Thursday

* Tech call with mike\
  + Talked about goals for the day
    - Paylocity
    - Figuring out okta user flow
      * Need to find out if creating a paylocity user requires an email
* National call
* Evan
  + Evan called me concerning a PostgreSQL server connection
    - He wasn’t too specific but he did say that it was a custom postgresql server
  + He asked if it was possible to make a fivetran connection to the server
    - For which I responded maybe let me see
  + Research
    - Looked into the documentation for postgresql
      * If it is a custom server like he said it is most likely on a dedicated host, or hosted on premise
      * Went through to see the requirements
      * I found a lot of the restrictions happen in the logical replication category
        + There are several useable plugins but it recommends the use of test\_decoding
        + This step alone would require the use of a superuser in the postgresql server

In addition they must have a way to interact with the postgresql server

Mysql workbench

Psql

Etc

* + - * + They must also be able to create a user and alter privileges to read only for fivetran

Requires superuser

* + - * + Then it moves onto the more in depth step

Logical replication

Requires sudo or admin user privs

This is because two config files need to be modified

* + - * Put all the requirements in a clickup card and sent some question to evan
* VPN/VPC
  + Looked more into vpn connections for users to access an instance in a private subnet
  + Went into aws and created a new subnet
  + Stripped the route table from it
  + Made a new route table that only grants access to values within the vpc cidr block
    - Makes it private no internet access
  + Research
    - Did some research about the
* Saa practicd
  + Practice exam
    - Design resilient arch
      * 70%
      * Review points
        + Diff between

Rds read rep

Rds multi az

* + - * + Different attatches

Cold

Attach eni when instance is launching

Hot

When an instance is running

Warm

When an instance is stopped

* + - * + How to point the load balancer app name in route 53

Modify record

A

AAAAAA

* + - * + Familiarize with aurora global database
        + Aws personal health dashboard

Used to see healthy services

* + - Design high performing arch
      * 58%
        + Review load balancer strengths and weaknesses

Alb

Nlb

elb

* + - Design secure app and arch
      * 87%
    - Design cost optimized struct
      * 36%
        + Vpn

On premise to vpc

* + - * + Cloudwatch

Most times when wanting to stop ec2s from running overnight use cloudwatch alarms

* + - * + Aws budgets

Tells you when your costs will overrun aws resources

* + - Overall
      * 65%