

LAMPIRAN

Lampiran 1 Monitoring pengguna di Zona A

MONITOR WLANs CONTROLLER WIRELESS SECURITY MANAGEMENT COMMANDS HELP FEEDBACK

Save Configuration | Ding | Logout | Refresh

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Clients Entries 1 - 75 of 80

Current Filter AP Name:AP-A [\[Change Filter\]](#) [\[Clear Filter\]](#)

Client MAC Addr	IP Address(Ipv4/Ipv6)	AP Name	WLAN Profile	WLAN SSID	User
00:08:22:58:c0:aa	10.19.1.54	AP-A-5-1	UMY Student	UMY-Student	fatik
00:08:ca:af:7a:ab	10.19.1.178	AP-A-1-1	UMY Student	UMY-Student	ari.g
00:0a:00:84:c8:49	10.19.1.183	AP-A-2	UMY Student	UMY-Student	delly
00:61:71:f1:9a:76	10.19.1.77	AP-A-4	UMY Student	UMY-Student	siti.w
00:f4:6f:01:ec:4d	10.19.1.122	AP-A-5-1	UMY Student	UMY-Student	hazr
08:8c:2c:e3:b0:e1	10.19.3.82	AP-A-Dasar-1	UMY Faculty	UMY-Faculty	Unkr
08:ee:8b:a7:8b:0d	10.19.3.38	AP-A-4	UMY Faculty	UMY-Faculty	nur.i
0c:1d:af:78:17:86	10.19.0.234	AP-A-5-1	UMY Student	UMY-Student	riza.
10:41:7f:20:bb:db	10.19.1.161	AP-A-1-1	UMY Student	UMY-Student	linda
10:c3:7b:05:de:77	10.19.3.83	AP-A-1-2	UMY Faculty	UMY-Faculty	Unkr
10:fa:ce:2c:95:05	10.19.1.52	AP-A-1-1	UMY Student	UMY-Student	muh
14:36:c6:16:15:51	10.19.1.104	AP-A-5-1	UMY Student	UMY-Student	dini.l
18:34:51:32:86:c4	10.19.3.80	AP-A-4	UMY Faculty	UMY-Faculty	muh
1c:7b:21:d4:02:dd	10.19.1.155	AP-A-4	UMY Student	UMY-Student	azha
2c:33:7a:1e:f7:d1	10.19.3.128	AP-A-Dasar-1	UMY Faculty	UMY-Faculty	Unkr
2c:5b:b8:2f:e5:eb	10.19.1.184	AP-A-4	UMY Student	UMY-Student	Unkr
2c:d0:5a:70:46:60	10.19.1.66	AP-A-2	UMY Student	UMY-Student	Unkr
30:10:b3:d6:43:e8	10.19.0.159	AP-A-2	UMY Student	UMY-Student	desi.
38:48:4c:2a:6f:9c	10.19.2.153	AP-A-1-1	UMY Faculty	UMY-Faculty	Unkr
40:b8:9a:58:03:85	10.19.2.200	AP-A-1-1	UMY Faculty	UMY-Faculty	adli.
48:13:7e:30:6e:83	10.29.1.109	AP-A-5-1	UMY Student	UMY-Student	akbe

Lampiran 2 Monitoring pengguna di Zona B

MONITOR WLANs CONTROLLER WIRELESS SECURITY MANAGEMENT COMMANDS HELP FEEDBACK

Save Configuration | Ding | Logout | Refresh

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Clients Entries 1 - 56 of 56

Current Filter AP Name:AP-B [\[Change Filter\]](#) [\[Clear Filter\]](#)

