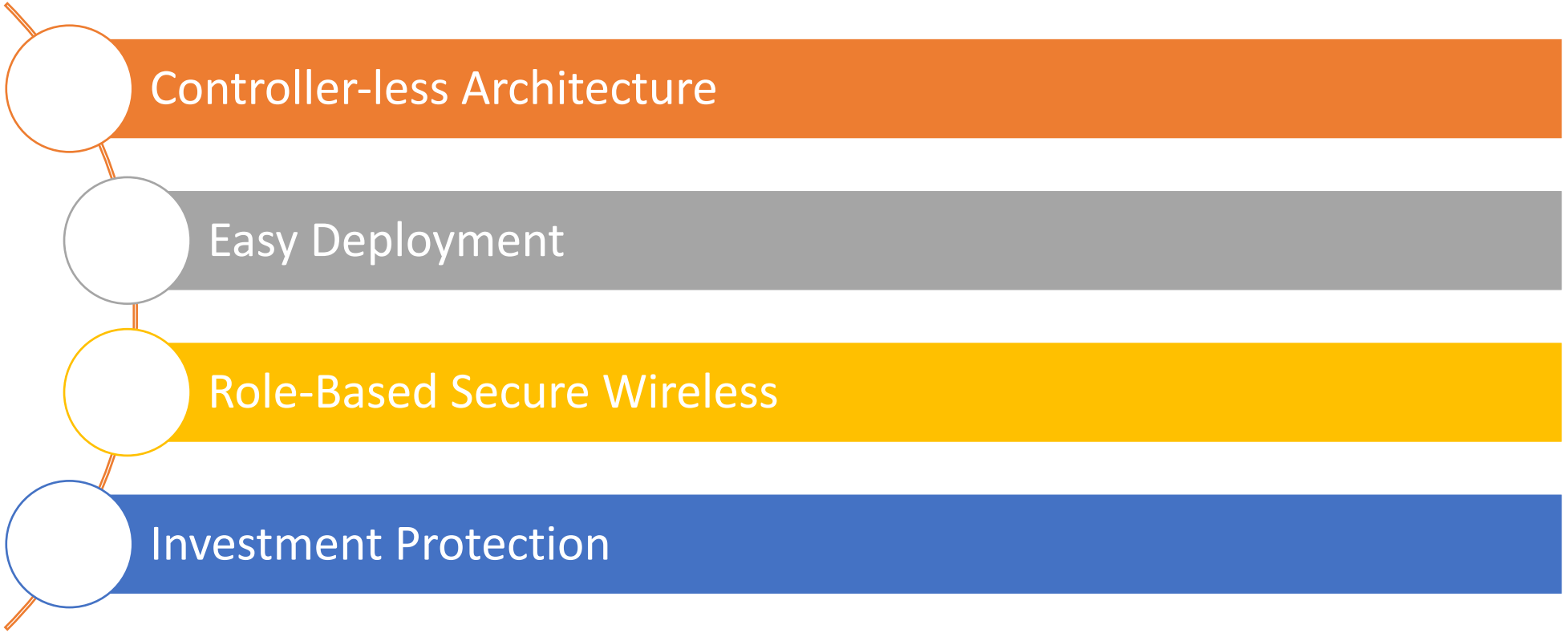
Tek Noktadan Dağıtık Ağların Yönetimi
Aruba Instant – Aruba Central

Hewlett Packard Enterprise

aruba
a Hewlett Packard Enterprise company

Netex
bir Westcon ve İndeks Grup iştirakidir

Instant Benefits



Hewlett Packard Enterprise

aruba
a Hewlett Packard Enterprise company

Netex
bir Westcon ve İndeks Grup iştirakidir

Product Family

340 Series 11ac Wave 2
4x4:4 MU-MIMO
Dual 5GHz Radio capable
Dual uplink, BLE, USB
Smart Rate (2.5/5GBASE-T)

330 Series 11ac Wave 2
4x4:4 MU-MIMO
Dual uplink, BLE, USB
Smart Rate (2.5/5GBASE-T)

320 Series 11ac Wave 2
4x4:4 MU-MIMO
Dual uplink, BLE, USB

310 Series 11ac Wave 2
4x4:4 MU-MIMO
BLE, USB

300 Series 11ac Wave 2
3x3:3 MU-MIMO
BLE, USB

303 Series 11ac Wave 2
2x2:2 Dual-radio
BLE, USB

303H 11ac
3 Ports, PoE Out
2x2:2 Wave 2
Dual-radio, BLE
USB

203H 11ac
1 GbE Ports Out
2x2:2 flex-radio
USB

203R 11ac
2 GbE Ports Out, 1x PoE Out
2x2:2 Flex-radio, BLE, USB
20 Mbps wired IPsec encryption

328 Series 11ac
2 GbE Ports Out, 1x PoE Out
2x2:2 Flex-radio, BLE, USB
20 Mbps wired IPsec encryption

367 11ac Wave 2
2x2:2 Dual-radio, BLE
90° Directional Antennas

365 11ac Wave 2
2x2:2 Dual-radio, BLE
Omnidirectional Antennas

375 11ac Wave 2
3x3:3 Dual-radio
Omnidirectional Antennas

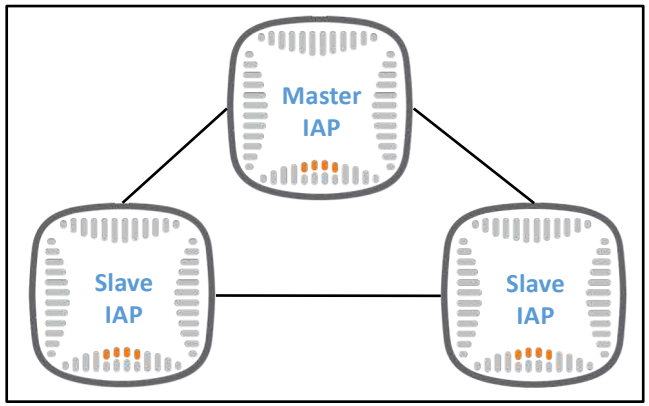
377 11ac Wave 2
3x3:3 Dual-radio
80° Directional Antennas

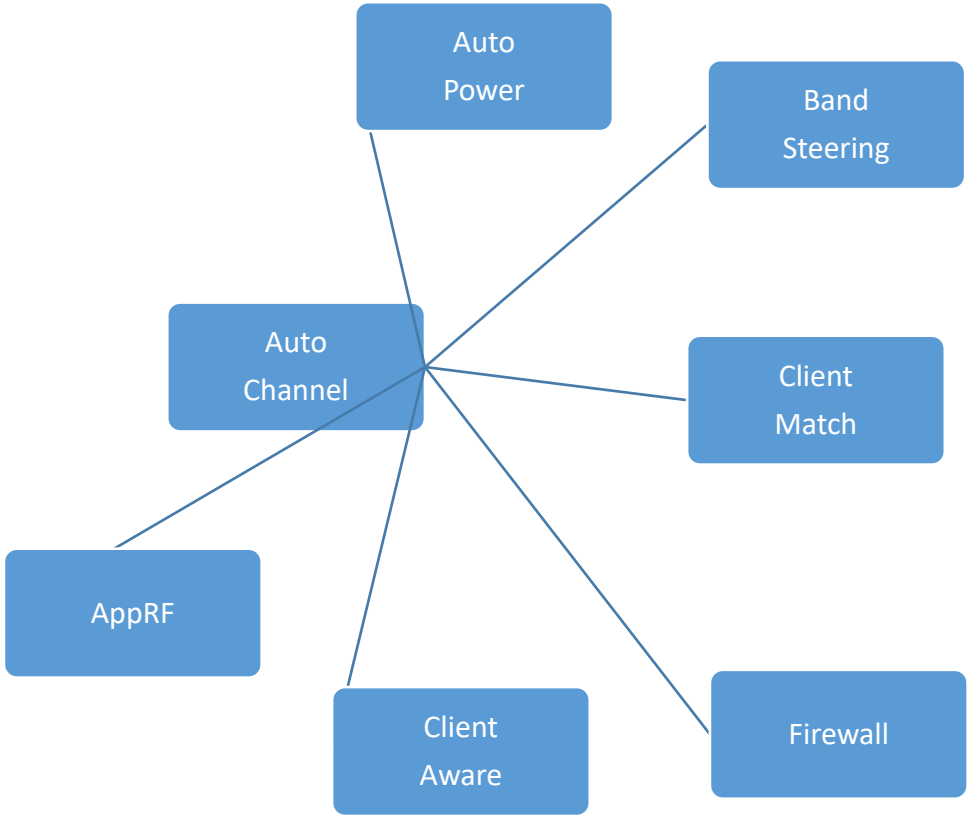
374 11ac Wave 2
3x3:3 Dual-radio
3 External Antenna Connectors

