

# 10 Peaks Brecon Beacons



✓ 24 hours

✓ 3000m of ascent

...and 10 peaks (obviously)

√ (very) random tech





## Priority 1.0

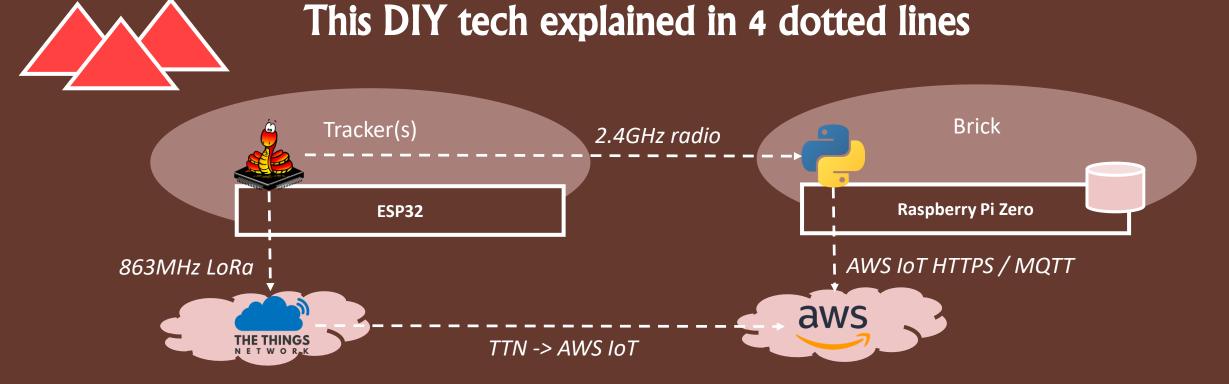


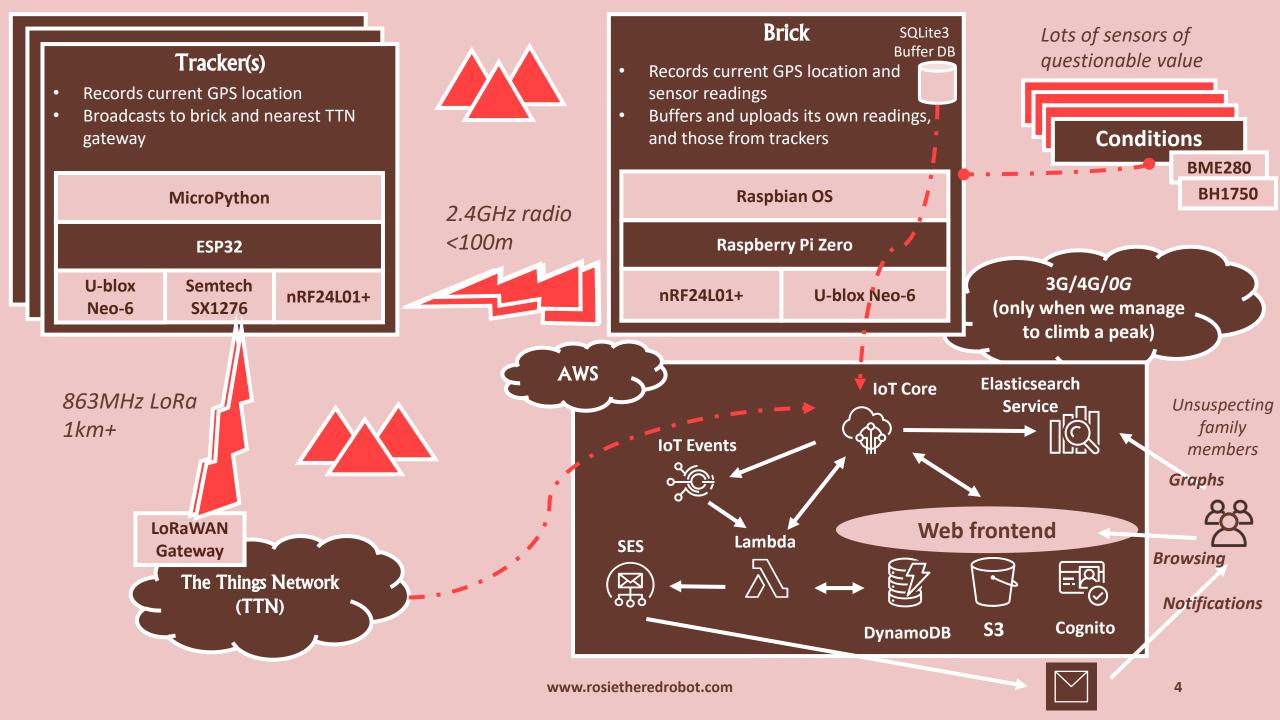
 $\checkmark$  B.A.R.F. <sup>™</sup> = Begin > Attempt > Regret > (But hopefully) finish

## Priority 2.0

- ✓ Convince family to track progress and race conditions
- ✓ Collect bucket loads of data that we'll probably never ever need
- ✓ Prove that true geekery can coexist with nature, outdoors
- ✓ Raise a few quid for charity









### **IoT Core**

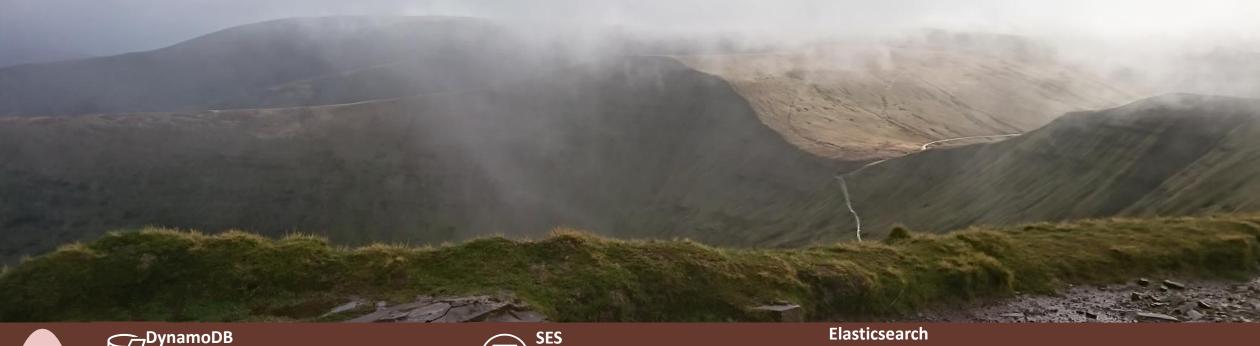


- Device (thing) management
- Message ingestion and processing
- Shadow document

### **IoT Events**



Device state monitoring (responding / not responding / lost)



with updates

## DynamoDB

Custom data storage (locations)



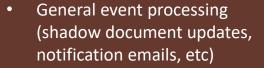
frontend

Web

Static website hosting



## Lambda



Spamming family members

Service



General dumping ground of data (Elasticsearch)

Data visualisation (Kibana)

**Identity and Access** Management



Role, policy and permissions management



## Cognito



Web frontend user identity store

www.rosietheredrobot.com



# Check out the project in our GitHub repository:https://github.com/fantasticdonkey/rjoT

Follow us on Twitter for updates:@rosie\_red\_robot

Thanks!

