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Lot 3 – Cloud Support Managed Cloud

GCloud 15 – Service Definition Document

Key Functions Performed by CloudOps

01.

Provisioning / Deprovisioning

Setting up and configuring cloud resources, virtual machines, containers, databases, networking required to run applications.

02.

Monitoring, AIOps

Continuously monitoring the performance and drive AIOps based services

03.

Agility, Scalability

Dynamically adjusting the resources allocated to applications based on demand. Horizontal & vertical scaling

04.

Availability, Fault tolerance

Redundancy, failover mechanisms and load balancing to ensure application availability

05.

Automation

Tools, scripts and catalog drive automation of cloud services

06.

DevOps , SRE

Drive CI/CD and SRE based services

07.

Security & Compliance

Implementing security measures to protect data and applications, as Adherence to compliance standards

08.

Backup & Recovery

Planning and implementing strategies to back up services, as well as recovering them in the event of failures.

09.

Observability, Performance

Identifying and resolving performance bottlenecks and inefficiencies, Provide end to end observability

10.

Financial Management

Optimizing cloud resource usage to control costs while still meeting performance and availability requirements.