



Sherdil IT Academy

Google Cloud Engineer Masterclass



S.No	Content	Remarks
1	Cloud Computing Basics	Theory / Lab
2	Identity and Access Management Roles: <ul style="list-style-type: none">● IAM roles● User types● Primitive, predefined and custom roles	Theory / Lab
3	Virtual Networks: <ul style="list-style-type: none">● Multi region network deployment● Discontiguous network implementation● Multi-region subnet● Route & route table● Cloud router● Cloud NAT● Firewall rules with tags	Theory / Lab
4	Cloud SQL: <ul style="list-style-type: none">● Deployment of Cloud SQL● using my Sql to setup a database engine● Using Dbeavers/ my SQL workbench to connect Database engine	
5	Cloud Storage: <ul style="list-style-type: none">● Folder setup● Upload file & folder● file lock● change storage classes	
6	Google Compute Engine (GCE): <ul style="list-style-type: none">● Windows machine deployment● Linux machine deployment● SSH & RDP access● Image & Backup● Cloud shell SSH access● Firewall tagging	Theory / Lab
7	Global Load Balancer: <ul style="list-style-type: none">● HTTP & HTTPS load balancer● Frontend & Backend services● Link with scaling services● Global anycast IP● Application deployment using scaling & load balancing	Theory / Lab
8	AutoScaling: <ul style="list-style-type: none">● Setup launch template● COnfigure & deployment of managed instance group● link with Global load balancer	