Hewlett Packard Enterprise

aruba
a Hewlett Packard Enterprise company

Netex
bir Westcon ve İndeks Grup iştirakidir

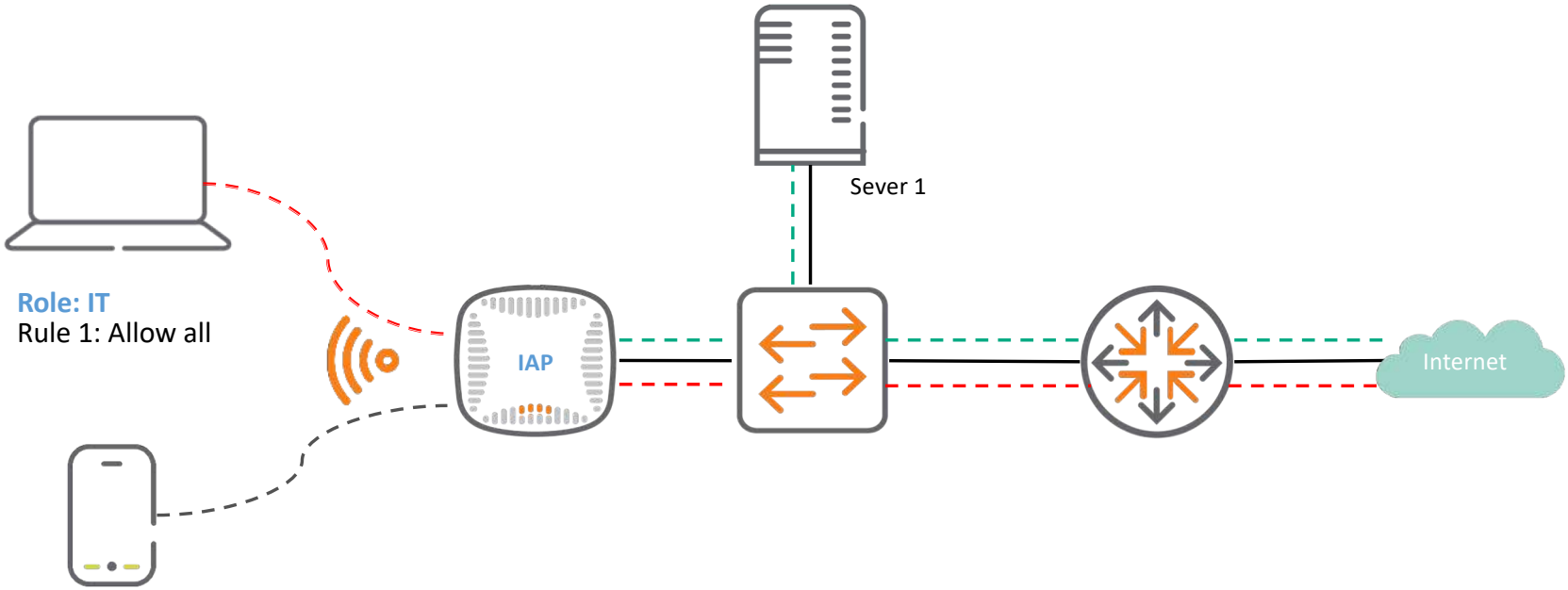




Hewlett Packard
Enterprise

aruba
a Hewlett Packard
Enterprise company

Netex
bir Westcon ve İndeks Grup iştirakidir



Role: IT
Rule 1: Allow all

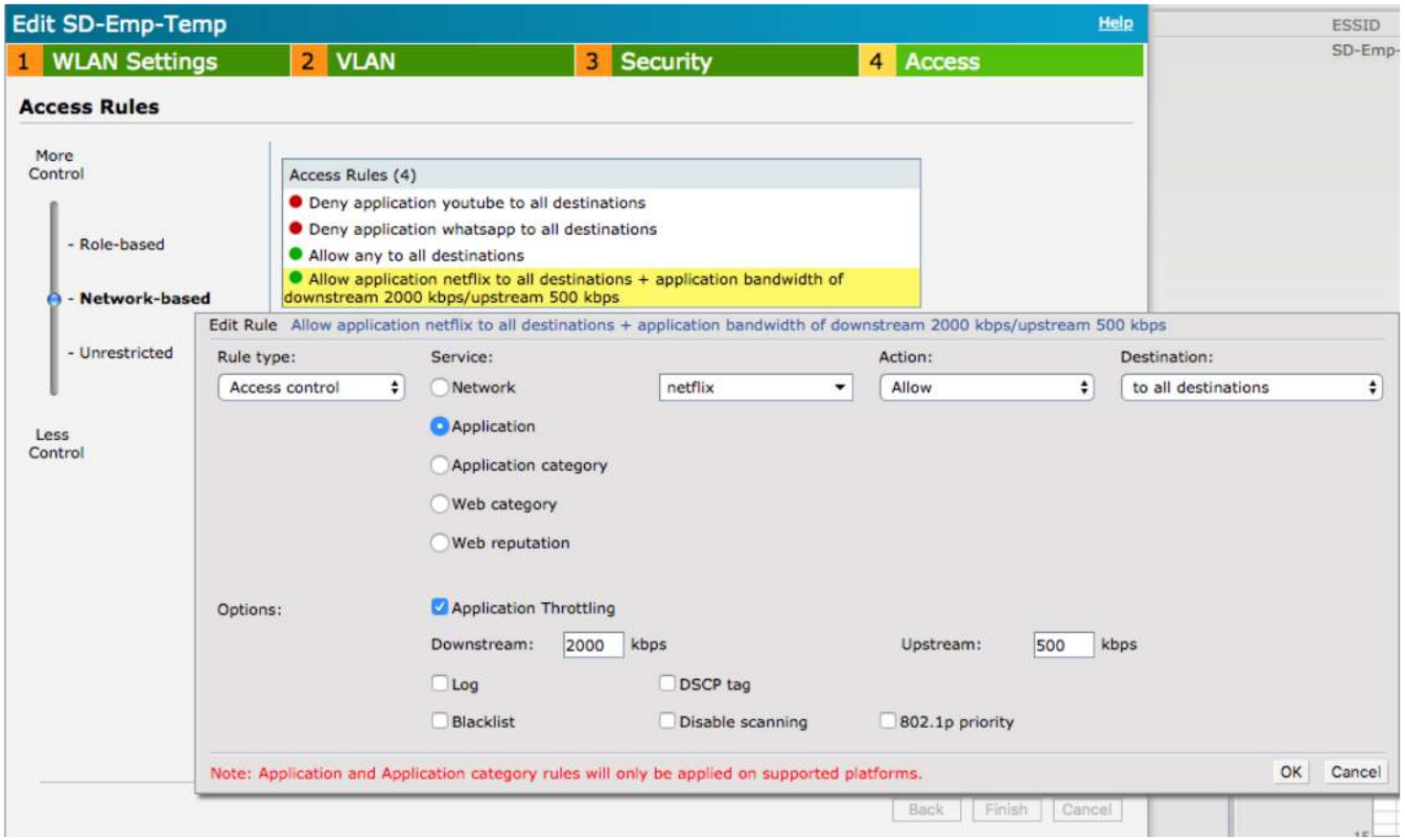
Role: Employee
Rule 1 : Deny access to server 1
Rule 2 : Deny social networking sites
Rule 3 : Allow all

