



IT-Devops Update

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Winter ~~is coming~~.. is here



Heavy Snow at the Summit, several days lost due to snow.

Couple of weeks bringing systems online due to power failures

Summit - Base Link down for ~12 days.

2022 June - October Progress..

DAQ management has been puppetized and added to our Devops stack.

The NSF approved the Data Security amendment, which includes the Huawei avoidance effort. Encryption and Huawei quotes are in place.

The summit computer room was powered off several times due to failures in the power grid. Given these events, improvements were made to the startup procedure so the computer room can now be recovered in 1 day instead of the previous 3 days.

Comcam was installed in the TMA and fibers were connected.

Upcoming soon(ish)

*ACI Apocalypse (Q422) - ittn-043.lsst.io, this month!

BTS, this month!

Backups - K8s done!, Bare Metal in the works.

EL8, this week!

Postgres @summit, TTS up and running.

Summit Backup Link, ~this week!

Not so soon

3rd Floor Lab - ittn-047.lsst.io

Summit Computer Room (23?) - ittn-039.lsst.io, more power sockets, better airflow, cables re-certifications, etc - New UPS at the Summit

Unification of Authorization mechanisms, w/Frossie

PTP, pixel zone?

Base Computer Room, after Summit CR

Encryption, procurement in progress, working in disk encryption, and contacting vendors for professional services.

Dome network, still testing a mesh deployment.

LHN data flows

+ the usual





Q1: Do We need more nodes ? (cores/memory) and if so how many.

```
answer = raw_input("Do we need more nodes for Yagan?(yes/no)")
if answer == 'yes':
    nodes = raw_input("How Many?")
    when = raw_input("When will you need the extra capability?")
    print("So, " + nodes + " nodes will be needed by " + when)
else:
    print("Don't create IT tickets complaining about performance then")
```

Q2: What do we need to run in Yagan?

```
yagan_stack = raw_input("What needs to run in Yagan? (separated by comma)")
if yagan_stack:
    yagan_list = yagan_stack.split(",")
    print("Yagan will run:")
    for yagan in yagan_list:
        print(yagan)
else:
    print("Nothing? great!")
```