

Intro anudeep

Our client is community fibre limited

We work on applications like hobs apizee etc

Where apigee is an application supported by cognizant (google product we will monitor api gateways)

For hobs tcs will focus on application we provide infra support for hobs

Majority of our services are in aws and some are on azure

We have various environments like

Sit-2system integrated testing uat 2user acceptance testing

In legacy we have management account.

----- process boards cr requests and cab contacts (hasitha)-----

We have mainly 2 scrum boards dis board and dscb board where tickets are cloned to

Dscb board in that only our team members are present,

There is a dropdown for indicating current state of ticket todo, progress on hold review and done

Every sprint will have 2 weeks

If there is a ticket which results to change in infra we need to do CR for that we have template which includes detailed information about the proposed infrastructure

Cab (change advisory board) need to approve that cr to perform a cr

-----confluence and resource creation-----

In confluence page we can find the steps to do any tasks like how to proceed with cr etc

For resource creation in cloudformation we need to get the code in vscode and update the

Variables in it and upload it to the aws console.

We use s3 bucket to store our statefile in terraform

We should have one backup file

Frequent tickets(Nandhini)

For production related ticket approval must be needed it is attached to the ticket

If some is joined newly they will request to grant access to the user for this servers we need to give access to them.

If it is production one we need to get it approved from Kishore

We will get ticket like parameter update for ex rds

-❓ if it is apply type is static restarted is required we need to inform to them for this cr is required

❓lambda function is a short taskwe will work .

“”-> we need to approve hobs prod pipeline we need to ensure the lower env getting passed

Current we r having for cst saving purpose we stopped few of our servers after getting permission we will do it using lamda function we are automating it.

For lam permission we need to create a policy and attach the policy to a role which is assigned to the user

Scope of work and major services that we used (nidhi)

List of tasks that we need to do

D365 Microsoft Dynamics 365 (D365) is a suite of intelligent business applications

aikido which scans env and produces report on vulnaribilities

Major services are

ec2,ecs,eks,lambda is serverless computing service

DOMO FOR reporting and storing

rds etc

-----code repo (bhuvan)-----

In github we have public website

“”Circle ci is also for cicd we r not using it now.

We are moving our repos from github to gitlab

Cfl devops is our team related repo in gitlab

We are having pipelines in aws pipeline and gitlab

In codebuild pipeline is triggered.....

For prod pipeline these are the stages

Prebuild

Build

Deploy

Sit and uat in that also prebuild ,build and deploy

Mail our our is to update env variable

For that we need to go to cicd and variables and update or add the variables there

Jobs related to production one approved by our team

We need to gitlabci.yml file for creating a pipeline

Daily health checks

First we have template in which it has like

Services are ecs,ec2 (mgmt. account) ,rds,loadbalancer,eks

Clustername account name,eks desired vsrunning nodes, reamarks etc

While monitoring disk utilization we need to connect the ec2 instances

Cmds are free -h

df -h

For rds we check red iops write iops

After performing we need to upload in sharepoint with proper naming convention so that

Automation can took place at 8 30

After that update in confluence page and also send mail to our team and businessteam

-----cloudwatch (Aniket)-----

First task is that we have a template we need to update the xl sheet with current running alarms.

Send this sheet to brindha and team

Monitor the cloudwatch send mail to brindha and cfl team if it is hobs prod

-----pocs (trupti)-----