Hewlett Packard Enterprise

aruba
a Hewlett Packard Enterprise company

Netex
bir Westcon ve İndeks Grup iştirakidir

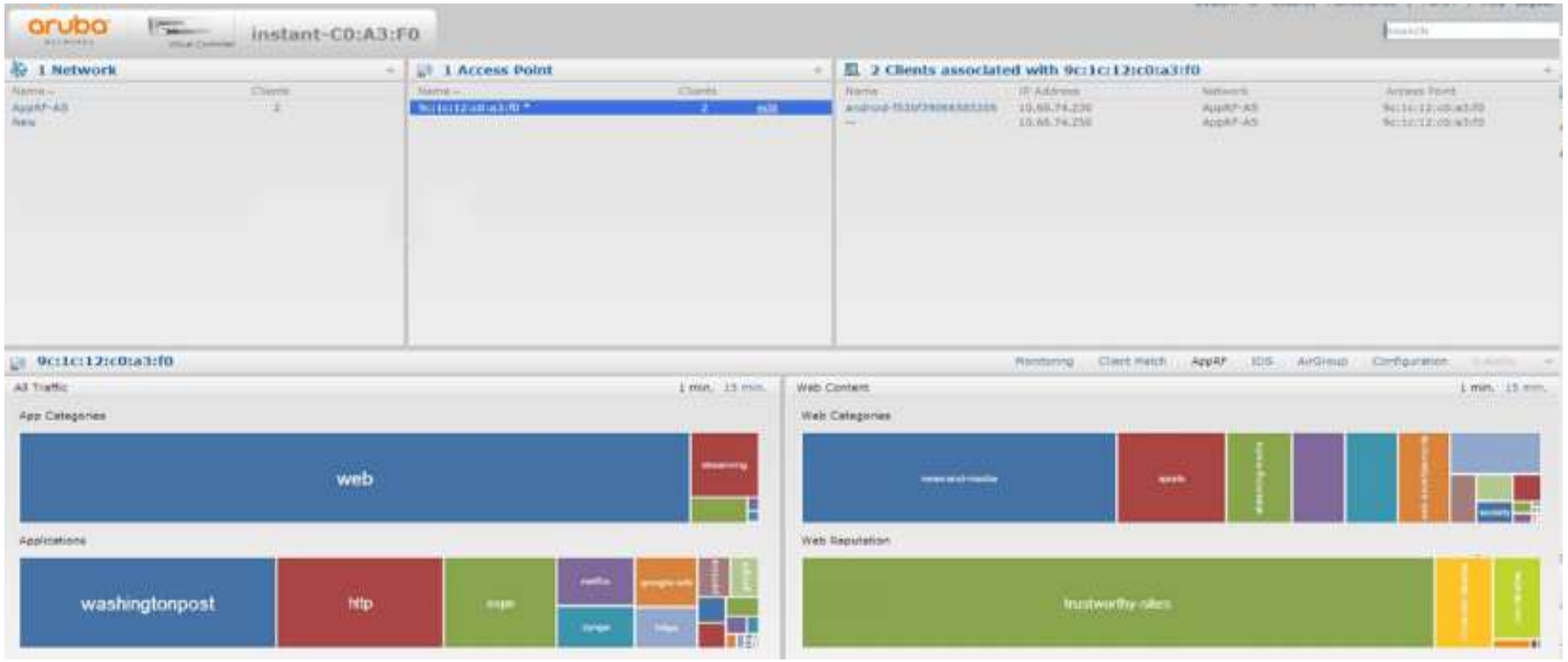
Content Filtering



Hewlett Packard Enterprise

aruba
a Hewlett Packard Enterprise company

Netex
bir Westcon ve İndeks Grup iştirakidir

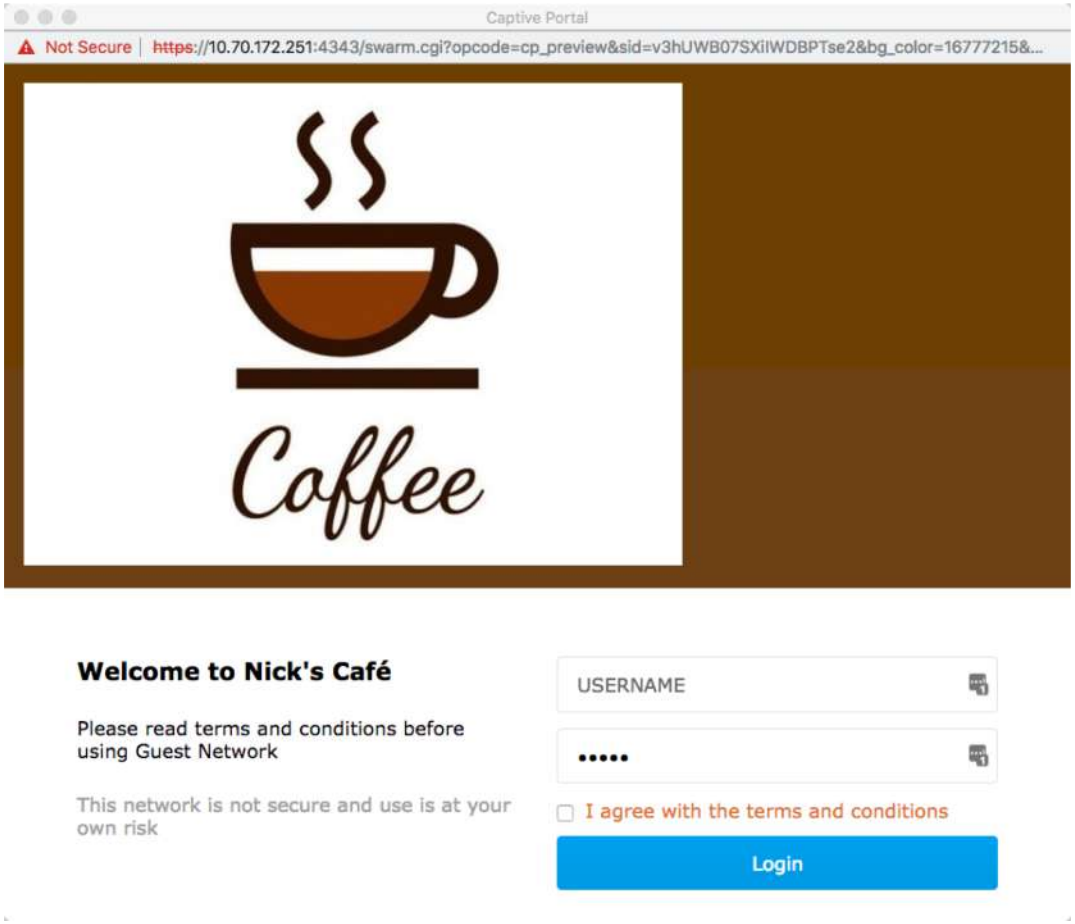


Hewlett Packard Enterprise

aruba
a Hewlett Packard Enterprise company

Netex
bir Westcon ve İndeks Grup iştirakidir

Guest Captive Portal

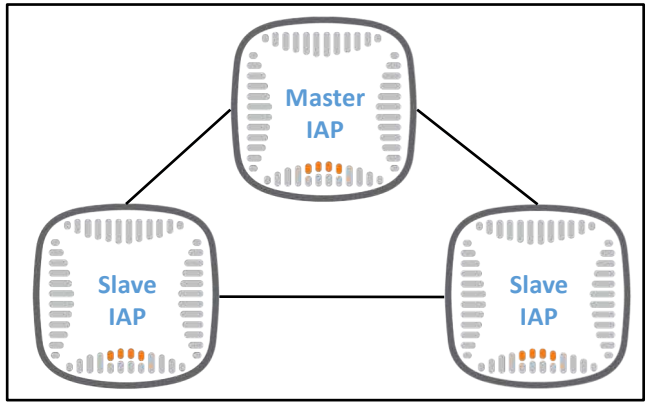


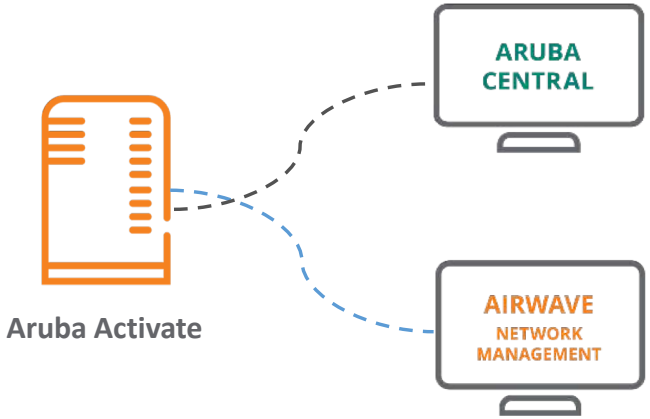
Hewlett Packard Enterprise

aruba
a Hewlett Packard Enterprise company

Netex
bir Westcon ve İndeks Grup iştirakidir

Instant Provisining





Configure ONLY Master AP

Other APs auto-join in same L2 Slaves

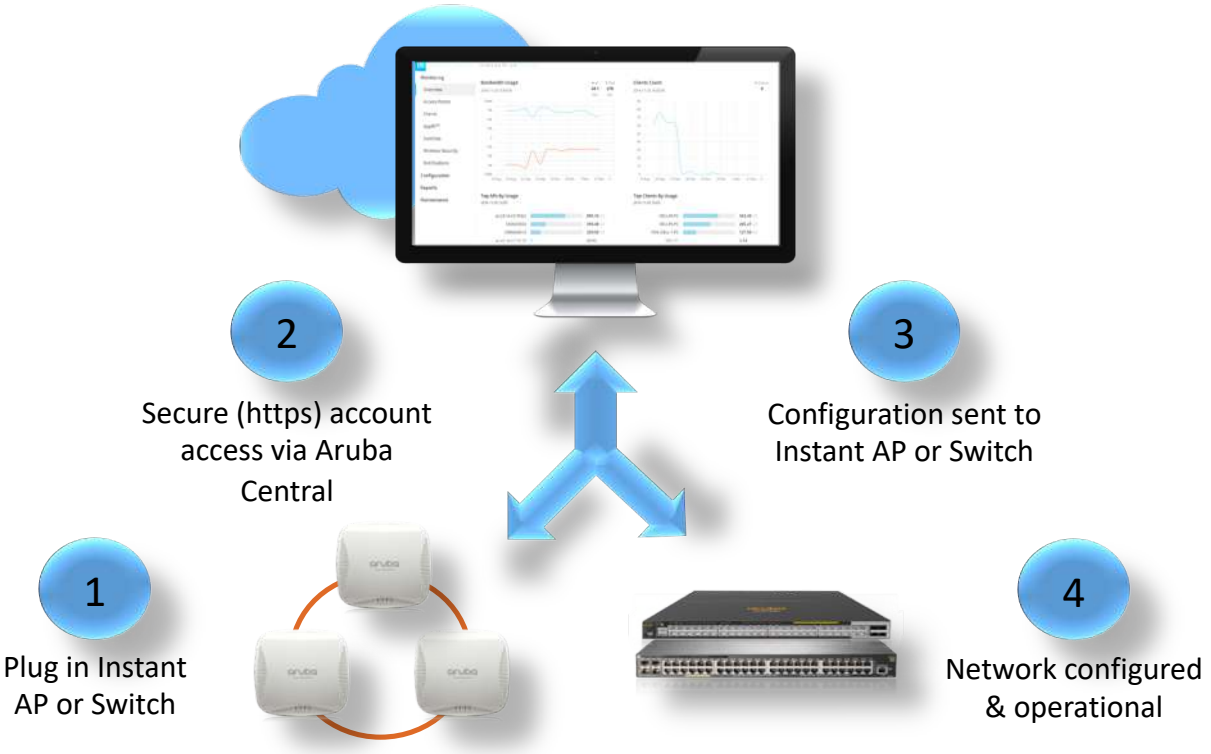
ZTP with Activate for AirWave and Central

Hewlett Packard Enterprise

aruba
a Hewlett Packard Enterprise company

Netex
bir Westcon ve İndeks Grup iştirakidir

Aruba Central Zero Touch Provisioning



Hewlett Packard Enterprise

aruba
a Hewlett Packard Enterprise company

Netex
bir Westcon ve İndeks Grup iştirakidir

Why Cloud-Managed Networks

Simple:

- No management hardware & software to maintain.
- Easy network deployment.

