Review
Some Backbone Setup
Wireless Controller Staging

Moar Backbone Setup
Internet Setup
NOC Room Setup

Access Points Staging
Media Server Install

Patching APs deployments (Flamingo, LINQ, Harrah's)
Wifireg install

Wifireg instruction tweaks (Android)
Some last minute requests

May/June/July
Sunday
Monday
Tuesday
Wednesday
Moar last minute requests
Some Moar Patching

Thursday

Moar last minute requests

Some Moar Patching

Friday

Shit worked with minor issues

Saturday

Teardown Flamingo/ LINQ/ Harrah’s
Malört

Sunday

Support DEF CON Trainings
Finish Teardown
Packing
Go home! (Wed)

Monday/ Tuesday
# The Gear

### Wired Gear
- 3 x Firewalls - FreeBSD
- 4 x Core/ Distro Cisco Switches
- 21 x Edge Cisco Switches
- Some unmanaged switches
- Monitoring Cloud Infrastructure
- 1 x WiFi Registration "Server"
- THE Media Server

### Wireless Gear
- 4 x Aruba Controllers
- 45 x Aruba Access Points (model 305)
- 318 x Aruba Access Points (model 534/535)
Wired

- Villages
- Contests
- Speakers
- Press
- InfoBooth
- Entertainment
- DC TV
- Discord DevOps
- Workshops

WOW-Fi

- Attendees
- Workshops
- And everyone else
- Workshops
Traditional Stats

14.2 TB of internet traffic (vs DC 29 – 6.8TB vs DC 27 - 12.6 TB)
- Inbound: 8.6
- Outbound: 5.6
5,255 users registered on wifireg
   (including the SQLi attempt, win.ini I see you)
1,434 wireless users peak
8,346 total number of devices on WoW-Fi
9,490 unique DHCP leases
8,725 different mac addresses
10.4 TB of wireless traffic
1.6 TB media server traffic
Challenges
New

• Ticketing System
• Continuous Synthetic User Monitoring
• nzyme Wi-Fi monitoring
• Cloud Monitoring
• WPA3 (fully supported only in Linux and Android)
Wireless

From 2022-08-11 11:30 To 2022-08-14 11:30

Hide Legend | Show Previous | Show RRD Command | Zoom to Port Speed | To show trend, set to future date

bps  Now  Ave  Max  95th %
In  250.07M  113.23M  675.90M  451.62M
Out  499.61M  283.41M  1.67G  932.52M
Total 10.55TB (In 3.01TB Out 7.54TB)

Port Speed 10 Gbps
Nzyme data

Number of unique SSID's advertised around the NOC: 989
Number of unique Pwnagotchis detected around the NOC: 38
Number of Frames detected from Pineapple devices: 382
Number of De-authentication flood attacks detected around the NOC: 31
Number of attempts to spoof any of DefCon SSID's by changing or disabling encryption: 15

Most advertised unknown networks:
TMobileWingman
pwned
big turd
Council of Ricks
openwireless.org2
0D4YMYD3C0
HackMyHat
Searching...
Dr_Dr0n3-GuessMyPassword
SwapSpot
Pineapple_2E49
Avalon
Guppy
MSG_Guest
SQUEEZE
The NOC Team

Leads
@effffnmac

Chief of Staff
#sparky

Infra/Systems
MikeDc7fiveboogerdeadicationdp1i

Wi-Fi
CRVJon2

Runners
wishstrangeTophk4tn155

Monitoring
commiebstrdjohntitor
Thanks!

- DT
- Janet
- Nikita
- Department Leads
- QM
- Caesars IT & SOC
- Encore Staff
- Every other DEF CON Goon
- Guy Fieri
- YOU!

https://noc.defcon.org

@DEFCON_NOC