INTERVIEW QUESTIONS FOR RHCE

DNS:
Q> What do you mean by zone in DNS Server
Q> Explain the working of DNS server
Q> At what points does DNS works as a TCP service and at what points does a DNS work as a UDP service
Q> What is a root server in DNS
Q> what is A and AAAA records
Q> What is a caching name server

PROCESSES:
Q> How will identify which process utilizes maximum CPU
Q> Explain process scheduling
Q> How will you know which user started a particular process
Q> what is the process occurring behind chkconfig
Q> what are the difference between ctrl-c and ctrl-z(process)?
Q> How can you verify whether a service is run by root user
Q> Explain the meaning of a,u,x in ps -aux command
Q> Top command explain
Q> What is a daemon
Q> diff btw /proc/cpuinfo & /proc/meminfo

USERS && GROUP:
Q> Which are the files modified while creating a user?
Q> Which are the files modified while creating a group?
Q> Write command to find all the files opened by a user
Q> A user complains you that he is unable to set '123' as his password .What is the reason?
Q> what are sudo users
Q> write command to remove user sara from group sysadmin
Q> How will you create a user without a home directory
Q> How to set password
Q> How to see ownership
Q> what is wheel group

PERMISSIONS:
Q> What is ACL's in routers
Q> File permissions, file perm when umask is 022
Q> Sticky bit
Q> Umask
Q> Ulimit
Q> SETUID
Q> SETGID
Q> diff btw chmod && chown
Q> What is the difference between /etc/passwd file and /etc/shadow file?

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HTTPD:
Q> What is Apache Server and how does it work
Q> What are the types of virtual hosts
Q> Explain https and its working
Q> To explain Order deny,allow statements in apache configuration file
Q> What are the advantages of Apache server
Q> What happens when you wont get a web page
Q> What is handshake
Q> Explain authentication in apache
Q> How to deny access to a webserver from a particular IP using iptables
Q> How to make https more secure
Q> what is htaccess file
Q> How can we backup contents of apache server
Q> What is web server and its advantages
Q> What are the differences between ip based web server and name based webserver?
Q> Which are the most common webservers?

NETWORKING:
Q> What is the use of routers
Q> Explain different ISO-OSI layers
Q> What is iptables
Q> How to change IP
Q> How to restrict access to an IP using iptables
Q> What do you mean by gateway
Q> Explain nmap,netstat
Q> iptables, how to set,save
Q> Diff bwn search and domain entry in /etc/resolv.conf
Q> What is subnetting
Q> Explain runlevels
Q> Command to find open ports in linux
Q> what are ipv4-class ranges and public and private IP ranges
Q> 127.0.0.0 belongs to which class and why?
Q> Explain the working of dhcp
Q> Explain ipv6 concepts
Q> How can you know which port is being used by a particular service

MAIL SERVER:
Q> What are the different types of mail servers
Q> What is postfix
Q> Explain imap and pop, What are the differences between them?
Q> Explain mail server and its working

PARTITIONS:

INTERVIEW QUESTIONS FOR RHCE

Q> What is the need of /etc/fstab file
Q> How will you know the changes made in /etc/fstab file without rebooting
Q> what is mouting
Q> what is the use of UUID
Q> diff btw df & dt
Q> diff btw df & du
Q> Explain free command
Q> File system types. Diff btw ext3 and ext4
Q> What is swap and its advantages
Q> Write commands used to resize logical volume
LINKS:
Q> grep command
Q> diff btw grep & find
Q> diff btw soft link and hard link
Q> What are disk inodes

SSH:
Q> What is the use of SSH
Q> What is ssh? Advantages of SSH
Q> Difference between SSH and Telnet
Q> How to use SSH in windows

BOOTING PROCESS:
Q> Name a few linux bootloaders
Q> Explain the boot process in Linux
Q> Which command is used to review boot messages
Q> What is initrd

BASIC:
Q> What do mean by O.S and kernel
Q> What do you mean by TTL
Q> compare 32 bit & 128 bit OS not based on addrs and bits
Q> How to protect a file from accidental deletion
Q> diff between tail & head
Q> what is kernel and its functions?
Q> write the shortcut used in vim editor to cut a single line
Q> Write shortcut used in vim editor to go to last line of a file
Q> Which command is used to verify current active shell?
Q> What is the difference between /sbin directory and /bin directory

RPM && YUM:
Q> How to find the version of httpd
Q> diff btw yum & rpm
Q> Command to check kernel and OS version

INTERVIEW QUESTIONS FOR RHCE

EXTRA TOPICS:

Q> Which password package should you install to ensure that the central password file couldn't be stolen easily

Q> What is cpanel and WHM

Q> What is squid proxy

Q> what does sed command do

Q> types of ftp

Q> what is the command lsof

Q> Diff btw RHEL 6 & RHEL 7 machine

Q> What are the port numbers of : SMTP, Telnet, ssh, samba, nfs, IMAP, POP3, DNS, MySQL, FTP, HTTP,HTTPS,dhcp.

REST OF THE PORTIONS:

Q> Write a cron job to empty files in a particular location every week

Q> How to redirect logs

Q> location of log files which is responsible for mail server

Q> What is master and slave in teaming

Q> What is mysql

Q> What is virtualization

Q> What is at command

Q> What is cifs in samba?

Q> What do you mean by SELINUX? Which are the modes in SELINUX?