

IT meeting

Cole Turner, Carson Page

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Contents

Initial questions

- AWS unknowns?
- vLAN map/verify
- UPS login?
- vSphere HA replication
- Switch/patch panel labels
- GENESYS walkthrough
 - Simulator/x-parameters
 - Sys parameter model
 - GENESYS library
- minicircuits web-API (searchAPI)
- extra server ideas?
- Where did we get SSL cert? How is it renewed?

12:32 - S3 buckets

- cf-templates X
- elasticbeanstalk X

- cjk-cascade-test X
- kops-xmicrowave-store X
- pki.xmicrowave.com KEEP
- prod-kops X
- x-microwave.com KEEP
- x-microwave.net KEEP
- xm-codedeploy X
- datapipeline KEEP
- elb logs KEEP
- raspi image X?
- serverless deploy stuff ??

TODO Centralized logging on S3

13:19 - CASCADE DB

- deploy.sh - **CI/CD** instance
- DockerFile
 - alpine Linux, layered cache
 - creates docker container on CI/CD instance
 - CI/CD uploads on gitlab
 - `.gitlab-ci.yml` how it's deployed
 - * then `deploy.sh`
 - kills docker container
 - removes it
 - manage secret variables
 - replace and run
 - traefik: port router within docker
 - network web: docker vLan equiv
 - * *Portainer is just a convenient human tool*

TODO centralized logging on docker

13:53 Gitlab runner

- CI/CD machine

TODO edit .gitlab-ci files

- don't overwrite temp folder (env, dp)
- see Sparameter viewerNX

14:01 Genesys

1. add-part json
2. job queue, translate json to automation (mouse/click sequence)
3. genesys runner
4. integrate genesys in with cascade and filemaker info

14:05 Simulator

- generated genesys XML library
- json data in mongoDB
- reverse proxy is similar to traefik
- converted json to genesys XML in simulator
- REDIS is used as the queue server by javascript in simulator
- *Genesys XML format help - reach out to Carson*
 - filemaker genesys file scripts are documented, read those
- Genesys packager
 - update library from the website

14:28 Sys parameters

- cross between X params and S-params
- look for genesys "import/export sys parameters" on filemaker

14:37 minicircuits web api

- SearchApi internally uses filemaker "SearchTool"
- minicircuits emulates older search api
- see "proto buf"
- filemaker -> mer file (basically csv) -> main.rs w/ serde library -> rustoso tool

14:47 Networking

- See networking in the wiki
- CIDR networking concepts
- pfBlocker Black list

TODO colored lists, varying security levels

- black -> red -> yellow

14:55 UPS

- don't rely on automatic shut down stuff currently

TODO Find and/or reset login

TODO Automatic server shut down

14:56 HA cluster

- r610s can't run latest ESXi
- turn r610s into VMware HA SAN server (iscsi)?

15:00 Getting new servers

- Dell servers
- Trend Micro custom built
- Ryzen servers, AMD epic.
- "whitebox" your own
- deals on craigslist