Client MAC Addr	IP Address(Ipv4/Ipv6)	AP Name	WLAN Profile	WLAN SSID	User
00:03:7a:e7:fd:4e	10.29.3.196	AP-B-1-2	UMY Faculty	UMY-Faculty	robi
00:07:a8:70:34:98	10.29.2.232	AP-B-5-1	UMY Faculty	UMY-Faculty	Unkr
00:07:a8:72:7c:79	10.29.3.160	AP-B-1-1	UMY Faculty	UMY-Faculty	afri.
00:ae:fa:6d:e7:38	10.29.4.120	AP-B-5-2	UMY Guest	UMY-Guest	Unkr
00:e3:b2:f3:6c:f1	10.29.0.178	AP-B-2	UMY Student	UMY-Student	bric
06:a7:4e:64:8d:26	10.29.2.122	AP-B-1-2	UMY Faculty	UMY-Faculty	Unkr
08:3d:88:8b:2b:d1	10.29.2.165	AP-B-2	UMY Faculty	UMY-Faculty	imro
08:62:66:09:f5:9d	10.29.0.138	AP-B-2	UMY Student	UMY-Student	wasi
08:8c:2c:ce:95:d3	10.29.2.110	AP-B-1-2	UMY Faculty	UMY-Faculty	Unkr
08:fa:88:39:40:e9	10.29.1.137	AP-B-5-1	UMY Student	UMY-Student	adar
10:2a:b3:24:03:2c	10.29.1.222	AP-B-1-2	UMY Student	UMY-Student	henii
14:36:c6:16:15:51	10.29.1.236	AP-B-2	UMY Student	UMY-Student	dini.l
18:3a:2d:de:14:57	10.29.1.228	AP-B-5-1	UMY Student	UMY-Student	Fatin
18:59:36:da:2b:bf	10.29.1.191	AP-B-2	UMY Student	UMY-Student	akhr
24:f0:94:b4:43:82	10.29.2.171	AP-B-1-1	UMY Faculty	UMY-Faculty	dian.
28:27:bf:3e:54:7f	10.29.1.215	AP-B-5-1	UMY Student	UMY-Student	Zain
28:e7:cf:14:f0:26	10.29.0.191	AP-B-1-2	UMY Student	UMY-Student	Unkr
28:fa:a0:e1:b6:26	10.29.1.202	AP-B-2	UMY Student	UMY-Student	Rio.s
2c:5b:b8:2f:e5:eb	10.29.1.235	AP-B-5-1	UMY Student	UMY-Student	Unkr
2c:5b:b8:3f:5f:ce	10.29.2.238	AP-B-1-1	UMY Faculty	UMY-Faculty	khar
30:0d:43:b9:7a:e4	10.29.3.209	AP-B-1-2	UMY Faculty	UMY-Faculty	imer

