

Using Interface Persona (Template)

Description

Starting in Aruba OS CX 10.10 a new feature called interface persona was introduced. This feature allows you to build interface templates and attach or copy a interfaces to those personas (templates). This is great for configuring multiple interfaces with the same configuration.

There are a couple of things to note, copying a interface persona will copy the config from the persona into the interface and nothing more. Attaching a interface to a persona will link the configuration to the persona, if you make a change to the persona it will also change all of the interfaces that are attached to the persona. You will see how to attach a interface to a persona in the config example below.

Defining a interface persona

In this example I am setting up a dot1x persona (template) that I want to apply to several interfaces.

```
## interface persona dot1x-auth
no shutdown
mtu 9198
no routing
vlan access 1
qos trust dscp
loop-protect action tx-rx-disable
aaa authentication port-access client-limit 10
aaa authentication port-access dot1x authenticator
    eapol-timeout 10
    max-eapol-requests 1
    max-retries 1
    enable
aaa authentication port-access mac-auth
    enable
```

Attaching a interface to a persona

This is an example of a default interface before I attach it to a persona

```
show running-config interface 1/1/10
interface 1/1/10
  no shutdown
  no routing
  vlan access 1
  exit
```

Now I will attach the interface to a persona

```
“(config)# interface 1/1/10
CX6300-Core(config-if)# persona custom dot1x-auth attach
```

After the interface has been attached to the persona you can see that the interface is linked to the configuration in the persona

```
“( # show running-config interface 1/1/10
interface 1/1/10
  no shutdown
  persona custom dot1x-auth attach
  mtu 9198
  no routing
  vlan access 1
  qos trust dscp
  aaa authentication port-access client-limit 10
  aaa authentication port-access dot1x authenticator
    eapol-timeout 10
    max-eapol-requests 1
    max-retries 1
    enable
  aaa authentication port-access mac-auth
    enable
  loop-protect action tx-rx-disable
  exit
```

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