Review

The 27 Most Powerful Photos Of Guy Fieri Pointing At Things

Some Backbone Setup

Wireless Controller Staging

May/ June/ July

Moar Backbone Setup

Internet Setup

NOC Room Setup

Sunday

Access Points Staging

Media Server Install

Monday

Patching Patching Patching

APs deployments (Flamingo, LINQ, Harrah's)

Wifireg install

Tuesday

Wifireg instruction tweaks (Android)

Some last minute requests

Wednesday

Thursday

Moar last minute requests

Some Moar Patching

Friday

Saturday

Shit worked with minor issues

Sunday

Teardown Flamingo/ LINQ/ Harrah's

Malört

Monday/ Tuesday

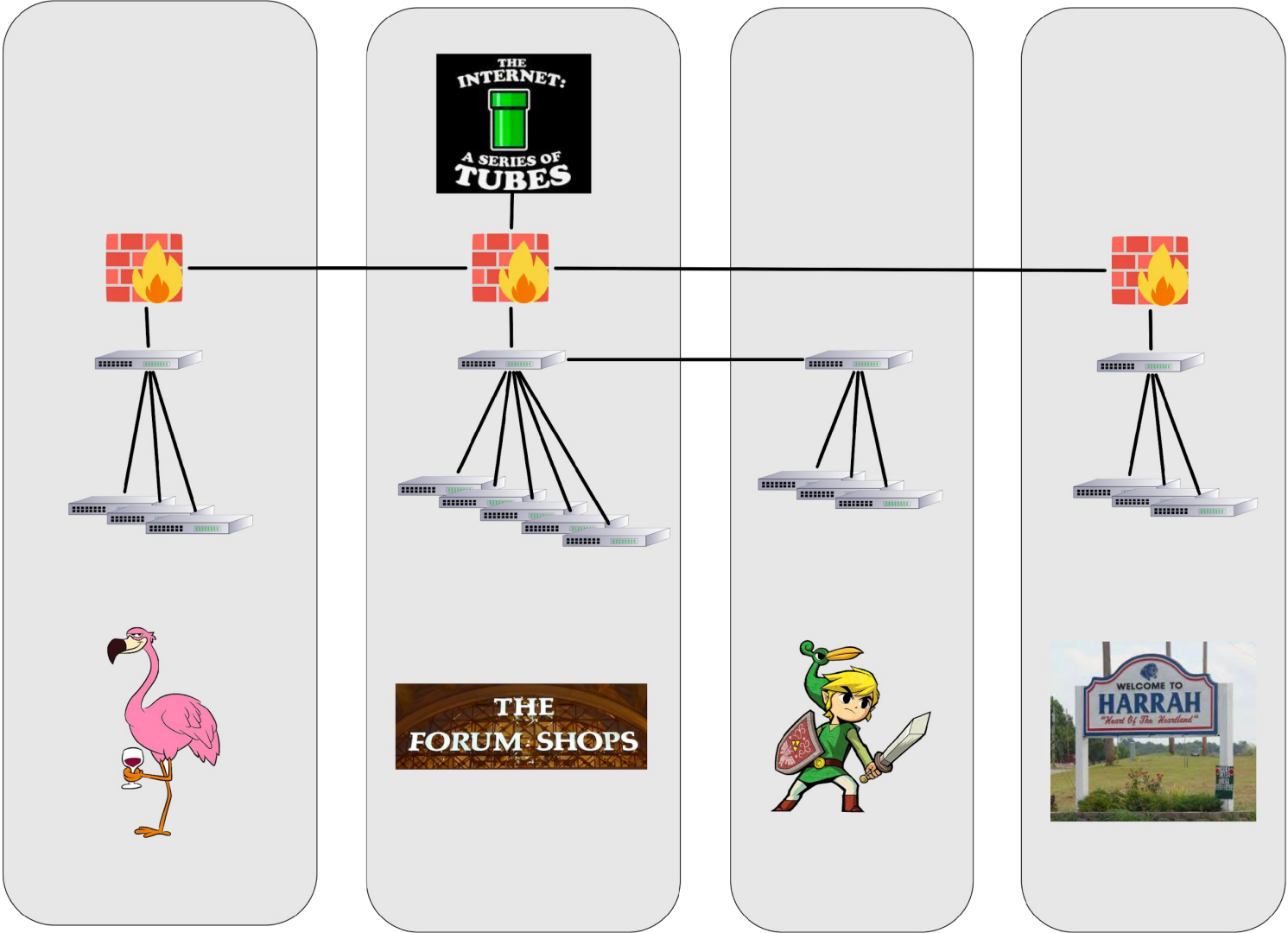Support DEF CON Trainings

Finish Teardown

Packing

Go home! (Wed)

