Oracle Sr. Manager – OCI Compute: Technical Q&A; Flashcards

Q: How do you minimize blast radius in CI/CD deployments?

A: Canary → Region → Fleet rollouts, feature flags, automated rollback, isolate by fault domain, monitor SLIs (latency, errors).

Q: How do you ensure reliability during firmware or infra updates?

A: Drain workloads, staged rollout (small batches), maintain capacity buffer, health checks, automate with Ansible/Terraform.

Q: What metrics would you track for service availability?

A: Availability %, Latency (P95/P99), Error rates, MTTR, Deployment success rate, Customer incident count.

Q: How do you handle a large-scale distributed system incident?

A: War-room, assign clear owners, mitigate first (rollback/reroute), frequent comms, blameless postmortem, systemic fixes.

Q: How do you design for High Availability (HA)?

A: Multi-region redundancy, load balancers with health checks, quorum-based control plane, graceful degradation, chaos testing.

Q: What's your experience with APIs in compute lifecycle?

A: REST APIs for create/attach/resize/terminate, idempotency, rate limiting, abuse detection, logging/metrics, backward compatibility.

Q: How do you balance feature delivery with reliability?

A: 50/30/20 roadmap split (features/reliability/tech debt), error budgets, align with customer pain points.

Q: OCI vs AWS EC2 – comparison?

A: OCI: bare-metal isolation, flexible shapes, clustered GPUs, enterprise focus. AWS: ecosystem breadth, developer adoption.