

# Cloud Associate Engineer Amazon Interview Questions

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- If a server failed to do a nightly backup, what could be a reason for that?
- What is the difference between Bandwidth, Delay, and Latency?
- What is MTU, Window Size, Segment (MSS)?
- Describe 3-way handshake
- How does DNS work?
- How does DHCP work?
- What is BGP and describe the states - Idle, Connect, Active, Opensent, Openconfirm, Established.
- What is EIGRP?
- Scenario question about Stateful/Stateless firewall
- Scenario question about prefix-match and route summarization
- Scenario question about packet flow in NAT
- What is Active Directory and why would anyone use it?
- What is the importance of time in a windows domain?
- What is sysprep, sysvol, BSoD, DHCP, DNS, DFSR, WINS, Global Catalog
- Describe built-in tools to troubleshoot network issues.
- What are some best security practices and a scenario on a company under DOS attack and you choose best answers or suggest any additional answer - Quiz.
- Build a system that is robust and fault-tolerance for a start-up ecommerce website.

- What do you know about Hypervisor, VMWare, Windows Troubleshooting.
- What will you do when you type a website and website isn't loading up? How do you troubleshoot?
- What do you know about Active directories in Windows Server?
- How would you handle a customer who complains that all his data has been lost and has no backup?
- How do you design your web application on AWS?
- Difference between cloud and traditional services, what would you improve in AWS?
- What is the difference between range and xrange in python?
- How would you troubleshoot if ssh is not working?
- What commands will you use to find the disk space?
- HTTP Codes? - <https://httpstatuses.com>
- How to troubleshoot a slow computer?
- How to deal with a data loss complaint from a client?
- What and how the load value is calculated which is displayed when you give the command "uptime"?
- Linux server troubleshooting steps?
- Explain IPSec briefly.
- What are the steps to resolving www.amazon.com
- What is TCP?
- What is UDP? Differences between UDP and TCP, what kind of application based on UDP?
- What protocol is used and how to gate out from private network. (ARP)?
- Why Amazon?
- Explain DNS System.
- What if you have two customers with same problem at the same time, whom you will give the priority and why?
- What are the problems you found with AWS?
- Difference between RAID2 and RAID5, mdadm?

- A client in Germany is trying to access a server in London, but his connection is running slow. You are in Dublin. How do you diagnose the issue?
- What happens when you press the power button on your PC?
- I have forgotten my password, how will you help me?
- How do you find out your IP Address is?
- What is FTP? What kind of application it used for?
- What is the difference between HTTP and HTTPS? and why HTTPS is more secure?
- Difference between DNS and IP?
- Difference between Private IP and Public IP?
- Difference between Cloud and Virtualization?
- How to handle problems like CPU is 100% occupied or the computer is slow. What are the possible problems?