Lampiran 3 Monitoring pengguna di Zona D

MONITOR WLANs CONTROLLER WIRELESS SECURITY MANAGEMENT COMMANDS HELP FEEDBACK					
					Sage Configuration Ping Logout Refresh
Clients					Entries 1 - 75 of 178
Current Filter AP Name:AP-D [Change Filter] [Clear Filter]					
Client MAC Addr	IP Address(Ipv4/Ipv6)	AP Name	WLAN Profile	WLAN SSID	User
00:07:a8:55:e0:4d	10.49.1.228	AP-D-1	UMY Student	UMY-Student	denr
00:0a:fa:7f:cb:2c	10.49.0.145	AP-D-1	UMY Student	UMY-Student	dio.ii
00:12:36:87:27:05	10.49.0.139	AP-D-1	UMY Student	UMY-Student	sari
00:22:fb:5b:17:2a	0.0.0.0	AP-D-2-1	UMY Guest	UMY-Guest	Unkr
00:88:65:86:06:95	10.49.0.59	AP-D-1	UMY Student	UMY-Student	angg
00:eb:2d:a2:3e:df	10.49.2.161	AP-D-2-2	UMY Faculty	UMY-Faculty	fiqha
00:f4:6f:01:d3:29	10.49.1.223	AP-D-Dasar	UMY Student	UMY-Student	rizki
04:db:56:00:e4:9a	10.49.3.84	AP-D-1	UMY Faculty	UMY-Faculty	nuru
08:62:66:5f:36:63	10.49.1.181	AP-D-2-1	UMY Student	UMY-Student	busti
08:62:66:62:2b:eb	10.49.3.132	AP-D-1	UMY Faculty	UMY-Faculty	dyar
08:8c:2e:04:34:cb	10.49.0.132	AP-D-1	UMY Student	UMY-Student	heny
08:ed:b9:4f:3e:11	10.49.1.132	AP-D-2-2	UMY Student	UMY-Student	taufi
08:ee:8b:5c:b8:c9	10.49.2.132	AP-D-1	UMY Faculty	UMY-Faculty	Anitz
0c:1d:af:74:fe:41	10.49.1.195	AP-D-1	UMY Student	UMY-Student	Widy
10:41:7f:b6:89:98	10.49.1.220	AP-D-1	UMY Student	UMY-Student	angg
10:c3:7b:02:af:97	10.49.2.69	AP-D-1	UMY Faculty	UMY-Faculty	java
10:c3:7b:0b:37:75	10.49.0.251	AP-D-1	UMY Student	UMY-Student	dwi.t
10:c3:7b:0b:d0:99	10.49.1.194	AP-D-Dasar	UMY Student	UMY-Student	riya.
14:b4:84:05:d5:ee	10.49.2.204	AP-D-1	UMY Faculty	UMY-Faculty	dea.
14:dd:a9:5a:11:13	10.49.1.155	AP-D-3	UMY Student	UMY-Student	widi.
14:dd:a9:a6:e2:b3	10.49.0.239	AP-D-1	UMY Student	UMY-Student	fator

Lampiran 4 Monitoring pengguna di Zona E

MONITOR WLANs CONTROLLER WIRELESS SECURITY MANAGEMENT COMMANDS HELP FEEDBACK					
					Sage Configuration Ping Logout Refresh
Clients					Entries 1 - 75 of 224
Current Filter AP Name:AP-E [Change Filter] [Clear Filter]					
Client MAC Addr	IP Address(Ipv4/Ipv6)	AP Name	WLAN Profile	WLAN SSID	User
00:07:a8:70:17:bc	10.59.8.182	AP-E2-Dasar	UMY Faculty	UMY-Faculty	Muly
00:08:ca:f7:60:55	10.59.1.2	AP-E2-1	UMY Student	UMY-Student	nida.
00:0a:00:82:b8:de	10.59.1.158	AP-E1-1	UMY Student	UMY-Student	galul
00:0a:f5:7e:68:c4	10.59.2.51	AP-E2-Dasar	UMY Student	UMY-Student	Achr
00:17:c4:9d:c4:89	10.59.8.245	AP-E3-2	UMY Faculty	UMY-Faculty	junia
00:1fe2:b4:56:7a	10.59.0.205	AP-E3-Dasar	UMY Student	UMY-Student	ali.n
00:22:68:99:e8:c7	10.59.5.68	AP-E3-2	UMY Student	UMY-Student	Unkr
04:f1:3e:c6:74:0a	10.59.8.219	AP-E3-Dasar	UMY Faculty	UMY-Faculty	ma.r
04:f7:ed:c6:81:77	10.59.1.171	AP-E2-Dasar	UMY Student	UMY-Student	refal
08:62:66:1fe9:30	10.59.2.55	AP-E4-Dasar	UMY Student	UMY-Student	dwit
08:70:45:7b:d1:5f	10.59.9.44	AP-E3-3	UMY Faculty	UMY-Faculty	prati
08:8c:2c:c8:2e:25	10.59.8.160	AP-E3-1	UMY Faculty	UMY-Faculty	Abdi
0c:1d:af:76:54:c9	10.59.8.138	AP-E1-1	UMY Faculty	UMY-Faculty	suciz
0c:30:21:5f:6c:07	10.59.2.78	AP-E1-1	UMY Student	UMY-Student	ghea
0c:3e:9f:c7:f8:1f	10.59.9.92	AP-E2-Dasar	UMY Faculty	UMY-Faculty	putri
10:2a:b3:93:7d:27	10.59.2.66	AP-E4-Dasar	UMY Student	UMY-Student	Deni
10:c3:7b:02:2b:0b	10.59.1.51	AP-E3-1	UMY Student	UMY-Student	septi
10:c3:7b:05:4e:77	10.59.9.199	AP-E2-1	UMY Faculty	UMY-Faculty	Unkr
10:c3:7b:09:d1:3f	10.59.8.147	AP-E2-1	UMY Faculty	UMY-Faculty	suju
10:c3:7b:0b:96:89	10.59.1.172	AP-E4-Dasar	UMY Student	UMY-Student	l.jatr
10:c3:7b:38:a4:53	10.59.1.255	AP-E4-Dasar	UMY Student	UMY-Student	uifa.