Intelligent:

- Built-in hardware capabilities to ensure performance & visibility.
- Analytics to improve business & user experience.

Reliable:

- Guaranteed uptime.
- Local management if cloud connectivity fails.

Flexible:

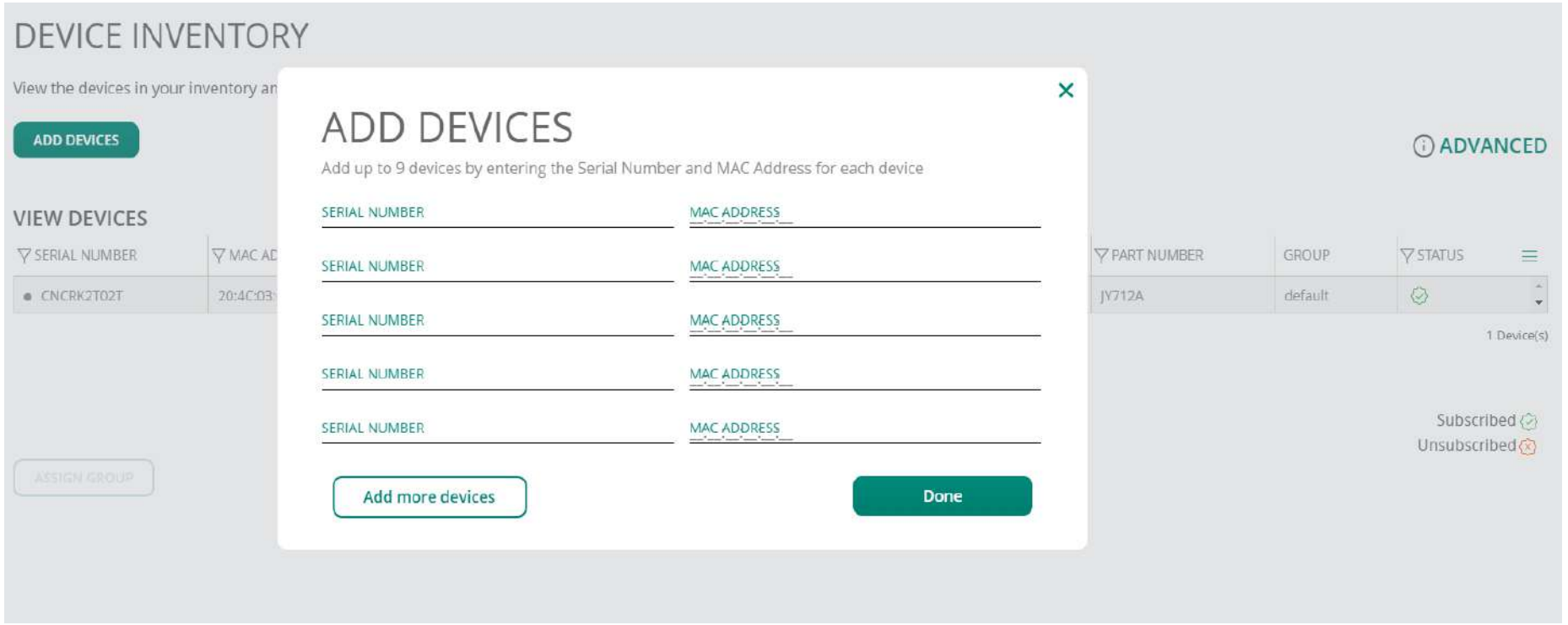
- Easy to scale network.
- Ongoing innovation.
- Subscription options - OPEX.
- Anytime, anywhere access.

Hewlett Packard Enterprise

aruba
a Hewlett Packard Enterprise company

Netex
bir Westcon ve İndeks Grup iştirakidir

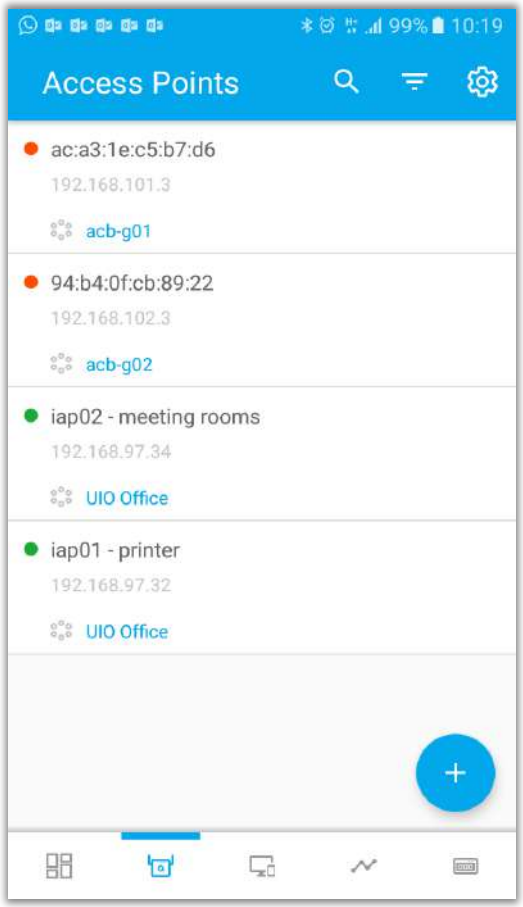
Add Device



Hewlett Packard Enterprise

aruba
a Hewlett Packard Enterprise company

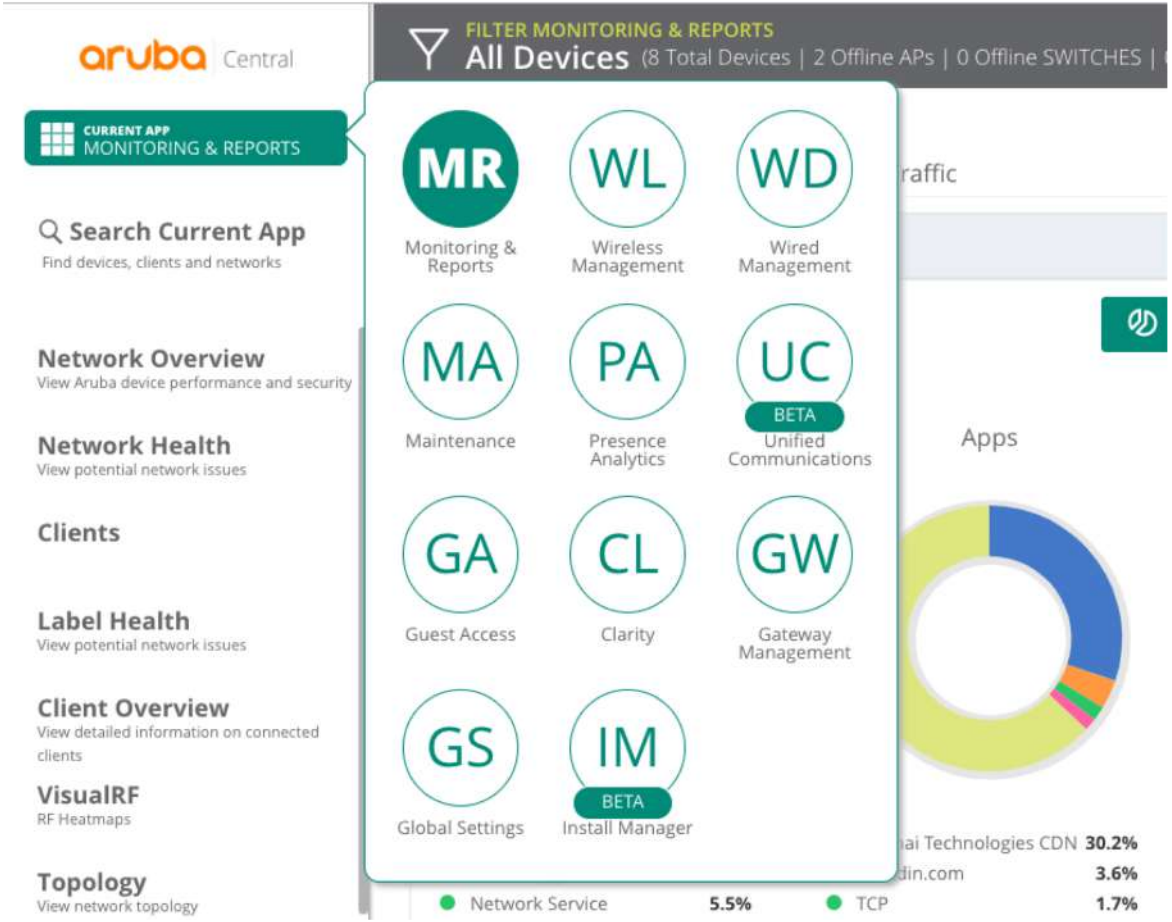
Netex
bir Westcon ve İndeks Grup iştirakidir



