

If not present then manually configure attribute “Aruba-Captive-Portal-URL” under Aruba Dictionary. This attribute will support dynamic URL redirection for Posturing.

Dictionaries > ... > Aruba > **Aruba-Captive-Portal-URL**

* Attribute Name'

Description

* Data Type Enable MAC option

* Direction

* ID (0-255)

Allow Tagging

Allow multiple instances of this attribute in a profile

Ensure attached Aruba_Wireless Network Device Profile is imported on Cisco ISE.

The screenshot shows the Cisco ISE Administration console. The breadcrumb navigation is: Identity Services Engine > Administration > Work Centers > Network Device Profiles. The page title is "Network Device Profiles" with "Selected 0 | Total 1" on the right. The toolbar includes: Edit, Add, Duplicate, Import, Cisco Communities Import, Export Selected, and Delete Selected. A "Show Quick Filter" dropdown is also present. The table below lists the profile:

Name	Description	Vendor	Source
ArubaWireless_copy	Profile for Aruba wireless network access devices	Aruba	User Defined

- To support dynamic URL Redirection, ensure following configuration in Aruba_Wireless profile under Redirect tab.

The screenshot shows the Cisco Identity Services Engine (ISE) configuration interface. The top navigation bar includes 'Home', 'Context Visibility', 'Operations', 'Policy', 'Administration', and 'Work Centers'. The breadcrumb trail is 'System > Identity Management > Network Resources > Device Portal Management > pxGrid Services > Feed Service > Threat Cer'. The main navigation includes 'Network Devices', 'Network Device Groups', 'Network Device Profiles', 'External RADIUS Servers', 'RADIUS Server Sequences', and 'NAC Manag'. The 'Redirect' tab is active, showing a configuration for 'Dynamic URL'. The 'Type' is set to 'Dynamic URL'. The configuration shows 'Aruba:Aruba-Captive-Portal-URL' set to '\$URL'. Below this, the 'Dynamic URL Parameter' section has three radio buttons: 'Session ID', 'Client MAC Address' (which is selected), and 'None'. The 'Redirect URL Parameter Names' section contains five input fields: 'Client IP Address' with 'ip', 'Client MAC Address' with 'mac', 'Originating URL' with 'url', 'Session ID' (empty), and 'SSID' with 'essid'.

Identity Services Engine Home Context Visibility Operations Policy Administration Work Centers

System Identity Management Network Resources Device Portal Management pxGrid Services Feed Service Threat Cer

Network Devices Network Device Groups Network Device Profiles External RADIUS Servers RADIUS Server Sequences NAC Manag

Redirect

Type Dynamic URL

Aruba:Aruba-Captive-Portal-URL = \$URL

Dynamic URL Parameter

Session ID

Client MAC Address

None

Redirect URL Parameter Names

Client IP Address ip

Client MAC Address mac

Originating URL url

Session ID

SSID essid

- Ensure below configuration in Aruba_Wireless profile to support CoA functionality.

Network Device Profile List > [ArubaWireless_copy](#)

Network Device Profiles

* Name

Description

Icon  

Vendor

Supported Protocols

RADIUS

TACACS+

TrustSec

RADIUS Dictionaries

▼ Change of Authorization (CoA)

CoA by

* Default CoA Port ⓘ

* Default DTLS CoA Port ⓘ

* Timeout Interval seconds ⓘ

* Retry Count ⓘ

Send Message-Authenticator

Disconnect

RFC 5176

ⓘ = ⓘ - +

Port Bounce

ⓘ = ⓘ - +

Port Shutdown

ⓘ = ⓘ - +

Re-authenticate

- Authorization Profile for Posture Unknown.

Here, under Common Tasks we need to configure name of ACL Role defined on IAP. In that ACL role traffic explicitly allowed is bypassed from Redirection and hence by default rest of traffic will be redirected by Aruba IAP.

Recommended Bypass traffic at minimum is DNS, DHCP and ISE Servers.


[Authorization Profiles](#) > [Posture_Unknown_Access_Aruba_Wireless](#)

Authorization Profile

* Name

Description

* Access Type

Network Device Profile 

▼ Common Tasks

ACL

Security Group

▼ **Common Tasks**

Web Redirection (CWA, MDM, NSP, CPP) ⓘ

Client Provisioning (Posture) ▼

Value Client Provisioning Portal (defa ▼

▼ **Advanced Attributes Settings**

Select an item ▼ = [] ▼ - +

▼ **Attributes Details**

Access Type = ACCESS_ACCEPT
Aruba-User-Role = LimitedAccess
Aruba-Captive-Portal-URL = https://ip:port/portal/gateway?mac=ClientMacValue&portal=f189d6e0-7159-11e7-a355-005056aba474&action=cpp

- Authorization Profile for Posture Compliant

[Authorization Profiles](#) > [Posture-complaint-Access_Aruba_Wireless](#)

Authorization Profile

* Name Posture-complaint-Access_Aruba_!

Description Final Access for Posture Complaint endpoints

* Access Type ACCESS_ACCEPT ▼

Network Device Profile ArubaWireless_copy ▼ ⓘ

▼ **Common Tasks**

ACL FullAccess

Security Group

▶ **Advanced Attributes Settings**

▼ **Attributes Details**

Access Type = ACCESS_ACCEPT
Aruba-User-Role = FullAccess