Lampiran 5 Monitoring pengguna di Zona F

Client MAC Addr	IP Address(Ipv4/Ipv6)	AP Name	WLAN Profile	WLAN SSID	Use
00:08:22:8c:7a:13	0.0.0.0	AP-F3-2	UMY Student	UMY-Student	Unkr
00:08:22:fe:fa:db	10.69.10.96	AP-F5-2	UMY Faculty	UMY-Faculty	Unkr
00:08:ca:a1:d3:f2	10.69.9.168	AP-F6-1	UMY Faculty	UMY-Faculty	soba
00:18:60:7a:58:bc	10.69.16.80	AP-F6-Dasar	UMY Guest	UMY-Guest	novy
00:1c:7b:d4:f8:e8	10.69.10.108	AP-F2-Dasar	UMY Faculty	UMY-Faculty	hida
00:1e:ad:1c:5e:a8	10.69.0.218	AP-F1-1	UMY Student	UMY-Student	muly
00:22:68:9a:ac:ad	10.69.6.160	AP-F1-Dasar	UMY Student	UMY-Student	arlia
00:22:68:9a:af:05	10.69.9.161	AP-F1-Dasar	UMY Faculty	UMY-Faculty	bayu
00:22:68:9a:b0:f9	10.69.8.72	AP-F1-Dasar	UMY Faculty	UMY-Faculty	feriy
00:26:82:13:52:f1	10.69.16.138	AP-F4-2-1	UMY Guest	UMY-Guest	dina:
00:26:82:e9:a6:4b	10.69.0.211	AP-F3-2	UMY Student	UMY-Student	panc
00:26:b6:2c:db:83	10.69.1.203	AP-F5-Dasar	UMY Student	UMY-Student	fatia
00:27:15:27:47:3d	10.69.2.243	AP-F1-2	UMY Student	UMY-Student	achn
00:71:cc:3b:29:ab	10.69.16.131	AP-F3-4	UMY Guest	UMY-Guest	nurv
02:08:52:52:1e:78	10.69.10.43	AP-F7-2	UMY Faculty	UMY-Faculty	latar
04:54:53:ef:7d:18	10.69.9.180	AP-F4-2-1	UMY Faculty	UMY-Faculty	Diori
08:3d:88:94:4c:91	10.69.2.58	AP-F1-Dasar	UMY Student	UMY-Student	restu
08:62:66:61:bc:df	10.69.10.113	AP-F1-2	UMY Faculty	UMY-Faculty	doni.
08:70:45:06:c5:2d	10.69.10.132	AP-F5-1	UMY Faculty	UMY-Faculty	sari.
08:8c:2c:01:37:37	10.69.1.157	AP-F2-2	UMY Student	UMY-Student	ghife
08:8c:2c:0f:6c:81	10.69.8.233	AP-F3-3	UMY Faculty	UMY-Faculty	Wsel