Hewlett Packard Enterprise

aruba
a Hewlett Packard Enterprise company

Netex
bir Westcon ve İndeks Grup iştirakidir



Workflows categorized in Applications

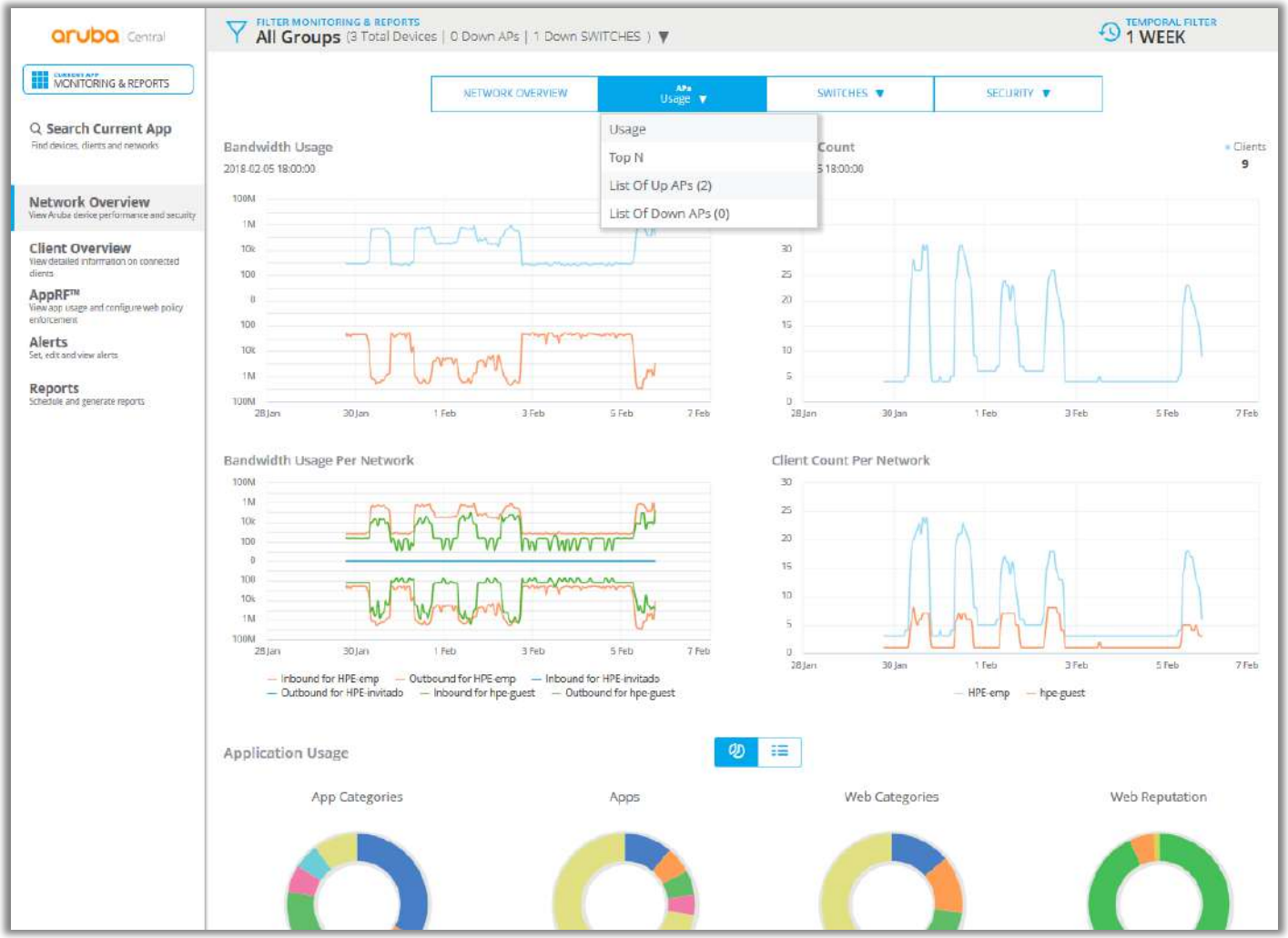
Granular Control with each Application

Single-pane of Glass

Hewlett Packard Enterprise

aruba
a Hewlett Packard Enterprise company

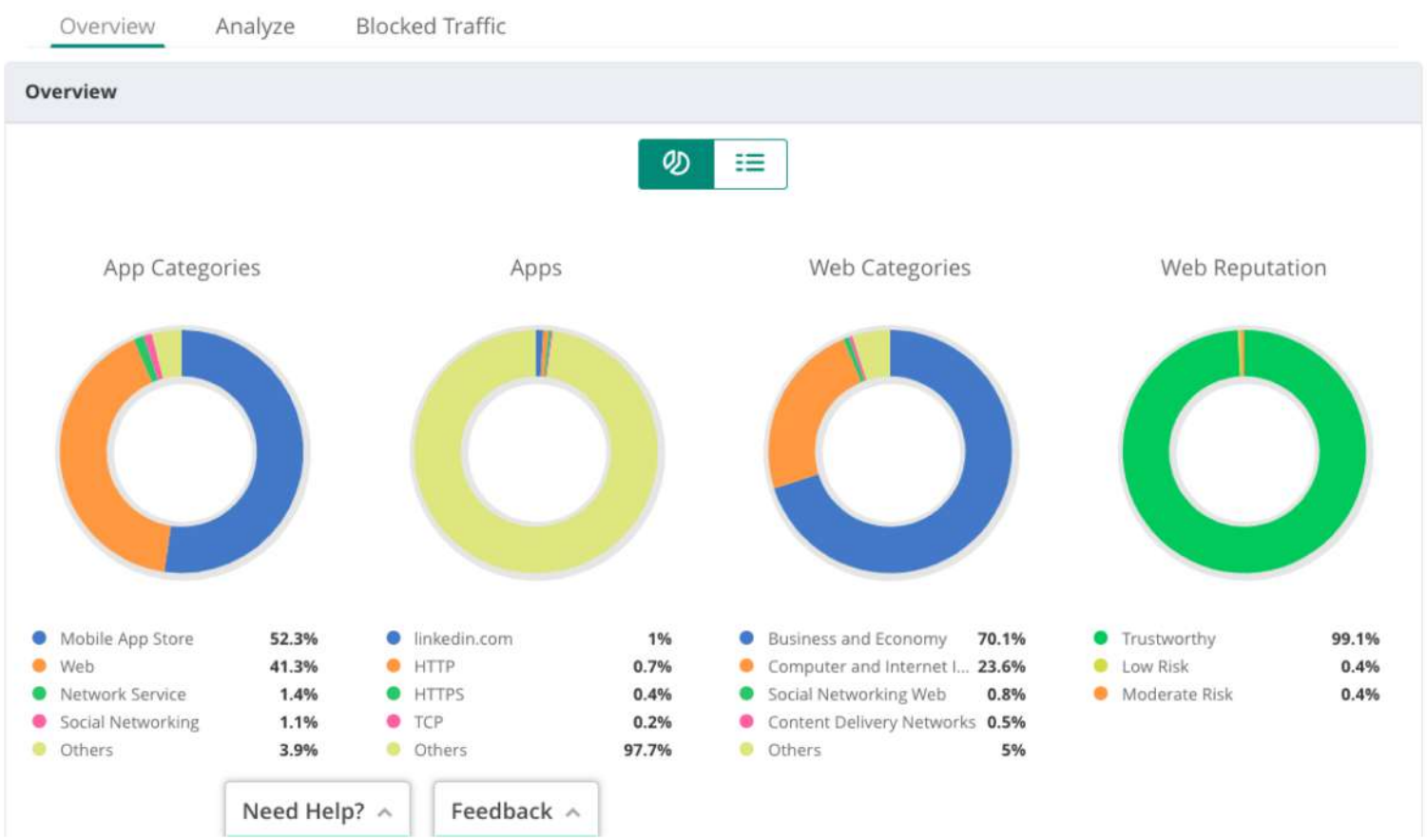
Netex
bir Westcon ve İndeks Grup iştirakidir



