

IMPORTANT QUESTIONS CLOUD COMPUTING

Short Answer Questions:

1. Define cloud computing?
2. What is public cloud?
3. What is private cloud?
4. Describe layers and types of cloud?
5. What is Grid Computing?
6. Define the roots of cloud computing.
5. Difference between Virtual Appliances and the Open Virtualization Format
6. Define the characteristics of Cloud Computing
7. Define Cloud Infrastructure Management.
8. Difference between Iaas and Paas.
9. Differentiate between parallel and distributed computing Paradigms.
10. Define Virtual Machines and with neat diagrams explain VM Primitive operations.
- 11 Define PaaS and give any application/enterprise run by using PaaS.
- 12 Write a short note on desired features of a Cloud.
13. Explain briefly Public Cloud and Infrastructure Services.
14. Explain Virtual Machine life cycle with a neat diagram.

15. Write a short note on 'integration as a Service' in cloud?
16. What is T-Systems?
17. Describe computational grids.
18. Explain any three services offered by cloud.
- 19 Explain Storage virtualization.
- 20 Explain high availability and data recovery.
- 21 Explain Open nebula.
- 22 What is lease scheduling?
- 23 What are the business benefits of cloud computing?
- 24 Explain Virtual administration in cloud.
- 25 Explain data Interoperability in cloud.
- 26 Explain software Vulnerability and Breaches in cloud.
- 27 What are the benefits and obstacles for Cloud Mashups?
- 29 What is organizational readiness in cloud?
- 30 How to build content delivery networks using cloud. Discuss?
- 31 How to build content delivery networks using cloud. Discuss?
- 32 What are the Five Driving Factors for Change Encapsulated by the Frame Work?
- 38 What are the Five Driving Factors for Change Encapsulated by the Frame Work?

Long Answer Questions:

- 1 Describe a SOA, Web Services, Web 2.0, and Mashups
- 2 Describe layers and types of cloud?
- 3 Write about Hardware Virtualization.
- 4 What are all desired features of cloud?
- 5 Write any five features of VIM
- 6 Write a broad approach to migrating into the cloud,
7. Write the seven step model of migration into a cloud
8. How Transparency in Programming Environments separates in Cloud Computing?
9. Discuss the Feature Comparison of Three Distributed Operating Systems.
- 11 Explain the Evolution of SaaS.
- 12 Explain the Features of Cloud Infrastructure Management.
- 13 Explain various Migration techniques used in Virtual Machine Migration
- 14 Explain Aneka framework architecture with a neat diagram.
- 15 Explain Comet-Cloud Architecture with a neat diagram.
- 16 Write a short note on importance of Quality and Security in Cloud..
17. Write a short note on basic principles of cloud computing.
- 18 Explain briefly the Layers Enhancements for Federation (RESERVOIR Architecture).

19. Write a short note on Traditional Approach to SLA Management.
- 20 Write a short note on the need for Cloud Mashups and various concepts of Cloud Mashups.
- 21 Explain briefly the framework to comprehend the competitive environment in Cloud Computing..
- 22 Write a short note on Change Management Maturity Model (CMMM).
- 23Explain in detail the idea of “Cloud Computing and Identity”in Cloud Security.
- 24 Explain how Cloud Computing is different from Outsourcing and Provision of Application Services..
- 25Discuss in detailed about distributed system models.
- 26Explain in detail about virtualization of clusters and data centers.
- 27Explain about paradigm used for cloud era.
- 28Discuss the factors influenced to migration into cloud.
- 29Explain about work flow engines for cloud computing.
- 30Explain about best practices in architecting cloud applications in AWS cloud
- 31Explain the architecture for federated cloud computing environment..
- 32 Explain the pros and cons of content level security.
- 33Explain the legal issues in cloud computing.
- 34 Explain the Cloud service lifecycle.
- 35 Elucidate hardware virtualization.

- 36 Explain the functions and types of Hypervisors.
- 37 Explain the best practices to build an application on cloud.
- 38 Explain virtualization of clusters..
- 39 Describe the data model for virtual machine.
- 40 Explain the cloud integration methodologies..
- 41 Describe the cloud supply chain(C-SC)..
- 42 Explain a model for federal cloud computing.
- 43 Explain the Organizational Readiness Self-Assessment.
- 44 Describe the Lewin's Change Management Model..
- 45 Distinguish Cloud Computing from Outsourcing and Provision of Application Services.
- 46 Distinguish Cloud Computing from Outsourcing and Provision of Application Services.
- 47 Explain the Cloud service lifecycle.
- 48 Distinguish cloud computing from application service provider.
- 49 Explain about the information card.
- 50 Illustrate Amazon elastic Compute Cloud (EC2).
- 51 Describe briefly about Reservations with VMs.
- 52 Illustrate Amazon elastic Compute Cloud (EC2).
- 53 Distinguish between HPC systems and HPC on Cloud Environment.

54 How to protect your AWS credentials?

55 Explain two levels and Phases of GrepTheWeb Architecture.

56 Explain Deming Cycle Model.

57 Write a note on Data Security Risk in Cloud Computing.

58 Explain Deming Cycle Model.

59 Write a note on Data Security Risk in Cloud Computing.

60 Describe briefly about Cloud Contracting Models.

61 How to minimize risk in Commercial and Business Considerations?

62 Define the Evolution of SOA. Explain how SOA is applied to Cloud Computing.