

ESDS'S Train The Trainer Certificate Course Syllabus

Topics to be covered	Time Frame
DAY 1 FUNDAMENTAL CLOUD COMPUTING TERMINOLOGY AND CONCEPTS Brief History/Definition of Cloud Computing Servers Vs Desktops Basics of Virtualization Type 1 & Type 2 Hypervisors (Bare metal/Native Hypervisor & Hosted Hypervisor) Virtual Machines (Threading/vCores/RAM/HDD) VM Access	2 Hrs
DAY 1 CLOUD ARCHITECTURE External Network, Server, Internal Network & Storage	1 Hr
DAY 1 Cloud Delivery Models (IaaS, PaaS, SaaS) Infrastructure-as-a-Service (IaaS), Platform-as-a-Service (PaaS), Software-as-a-Service (SaaS)	1 Hr
DAY 1 CLOUD DEPLOYMENT MODELS Public Cloud, Private Cloud, Hybrid Cloud & Community Cloud	1 Hr
DAY 1 UNDERSTANDING SCALABILITY Horizontal - Vertical- Multidimensional Scaling	1 Hr
DAY 2 DATA CENTER OVERVIEW Working & Functional model of Data Centers	1 Hr
DAY 2 CLOUD SECURITY Cloud security components External (DC level) & Internal (Client Specific) Security	2 Hrs
DAY 2 BUSINESS COST METRICS Capex, Opex, TCO, Cloud vs On-Prem	1 Hr
DAY 2 SERVICE LEVEL AGREEMENTS (SLAs) For Cloud Based IT resources	1 Hr
DAY 2 COMMON CLOUD PROJECT LIFECYCLE STAGES	1 Hr
DAY 3 ESDS' eNlight 360 Overview eNlight 360 Overview & Background eNlight Features, Billing & Use cases eNlight 360 Deployment architecture	3 Hrs
DAY 3 eNlight 360 Demo & Practical eNlight 360 Demo	3 Hrs

eNlight Portal access, user creation for K K Wagh People
Lab session covering all the eNlight 360 portal features
Cloud Security - ESDS's MTv Scan demo

DAY 4 eNlight 360 Portal Lab Session covering all the features/tabs (Practical)

7 Hrs

Full day lab session covering all the eNlight 360 portal features
Feedback Session

25 Hrs

