



Sherdil IT Academy



Associate Cloud Computing / Professional Cloud Computing Alibaba 2in1 Course

S.No	Topics	Training Method
1.	Introduction to Cloud Computing <ul style="list-style-type: none">● Overview of Alibaba Cloud Services● Alibaba Cloud certification Roadmap & pricing● Alibaba Cloud Regions and Availability Zones● Signup & login Alibaba Cloud Account	Theory
2.	Networking <ul style="list-style-type: none">● Design a Virtual Private Cloud (VPC) in detail● Route, Routing table & Subnets● Configure NAT Gateway● Optional Components with VPC● Design a complete VPC with HA (Complete Lab)● VPC Final Review with Exam Discussion● Server Load Balancer (SLB) in detail● Alibaba Cloud CDN & Alibaba Cloud DNS in detail	Theory / Hands On Lab
3.	Elastic Computing Services (ECS) <ul style="list-style-type: none">● Alibaba ECS essentials & Components● ECS Scale in, Scale-up VS Scale-out the concept● Launch ECS with Template & Custom Image● Block Storage devices Types & Its Encryption● Private, Public & Elastic IP Address● Create and Launch ECS Linux & Windows Instance● Create Image & Snapshot● Server Load balancer (SLB) & Autoscaling concepts● Create an ECS Instance using AS Group● ECS & AS group Q/A & discussions	Theory / Hands On Lab
4.	Object Storage Service (OSS) <ul style="list-style-type: none">● Object Storage Service (OSS) essentials & components● OSS Permissions (Bucket Policies)● OSS Storage Types (Standard, IA, Archive)● Website hosting with OSS● Object Storage Service (OSS) exams Q/A discussions	Theory / Hands On Lab
5.	Database (RDS) <ul style="list-style-type: none">● RDS essentials● RDS LAB (MySql)	Theory / Hands On Lab
6.	Management and Monitoring <ul style="list-style-type: none">● RAM essentials and best practices● RAM Policies, MFA and Roles● RAM users and groups● Create a user, group with RAM policies (Lab)● RAM Exam Q/A Discussions● Cloud Monitor	Theory / Hands On Lab
7.	Alibaba Cloud china gateway	Theory

	<ul style="list-style-type: none">● Alibaba cloud china gateway intro	
8.	Security (Optional part) <ul style="list-style-type: none">● Game Shield (Network security)● DDoS Protection (Basic, Pro, Premium) [Network security]● Cloud Firewall (Network security)● Alibaba Cloud SSL Certificate Service (Application security)● Web Application Firewall (WAF) [Application security]● Server Guard (Server security)● ActionTrail	Theory
9.	Final Project <ul style="list-style-type: none">● Final Overview & Exam Discussion	