## Cloud computing reference model

## Cloud Computing:

EasyExamNotes.com covered following topics in these notes.

1. Introduction to Cloud Computing
2. Historical development of Cloud Computing
3. Vision of Cloud Computing
4. Characteristics of cloud computing as per NIST
5. Cloud computing reference model
6. Cloud computing environments
7. Cloud services requirements
8. Cloud and dynamic infrastructure
9. Cloud Adoption and rudiments
10. Cloud application: ECG Analysis in the cloud
11. Cloud application: Protein structure prediction
12. Cloud application: Gene Expression Data Analysis
13. Cloud Computing Architecture
14. IaaS
15. PaaS
16. SaaS
17. Types of Clouds
18. Cloud Interoperability & Standards
19. Scalability and Fault Tolerance

20. Cloud Ecosystem
21. Cloud Business Process Management
22. Cloud Service Management
23. Cloud Analytics
24. Testing Under Control
25. Virtual Desktop Infrastructure
26. Cloud Resiliency
27. Cloud Provisioning
28. Asset management
29. Concepts of Map reduce
30. Cloud Governance
31. High Availability and Disaster Recovery
32. Virtualization in cloud computing
33. Server virtualization
34. Hypervisor management software
35. Third Party Cloud Services
36. Case Study: Google App Engine
37. Case Study: Microsoft Azure
38. Case Study: Hadoop
39. Case Study: Amazon
40. Case Study: Aneka

A list of Video lectures

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References:

1. Buyya, Selvi ,” Mastering Cloud Computing “,TMH Pub
2. Krutz , Vines, “Cloud Security “ , Wiley Pub
3. Velte, “Cloud Computing- A Practical Approach” ,TMH Pub
4. Sosinsky, “ Cloud Computing” , Wiley Pub