg worden gelaten als u een bestand uploadt.

Geavanceerd: ☐ Extra importopties tonen

Volgende stap

Create an import

aruba

Gast

Apparaten

Apparaat maken

Apparaten exporteren

Apparaten importeren

Apparaten beheren

Meerdere apparaten beheren

Onboard

Configuratie

ClearPass Guest

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:

MAC Address

Het MAC-adres van het apparaat.

* Rol:

Rol

De rol die moet worden toegewezen aan elk van de gemaakte gastaccounts.

* Activeringstijd:

Geen (onmiddellijk activeren)

De datum en tijd waarop de gastaccounts kunnen worden ingeschakeld.

* Verlooptijd:

Geen (geen vervaldatum)

De datum en tijd waarop een gastaccount verloopt en wordt verwijderd.

* Levensduur account:

Geen (geen levensduur)

Hoe lang het na de eerste aanmelding duurt voor het account verloopt en wordt verwijderd.

Actie bij verlopen:

Delete and logout at specified time

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

* Opmerkingen:

Geen

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.

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Create an import

aruba

Gast

Apparaten

Apparaat maken

Apparaten exporteren

Apparaten importeren

Apparaten beheren

Meerdere apparaten beheren

Start » Apparaten » Apparaten importeren

Accounts importeren

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 succesfull imported and ready to use.

aruba ClearPass Guest

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	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

Vernieuwen 1 1 - 4 van 4 wordt weergegeven 20 rijen per pagina

Terug naar apparaten

Terug naar hoofdmenu