

EC2:

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- ✓ creating instances as per requirement
- ✓ Managing Security Groups.
- ✓ Creating EBS snapshots and AMIs for DEV, QA and UAT Env
- ✓ Creating EBS snapshot lifecycles
- ✓ Starting and Stopping EC2 instances when not in use.
- ✓ use aws cli create shell scripts.
- ✓ Knowledge about LB and ASG as its used in production
- ✓ we use all on demand, reserved and spot EC2 instances

VPC:

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- ✓ Route table updates
- ✓ NACL updates
- ✓ Creating vpc, subnets, IGW, NAT Gateway and NAT instances.
- ✓ Peering connection from test-vpc to prod-vpc
- ✓ VPC end point for connectivity over a private link
- ✓ vpc monitoring with flow-logs, generating report and providing it to network admin team

S3:

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- ✓ keep backups of project files and wars, logs etc.
- ✓ static website (internal project website, i.e: documentation website)
- ✓ cross region/account replication
- ✓ s3 event notifications
- ✓ object lifecycle creation
- ✓ creating, deleting buckets
- ✓ uploading, deleting objects to and from the buckets.
- ✓ use S3 CLI

IAM:

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- ✓ Creating groups,
- ✓ adding users to groups
- ✓ active dir is synced so users are synced directly to AWS.
- ✓ giving policies to all the users and groups as per requirement
- ✓ creating customer managed and inline policies with the help of visual editor
- ✓ creating and maintaining multiple roles for services and for users
- ✓ Roles for cross account access.

CloudWatch:

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- ✓ Monitoring of different metrics
- ✓ creating custom metrics
- ✓ creating alarms
- ✓ maintaing and creating dashboards
- ✓ tracking CW events and setting up appropriate rules and targets
- ✓ SNS configuration as a target
- ✓ CW logs configuration for our tomcat logs

SNS:

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- ✓ creating topics and updating subscribers

CT:

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- ✓ creating trail, generating report and sharing it with IT ops team,
- ✓ AWS complice team of our company.

Linux:

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- ✓ All our infra is in Linux only.
- ✓ env variables set,
- ✓ path set
- ✓ patching
- ✓ installing packages etc....
- ✓ shell scripts knowledge

- path set
- patching
- installing packages etc....
- shell scripts knowledge

Project Team:-

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Dev:-10-20

QA:-30-40

UAT:-5-10

DevOps:- 4 - 2 seniors and app junior ho

DB -

Network -

Instances kitne hain:-

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DEV:- 10-15

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QA:- 30-40 instance (alag alag type ki testing hoti hain manual, automation, api and performance based testing == and diff machines are needed for different feature based application setup or env setup)

(qa teams asks to setup properties in application files to change the behaviour of application as per requirement)

(qa team can ask DB changes as well, they will ask to run some DB commands)

UAT- 5-10

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PROD:- 20-30 high config vms --- autoscaling setup

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flavour of linux :- RHEL, amazon AMI 2 (Kernal 5.0) → Redhat Enterprise

type:- :- t3.large - 8GB 2core for test environment

:- t2.xlarge - 16gb 4core for prod and pre-prod and perf environments, jenkins, ansible machine

Linux

Note Down all the software's versions which you are using and mention them in resume.

AMI: per envs 2 AMI

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VPC- 2 (TEST-VPC, PROD-VPC)

SUBNETS:-

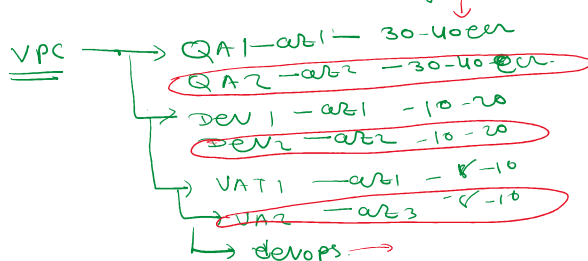
QA - 2 multiple zone

DEV - 2 multiple zone

UAT - 2 multiple zone

DEVOPS - 1 Subnet -- AMI also present →

HA - High availability



Environments



