

## Cloud Ecosystem

### 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](#)

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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