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

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
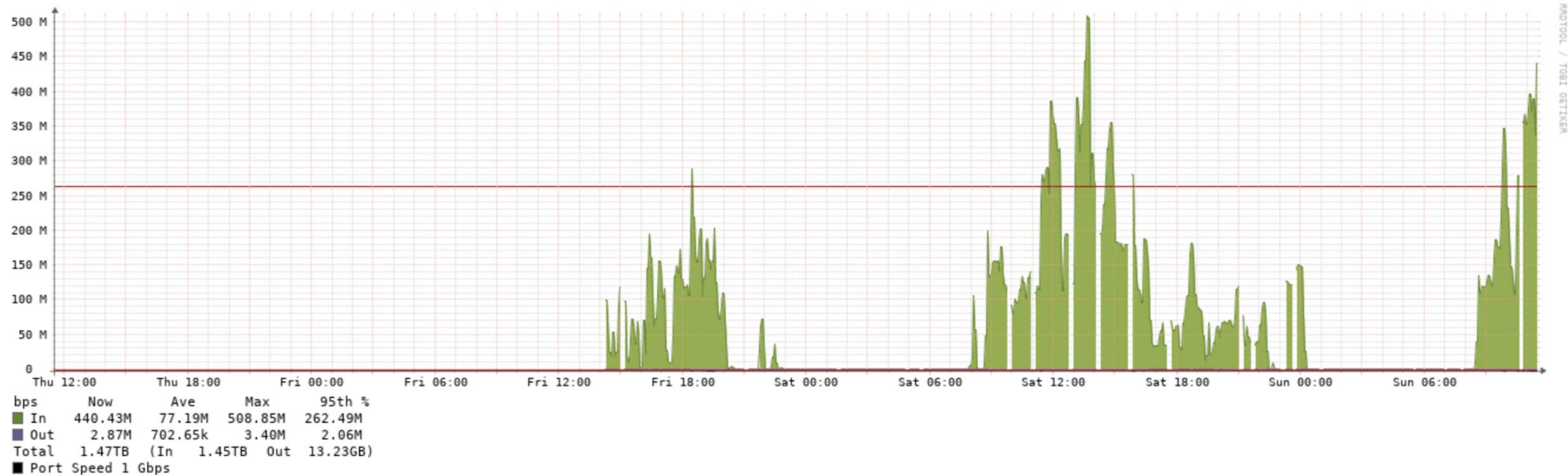- WPA3 (fully supported only in Linux and Android)

Media Server

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

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

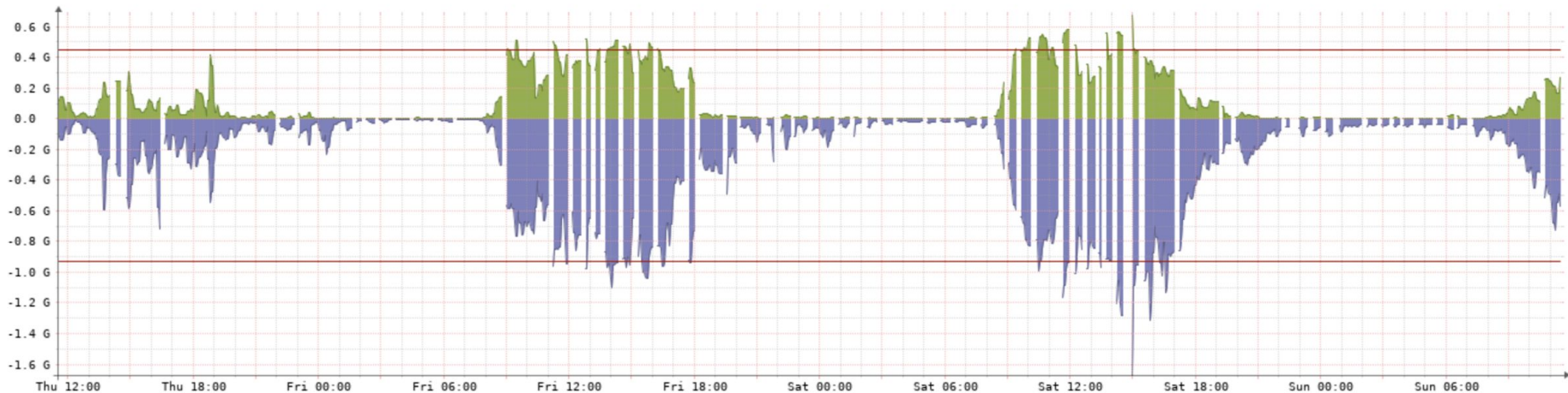| bps	Now	Ave	Max	95th %
■ In	440.43M	77.19M	508.85M	262.49M
■ Out	2.87M	702.65k	3.40M	2.06M
Total	1.47TB	(In	1.45TB	Out 13.23GB)