Lampiran 6 Monitoring pengguna di Zona G

Client MAC Addr	IP Address(Ipv4/Ipv6)	AP Name	WLAN Profile	WLAN SSID	Use
00:08:22:b6:e2:d6	10.79.6.155	AP-G4-1	UMY Student	UMY-Student	deni
00:08:22:c6:e6:a2	10.79.6.59	AP-G4-1	UMY Student	UMY-Student	fail.s
00:08:ca:66:21:9e	10.79.6.96	AP-G2-Dasar	UMY Student	UMY-Student	intar
00:0a:00:de:a8:fc	10.79.8.217	AP-G3-2	UMY Faculty	UMY-Faculty	pugn
08:3e:8e:35:e8:95	10.79.6.74	AP-G2-Dasar	UMY Student	UMY-Student	riska
08:8c:2c:ce:c3:d1	10.79.8.140	AP-G5-1	UMY Faculty	UMY-Faculty	Aniti
08:8c:2c:e5:30:b9	10.79.6.1	AP-G6-Dasar	UMY Student	UMY-Student	Unkr
0c:1d:af:f3:7b:54	10.79.9.13	AP-G1-1	UMY Faculty	UMY-Faculty	dallir
10:2a:b3:66:4c:bf	10.79.9.43	AP-G5-1	UMY Faculty	UMY-Faculty	Resl
10:2a:b3:eb:11:31	10.79.6.200	AP-G4-1	UMY Student	UMY-Student	dhar
10:2f:6b:81:1f:42	0.0.0.0	AP-G6-Dasar	UMY Guest	UMY-Guest	Unkr
10:c3:7b:08:00:39	10.79.9.7	AP-G6-1	UMY Faculty	UMY-Faculty	davi
14:36:c6:14:58:55	10.79.9.49	AP-G4-1	UMY Faculty	UMY-Faculty	abdul
14:dd:a9:35:d4:23	10.79.6.196	AP-G6-Dasar	UMY Student	UMY-Student	evin
14:dd:a9:a6:58:1d	10.79.9.16	AP-G5-2	UMY Faculty	UMY-Faculty	hasa
14:f6:5a:f6:6a:f8	10.79.9.18	AP-G6-2	UMY Faculty	UMY-Faculty	novi
18:26:66:3d:10:45	10.79.9.53	AP-G5-2	UMY Faculty	UMY-Faculty	satri
18:89:5b:77:18:73	10.79.6.253	AP-G2-Dasar	UMY Student	UMY-Student	Faja
1c:65:9d:6a:29:23	10.79.6.47	AP-G2-Dasar	UMY Student	UMY-Student	erik.
24:fd:52:39:40:d2	10.79.9.52	AP-G4-1	UMY Faculty	UMY-Faculty	dhar
28:c2:dd:2f:31:f3	10.79.11.79	AP-G5-2	UMY Faculty	UMY-Faculty	toha

