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HPE aruba networking

AOS-CX 10.13 Update:
Global Knob for DFP & CIPT

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Global Knob for DFP enablement

- Device fingerprinting helps categorize connected devices by analyzing the data sent by the devices.
- The information collected is based on certain type of traffic from the devices sending packets of the supported protocols—DHCP, HTTP, LLDP, and CDP

Existing Capability : Device fingerprinting profile enabled at each interface context

```
Bldg4-Acc-6200-VSF(config-if)# show running-config
interface 3/1/2
    no shutdown
    no routing
    vlan access 1
    client device-fingerprint apply-profile http_pro
    exit

interface 3/1/3
    no shutdown
    no routing
    vlan access 1
    client device-fingerprint apply-profile dhcp_pro
    exit
```

In 10.13 –device finger printing profile globally under config context

```
Bldg4-Acc-6200-VSF(config)# client device-fingerprint apply-profile http_pro
Bldg4-Acc-6200-VSF(config)# client device-fingerprint apply-profile dhcp_pro
```

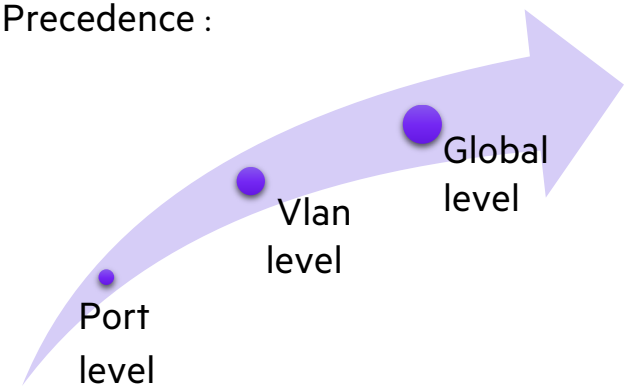
Note : Interface level profile always takes precedence

Platforms: 6200, 6300, 6400, 4100i

Global Knob for Client IP tracker enablement

```
switch(config)# client track ip all-vlans
```

Precedence :



- The client IP address tracking feature will learn and update the IP addresses of the access devices and clients connected to the switch.
- It can track addresses of directly connected clients, as well as clients connected to a downstream device such as a wireless access point.

In 10.13 :

- A single Global knob to enable client IP tracker on all Vlans is introduced.
- This enhancement avoids configuring client IP tracker at per vlan level.

Platforms Supported : 6200, 6300, 6400, 4100i, 6100, 6000

Thank you

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