■ Port Speed 1 Gbps

Wireless

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

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				

Internetz

```
bps        Now       Ave       Max       95th %
■ In       965.43M   361.09M   1.40G     1.04G
■ Out      1.17G     431.95M   2.23G     1.31G
Total      21.20TB   (In  9.65TB   Out  11.55TB)
■ Port Speed 20 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...
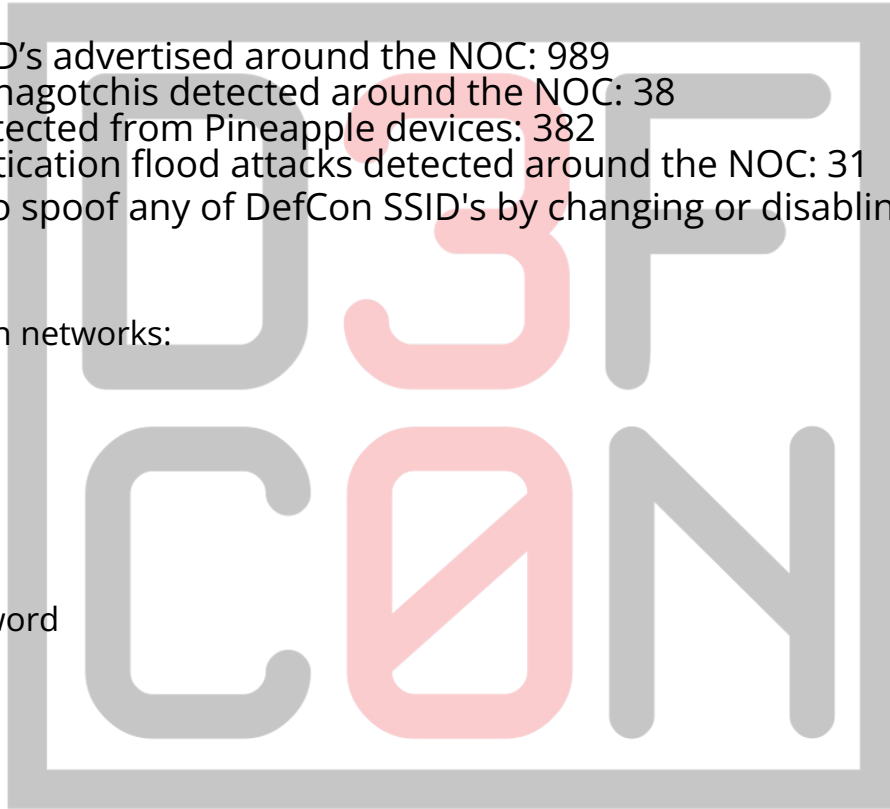Dr_Dr0n3-GuessMyPassword
SwapSpot
Pineapple_2E49
Avalon
Guppy
MSG_Guest
SQUEEZE

The NOC Team

Leads
@effffn
mac

Chief of Staff
#sparky

Infra/Systems
MikeD
c7five
booger
deadication
dp1i

Wi-Fi
CRV
Jon2

Runners
wish
strange
Toph
k4tn155

Monitoring
c0mmiebstrd
johntitor

Thanks!

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

https://noc.defcon.org

@DEFCON_NOC