Lampiran 7 Monitoring pengguna di Zona H

Client MAC Addr	IP Address(Ipv4/Ipv6)	AP Name	WLAN Profile	WLAN SSID	User
00:0a:00:d5:a9:59	10.89.2.249	AP-H-D-3	UMY Student	UMY-Student	desi.
00:27:19:d4:50:f4	10.89.9.5	AP-H-D-5	UMY Faculty	UMY-Faculty	m.m
08:8c:2c:16:d5:5d	10.89.0.140	AP-H-D-5	UMY Student	UMY-Student	indal
08:ed:b9:d5:9b:17	10.89.3.19	AP-H-D-4	UMY Student	UMY-Student	diyai
10:92:66:8b:d0:d4	10.89.3.131	AP-H-D-5	UMY Student	UMY-Student	hary
18:1e:b0:23:55:be	10.89.0.128	AP-H-D-1	UMY Student	UMY-Student	neng
1c:87:2c:4c:3b:b7	10.89.0.135	AP-H-D-5	UMY Student	UMY-Student	Ipiet
1c:87:2c:85:cf:48	10.69.9.198	AP-H-D-1	UMY Faculty	UMY-Faculty	taka
20:02:af:ae:81:0c	10.89.2.229	AP-H-D-5	UMY Student	UMY-Student	dick
20:10:7a:85:0e:9e	10.89.10.51	AP-H-D-1	UMY Faculty	UMY-Faculty	Unkr
20:10:7a:85:14:1f	10.89.1.59	AP-H-D-2	UMY Student	UMY-Student	indal
24:e2:71:da:79:da	10.89.0.232	AP-H-D-5	UMY Student	UMY-Student	ferdi
24:fd:52:93:be:b3	10.89.0.219	AP-H-D-5	UMY Student	UMY-Student	hikr
28:ed:6a:17:35:cb	10.89.1.72	AP-H-D-5	UMY Student	UMY-Student	tifan
30:52:cb:2c:7b:99	10.89.2.114	AP-H-D-1	UMY Student	UMY-Student	anis
30:a8:db:87:f7:68	0.0.0.0	AP-H-D-5	UMY Student	UMY-Student	Unkr
34:68:95:7c:f9:31	10.89.3.73	AP-H-D-1	UMY Student	UMY-Student	agus
34:e2:fd:88:07:c9	10.89.16.26	AP-H-D-5	UMY Guest	UMY-Guest	Unkr
3c:ab:8e:98:fd:61	10.89.0.92	AP-H-D-4	UMY Student	UMY-Student	emir
40:f0:2f:cb:b6:d6	10.89.11.143	AP-H-D-1	UMY Faculty	UMY-Faculty	Unkr
44:74:6c:c7:4a:16	10.89.3.24	AP-H-D-5	UMY Student	UMY-Student	andi.

Lampiran 8 Cisco Prime Infrastructure

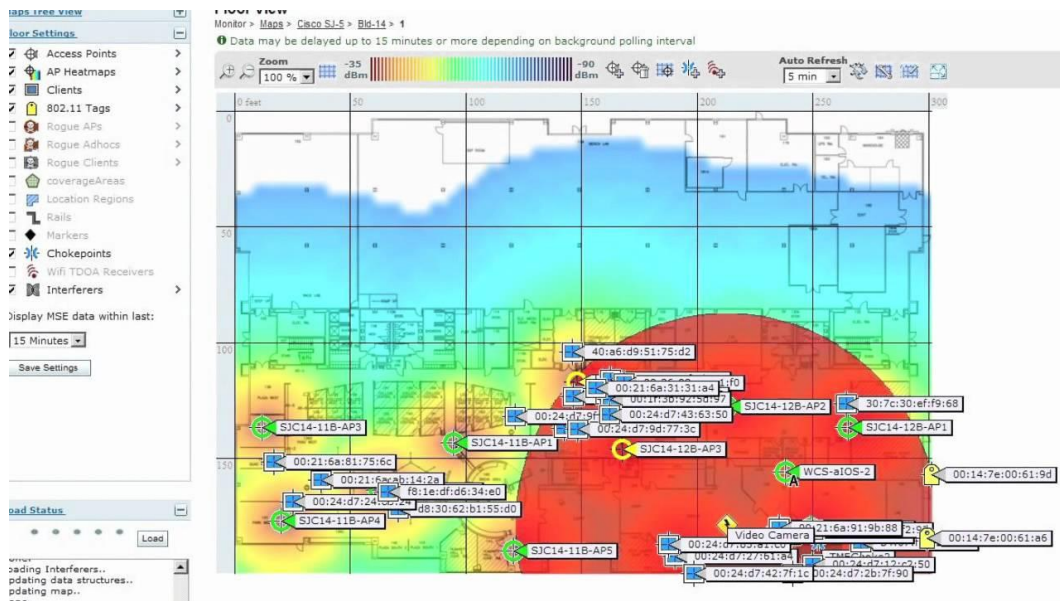


Cisco Prime Infrastructure merupakan perangkat tambahan dalam UWN dimana perangkat ini memiliki fitur-fitur sebagai berikut:

- Konfigurasi dan monitor perangkat jaringan baik jaringan kabel maupun nirkabel
- Audit dari konfigurasi pada perangkat jaringan yang sudah terpasang
- Melihat *heatmaps* / persebaran sinyal jaringan nirkabel.
- Melakukan reporting berdasarkan kategori-kategori yang diinginkan.