Hewlett Packard Enterprise

aruba
a Hewlett Packard Enterprise company

Netex
bir Westcon ve İndeks Grup iştirakidir



Monitor usage to optimize and secure the network

Prioritize business critical applications

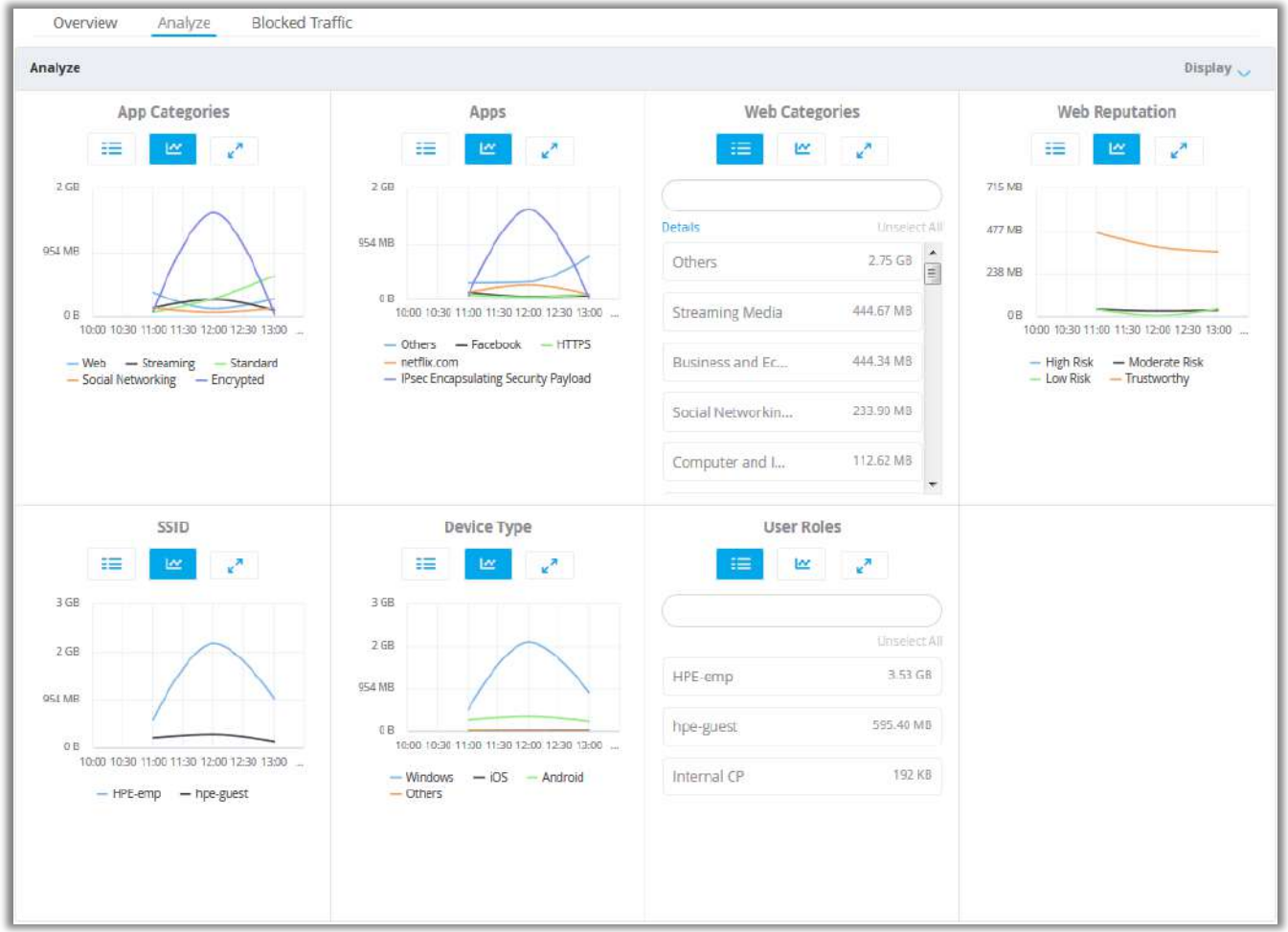
Block Inappropriate Content
Download Blocked Sessions

Enforce on a per user, device or location basis

Hewlett Packard Enterprise

aruba
a Hewlett Packard Enterprise company

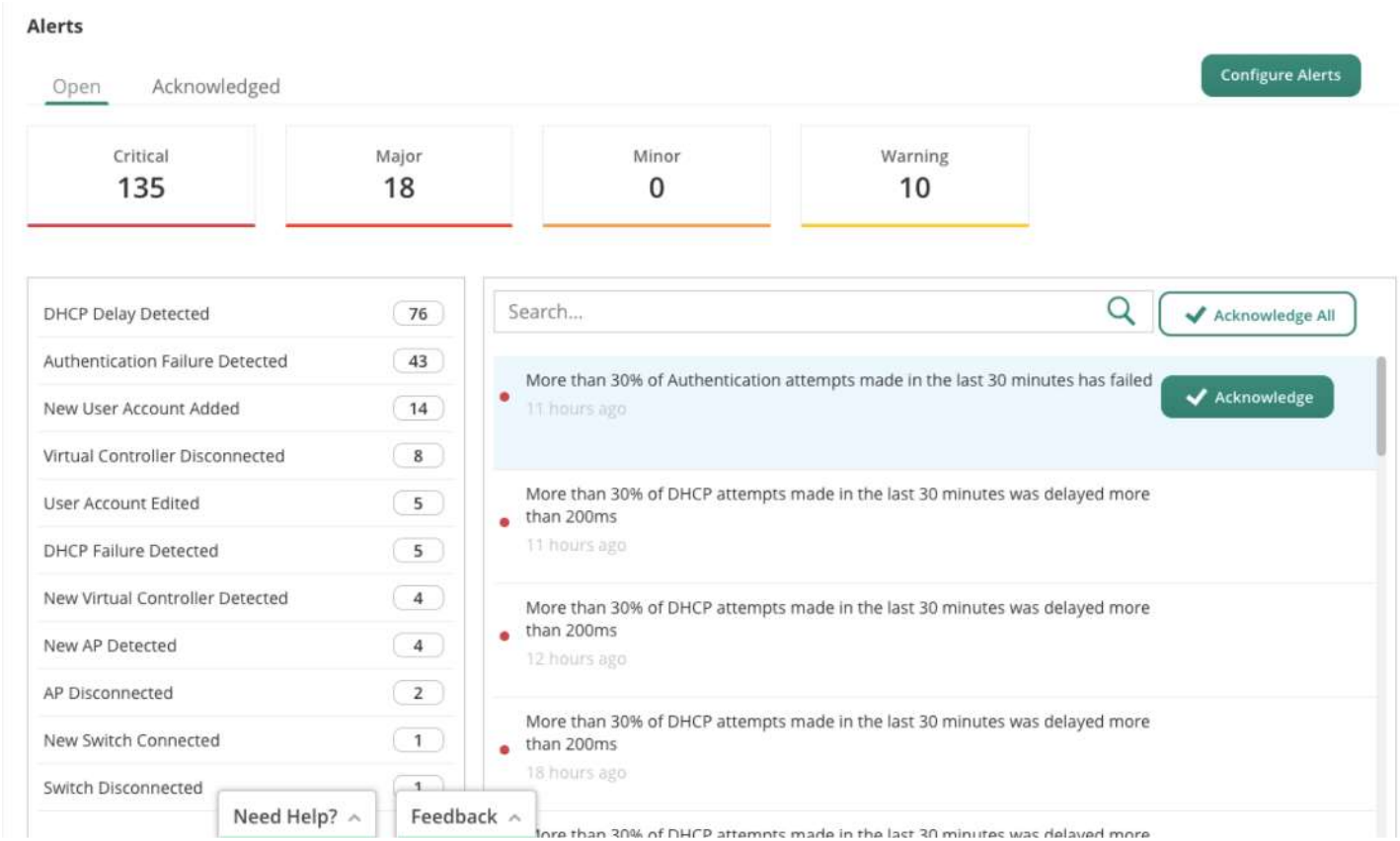
Netex
bir Westcon ve İndeks Grup iştirakidir



Hewlett Packard Enterprise

aruba
a Hewlett Packard Enterprise company

Netex
bir Westcon ve İndeks Grup iştirakidir



Connectivity - DNS, DHCP, Authentication and Association

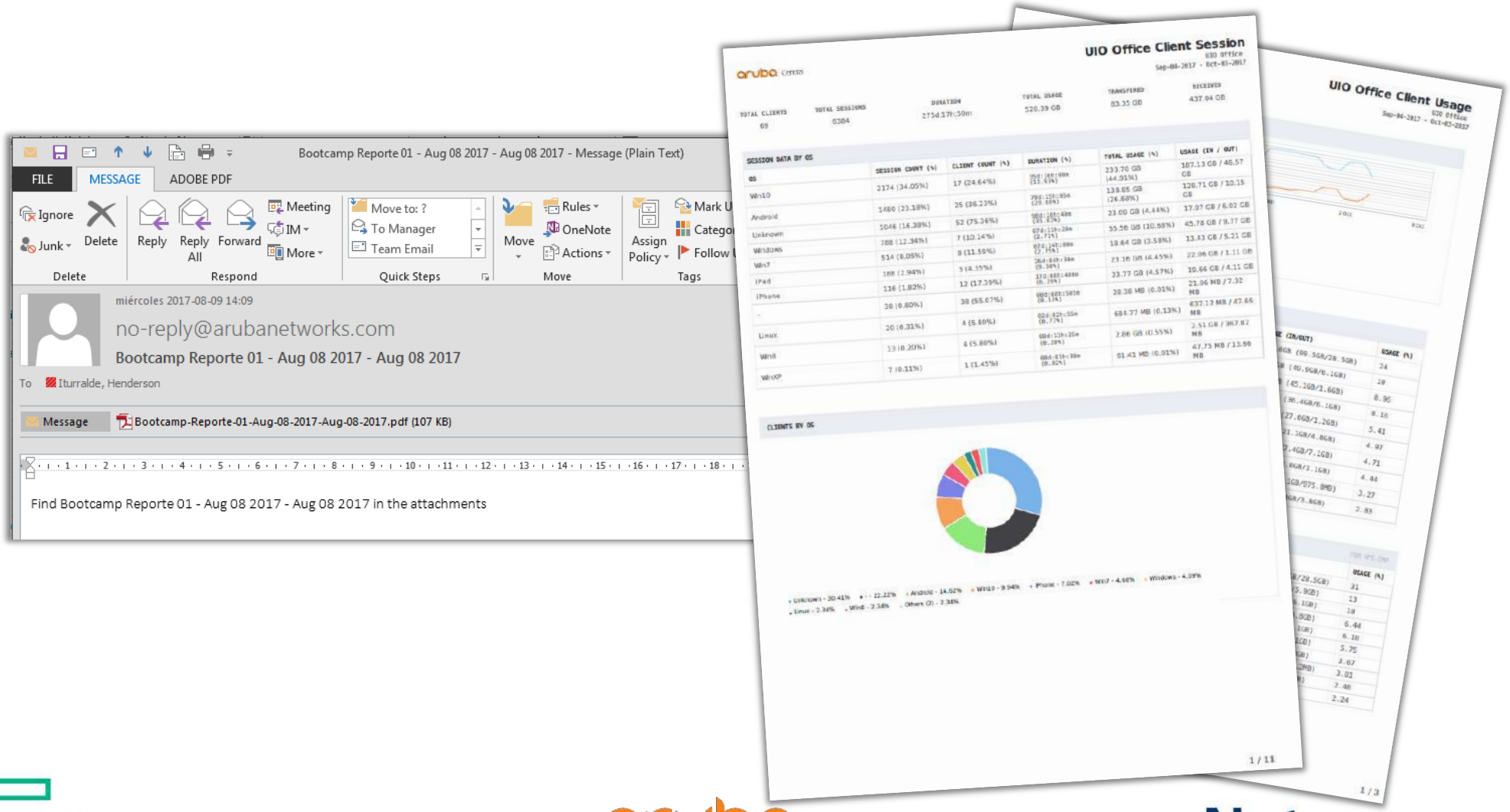
Wireless - AP, VC & Rogue Status, Attacks, CPU & Utilization

