

SYSNET NOTES

System And Networking Notes With Interview Questions

How to Prepare for NETWORK ENGINEER INTERVIEW QUESTIONS

Are you thinking about getting a job as a Network Engineer? Are you considering leaving your present position and getting a new job at a new company? Has it been a while since you've interviewed? If you've answered yes to any of these questions then this is the post for you!

TIPS FOR PREPARING FOR THE INTERVIEW

Study - Before you go to your Interview, open the books up and give yourself a general review of networking.

Update your Resume - Read your resume and update it. Please prepare your Resume yourself. don't copy from any others. You must know your strengths and weakness very well.

Watch out for Social Networks - Many employers are getting very smart and will search on your name. Be sure if they find your facebook or twitter page there isn't anything there that you wouldn't want them to see.

Google yourself - Search for yourself on Google and see what you find. You would be amazed at what might pop up. Make sure nothing derogatory shows up.

Get Certified - One of the best things to do to prove you know what your talking about is a certification. This gives a new employer an easy way to understand your knowledge level.

Update LinkedIn Profile : Update your LinkedIn profile at the same time you updating your resume. Make sure your resume and LinkedIn profile shows same clients and duration for all projects you have done.

Dont Copy paste Resume : Please make sure you know every thing mentioned in your CV.

Preparing for NETWORK ENGINEER INTERVIEW QUESTIONS

Make sure you have enough knowledge in below categories. For more explanation click on the links

- **IP Addressing**- Make sure you know [subnetting \(without a subnet calculator!\)](#).
- Memorize [administrative distances](#) of all routing protocols.
- Review the simple stuff, like 3way handshakes in tcp, setting up hrsp, ip helpers, and vlans.
- Review Spanning Tree - Know what a root bridge is, know what VTP does

SYSNET NOTES

System And Networking Notes With Interview Questions

- Review VLANs and be able to explain what a vlan is.
- Have a detail idea about Dynamic protocols like OSPF and EIGRP and BGP
- [General Concepts of Networking](#)
- [Passive Interfaces for RIP,EIGRP and OSPF](#)
- [Cisco Three layer Hierarchical model](#)
- [Cisco Discovery protocol \(CDP\)](#)

OSPF

- [Describe OSPF,Different types of routers in OSPF,DR/BDR election](#)
- [How OSPF establishes neighbor relation](#)
- [DR /BDR Election](#)
- [OSPF Network Types](#)
- [OSPF LSA and Area types](#)
- [OSPF Authentication](#)
- Multicast address of OSPF in IPv4 n IPV6
- If OSPF router is stucked in each stage what the problem is and how to troubleshoot it

EIGRP

- [EIGRP notes with interview questions](#)
- [Explain EIGRP summarization](#)
- [Explain EIGRP Authentication](#)
- [Explain EIGRP stub types](#)
- [Explain EIGRP Passive interface](#)
- [Eigrp unicast neighbor](#)
- What is "Stuck in Active"
- What is graceful shutdown and restart

STP

- [What is STP and how it works](#)
- [STP interface States](#)
- [What is BPDU](#)

ACLs

- [What is access list.Explain difference between named and numbered access list](#)
- Write an example if you want to allow and to deny...
- [List of Well-known port numbers](#)

SYSNET NOTES

System And Networking Notes With Interview Questions

QOS

- What is that
- What is the diff b/w L2 and L3 QoS
- How it works

Network:

- [OSI Model](#)
- Draw the typical network diagram you have to deal with, explain how it works and What part of it you are responsible
- firewall, what is that, how it works, how it is diff from ACLs
- What problems with the network you had had and how you solved it.
- What are the ways to troubleshoot the network, techniques, commands
- network security, ways to achieve it
- [Wireless networks](#)

Switching:

Vlan

- [VLANs and InterVLANs](#)
- [VTP and Different modes](#)
- [Difference between End-to-end VLANs and Local VLANs](#)
- [Troubleshooting VLAN Problems](#)
- [What is QinQ \(802.1Q tunneling \) ?](#)
- [Private VLAN](#)
- [What is Mult VLAN port](#)
- [Static and dynamic VLAN](#)
- [Vlan Interview Q&A](#)
- How a L2 switch works with broadcast, unicast, multicast, known/unknown traffic
- [HSRP](#)
- VRRP
- GLBP
- [Protected ports](#)
- [What is MAC flooding attack](#)
- [What is DAI](#)
- [What is VLAN Hopping](#)
- [What is Cisco IP SLA](#)
- [What is UDLD](#)
- [What is DTP](#)

SYSNET NOTES

System And Networking Notes With Interview Questions

Take some online test from here

: <http://smarterer.com/tests/ccna> and <http://smarterer.com/tests/cisco>

Put yourself in their shoes, what will they need from you? Review the job description and target those things specific to the job your interviewing for .. Good Luck!