Cloud United –
Cloud Test Practitioner (CTP)

About the Course

Learn and get certified on essential cloud characteristics and cloud specific tests.

Course Outline

Chapter

1. Introduction to Cloud
- Cloud Computing Advantages and Disadvantages
- Service Models in Cloud
- Cost Of Cloud Computing

2. Cloud Technology and Terminology
- Virtualization, Hypervisors and Hyperscalers
- Load Balancing
- Containerization

3. Cloud Testing
- Cloud Testing Versus Conventional Software Testing
- Types Of Tests for Cloud-Hosted Applications
- Cloud Specific Tests

4. Cloud Migration
- Introduction To Cloud Migration
- Types Of Migration Tests
- Data Migration Testing

5. Advanced Topics
- Cloud Native Applications
- Infrastructure As Code (IaC)
- Testing In Production (TiP)

Who Should Attend

- Testers, test leads and managers, QEs, and any testing roles that involve the cloud
- ISTQB CTFL certification is recommended

By the end of the course, participants will be able to:
- Support the creation of a test strategy from the perspective of cloud-based applications and various test aspects such as compliance, security, scalability, performance, resilience, disaster recovery and monitoring
- Calculate cost estimates for setting up cloud environments
- Support the creation of test environments by setting up and running docker images, clustering and using Kubernetes
- Create cloud instances of various operating systems (OS) and configurations as a prerequisite to setting up the required test environments
- Perform data migration testing
- Perform tests related to multi-tenancy testing
- Perform basic load and elasticity testing for cloud-hosted applications

TRAINING PARTNER

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LEMBAGA TEKNOLOGIS MALAYSIA
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HRD CORP REGISTERED TRAINING PROVIDER

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DURATION **3 DAYS** **MODE: ONLINE/F2F**