Cisco Prime Infrastructure ini dapat membantu Staf BSI untuk memelihara dan memonitori jaringan kampus UMY secara terpusat dan mudah.

Lampiran 9 Cisco Mobility Service Engine

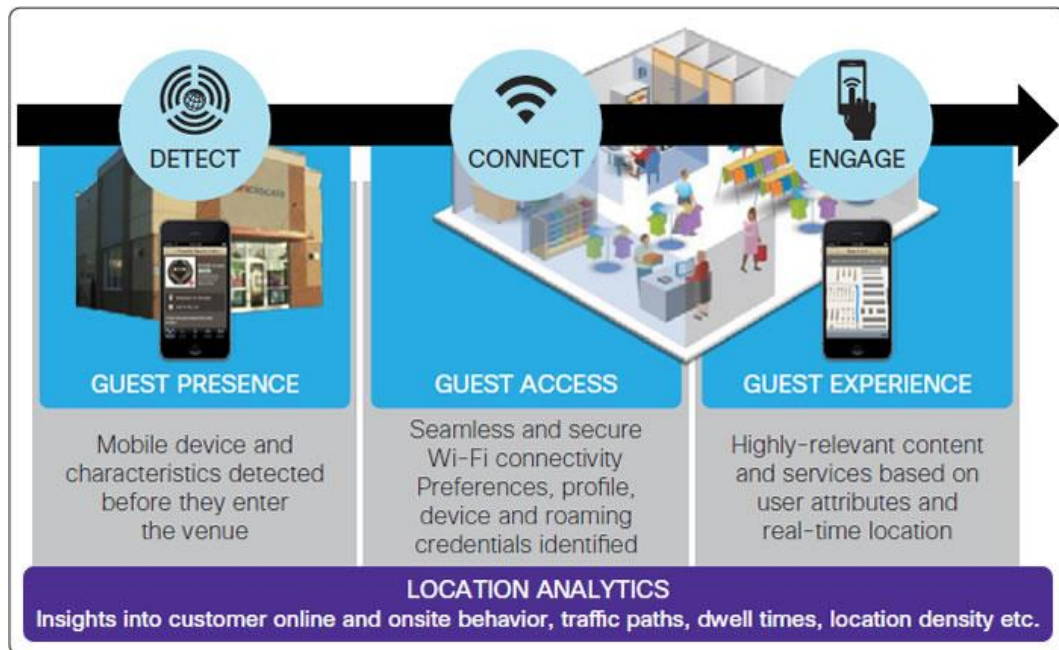


Cisco Mobility Service Engine merupakan perangkat tambahan dalam UWN dimana perangkat ini memiliki fitur-fitur sebagai berikut:

- Deteksi serangan jaringan nirkabel, baik itu serangan AP Flooding, DoS, DDoS, Fake AP dan lain-lain.
- Automatis memitigasi masalah yang ditemukan didalam jaringan nirkabel terkait serangan-serangan seperti disebutkan diatas.
- Melakukan pencarian dari sumber serangan

- Melakukan reporting sesuai dengan keperluan manajemen kampus.

Lampiran 10 Cisco Connected Mobile Experience



Cisco Connected Mobile Experience (CMX) adalah perangkat tambahan dalam sistem UWN dikhususkan untuk kebutuhan akses tamu di kampus UMY. CMX memiliki fitur-fitur sebagai berikut:

- Kustomisasi halaman *captive portal* dengan mudah dan cepat
- *Login captive portal* bisa dibuat dari media sosial, voucher atau sms
- Melihat pola kunjungan dari pengunjung
- API yang bersifat terbuka sehingga semua developer bisa mengembangkan aplikasi sendiri berdasarkan data yang dihasilkan oleh CMX.