Wired - Switch Health, Utilization, Errors

Hewlett Packard Enterprise

aruba
a Hewlett Packard Enterprise company

Netex
bir Westcon ve İndeks Grup iştirakidir



Hewlett Packard Enterprise

aruba
a Hewlett Packard Enterprise company

Netex
bir Westcon ve İndeks Grup iştirakidir

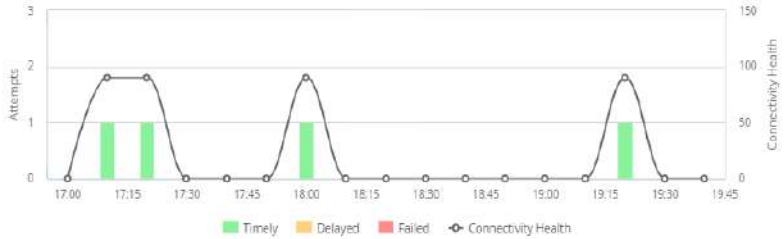
Connectivity Health(CH)

90

Attempts	Success Rate
4	100%

Timely	Delayed	Failed
4	0	0

Connectivity Performance



Stage-wise Performance

Association	Authentication	DHCP	Captive Portal	DNS
90 Connectivity Health	90 Connectivity Health	90 Connectivity Health	0 Connectivity Health	88 Connectivity Health
Attempts 4	Attempts 2	Attempts 2	Attempts 0	Attempts 506
Timely 4	Timely 2	Timely 2	Timely 0	Timely 336
Delayed 0	Delayed 0	Delayed 0	Delayed 0	Delayed 0
Failed 0	Failed 0	Failed 0	Failed 0	Failed 170
	1 Insights			

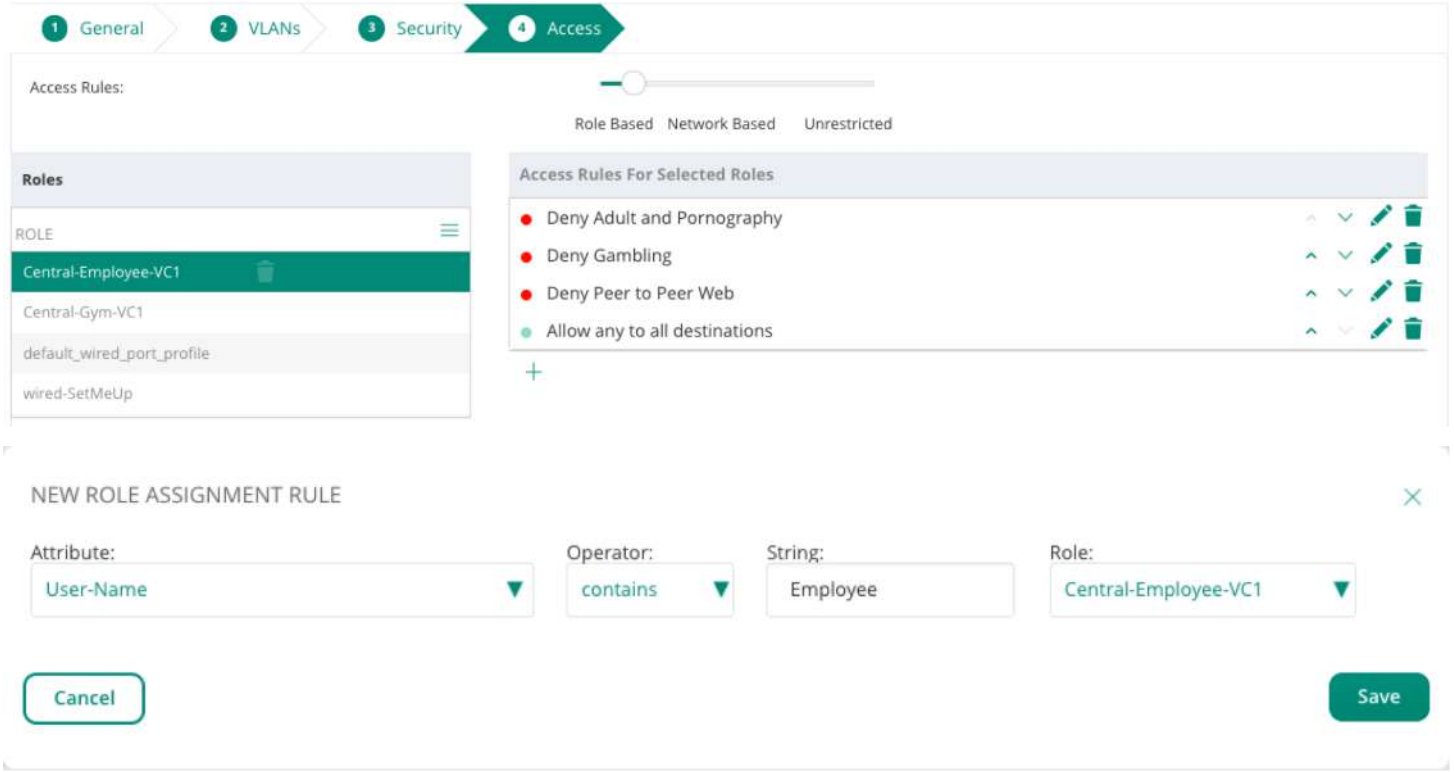
Delay - Causes

Failure - Causes

Hewlett Packard Enterprise

aruba
a Hewlett Packard Enterprise company

Netex
bir Westcon ve İndeks Grup iştirakidir



Define User-Role based Access Control Policies

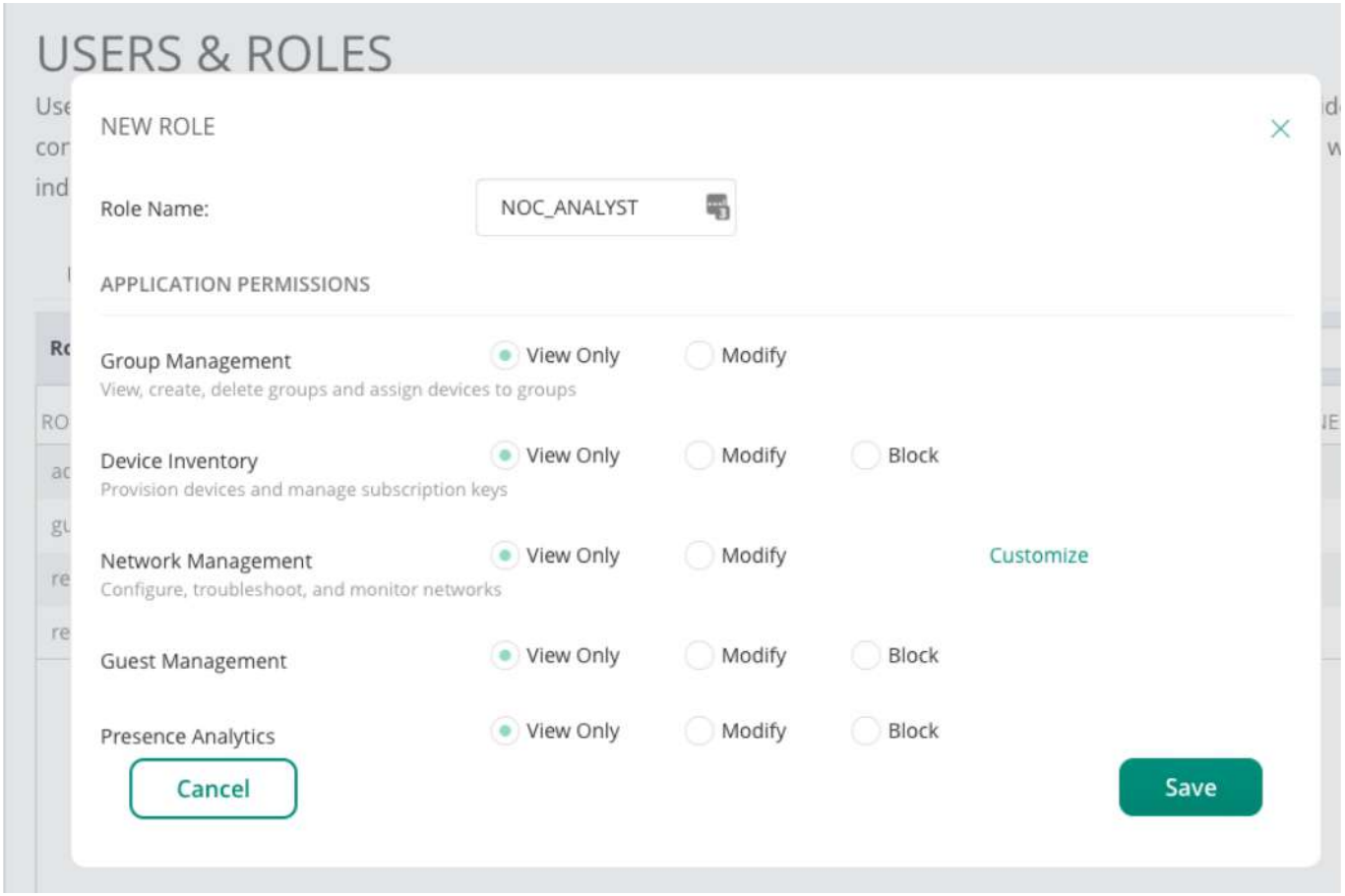
Derive User Roles and VLAN Assignment Rules

Segment Traffic within the same SSID

Hewlett Packard Enterprise

aruba
a Hewlett Packard Enterprise company

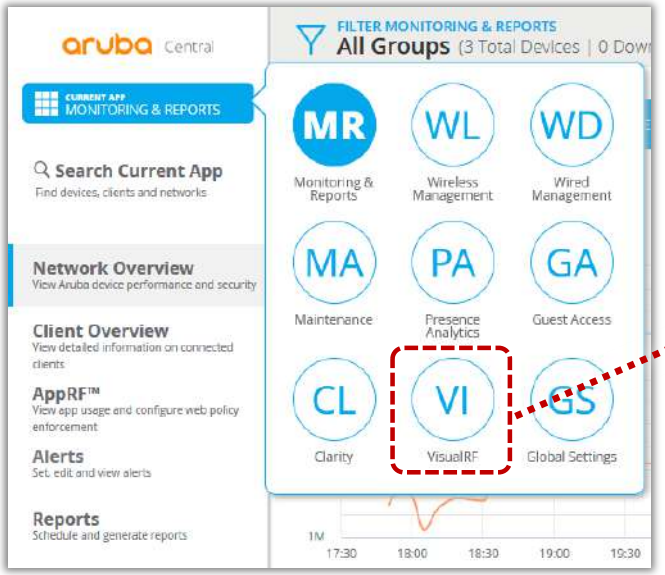
Netex
bir Westcon ve İndeks Grup iştirakidir

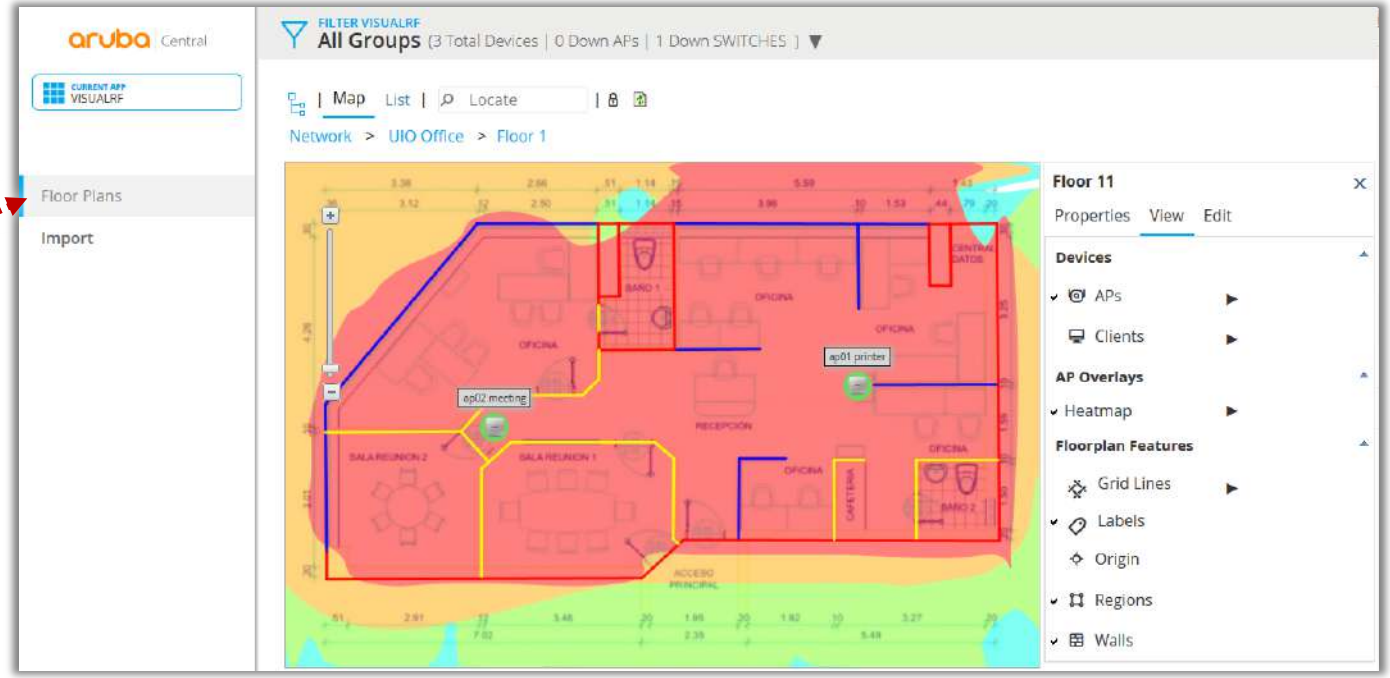


Hewlett Packard Enterprise

aruba
a Hewlett Packard Enterprise company

Netex
bir Westcon ve İndeks Grup iştirakidir





Hewlett Packard Enterprise

aruba
a Hewlett Packard Enterprise company

Netex
bir Westcon ve İndeks Grup iştirakidir

Custom captive portals:

- Logo, background, colors, image, welcome message, terms & conditions, and optional in-page ads.

Registration choices:

- Anonymous login.
- Self-registration.
- Social login.

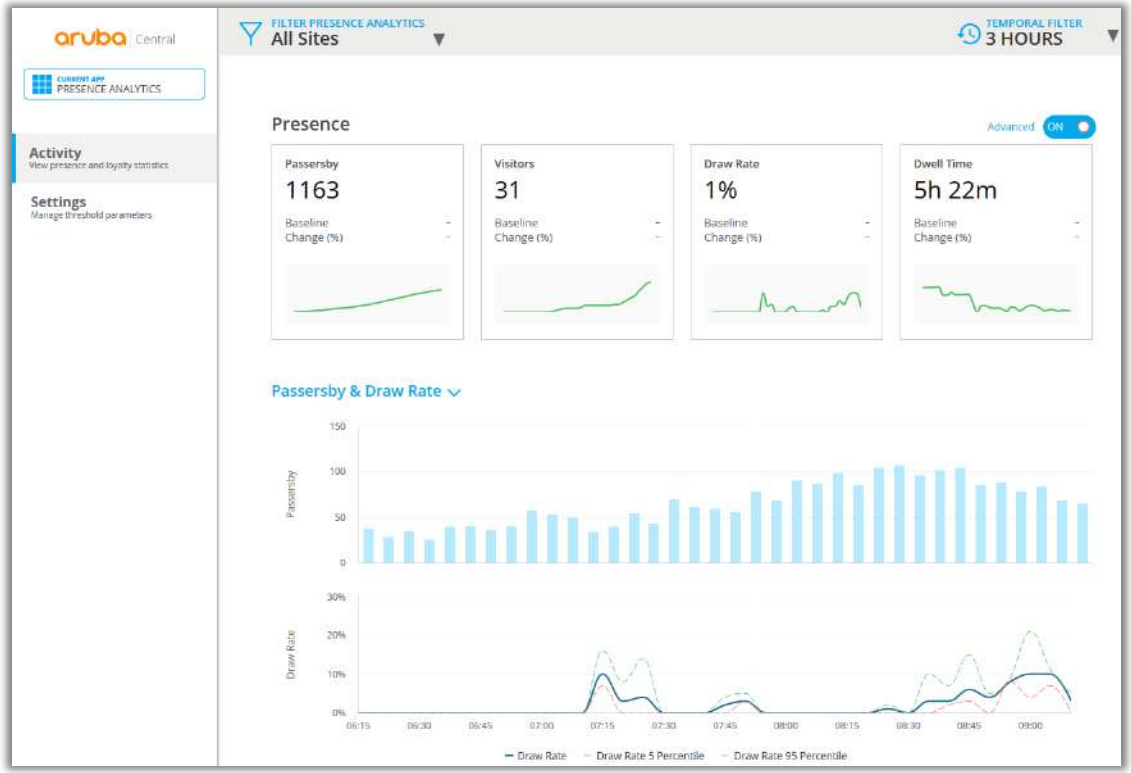
Control Options:

- Session duration.
- Usage limits.
- Landing page.
- Guest operator controlled logins.

Hewlett Packard Enterprise

aruba
a Hewlett Packard Enterprise company

Netex
bir Westcon ve İndeks Grup iştirakidir



Passersby How many passed by the entranc

Visitors How many entered

Engaged How many stayed

Dwell Time How long they stayed

Hewlett Packard Enterprise

aruba
a Hewlett Packard Enterprise company

Netex
bir Westcon ve İndeks Grup iştirakidir

Hewlett Packard
Enterprise

aruba
a Hewlett Packard
Enterprise company

Netex
bir Westcon ve İndeks Grup iştirakidir