Linux Interview questions.

* Server is continuously booting ,how to troubleshoot .
* Server is not pingable from outside .
* While patching what issue you faced .
* How to extend filesystem .
* After extending filesystem server is not booting up what might be the cause .
* If entry is fstab file is is wrong will server come up after rebooting .
* What servr build steps you are following .
* What is RAID
* What is ethernet bonding
* Apps team needs to install rpm package but pkg not getting installed what night be the issue .
* How to add user and groups in linux .
* How to set expiry for linux user.
* How to change ownership for linux user .
* How to exclude particular package in linux
* How to add a particular user to give read or write permission in specific filesystem like /apps .
* Df -h is hung not showing any output .
* How to start service on rhel7/8/9
* Kernel panic error reinstall to previous kernel still server is not rebooting .
* How to set user to password expiry
* How to set service account to password expiry .
* Steps to create lvm
* How to scan new luns in linux server .
* How to check kernel and hardware log messages .
* Booting process .
* Difference between rhel7/8/9
* What is systemd
* What is difference in booting process for rhel7/8/9
* Trying to mount nfs ,but its not mounting what might be the cause .
* How to check performance of server in linux .
* How to increase cpu and memory in vcentre .
* How to check load average is more in the server .
* What is hardlink and soft link and difference between them .
* How to check exact time of a server when it was rebooted .
* Difference between rpm and yum
* Steps to reduce lvm
* After patching server went to grub mode ,how to resolve the issue .
* Can we download package by yum online .
* If 2 servers needs to be communicate and resolve with hostname but dns not configure how to resolve it .
* Server went to read only mode what might be the issue .
* Diff between server template and cloning .
* Diff between dmseg and /var/log/messages
* How to create yum config and yum repos file .
* How to set vlan setting in linux
* In NFS what options are used .
* How to check performance issue .
* Diff btw -Land -I in lvextend command
* Multipathing ,nic bonding and nic teaming .
* How to check list of physical disk in linux server .
* Command to see all enabled repos .
* Apps team want to set installation in GUI mode ,what steps needs to be done .
* How to troubleshoot server not reachable issue .
* How to degrade a package in linux .
* Diff btw intrdand intramfs .
* How to roll back package in linux .
* Apps team asking to give crontab entry only at reboot .
* If 2 servers need the traffic details from network which command used .
* How see multipath file .
* How you do patching .
* What is ionode in linux .can ionde value be increased .
* How to check connectivity from satellite server to client server .
* How to exclude kernel from patching and only application packages needs to be installed ,what steps to follow .
* What is lvm filter .
* What is root squash option in NFS.
* What is hard and soft mount in NFS
* Explain major issue you have faced in you day to day task .
* How will you come to know which disk is used for kernel to load .
* How to increase swap space if both primary and secondary memory full .
* How to troubleshoot hardware failure ,network failure issues in linux .
* How check lvm version
* Lvm filesystem not getting mounted what might be the issue .
* What is max size of PE
* Kernel not getting updated after patch and reboot .
* Diff btw grub and grub2 .
* Diff btw df &du
* How to set kernel parameter permanently and temporally
* How to set ip address permanent in linux .
* Crotab file throw error while saving the file .
* Server installed to latest kernel ,getting kernel panic error and only one kernel installed ,what steps to troubleshoot and bring server up .
* After patching server not showing latest kernel .
* Server is configured with passwordless authentication ,but while logging in asking for password and gives error ,how to fix it .
* / is 100 % full but space is left in the device how to resolve .
* ILOM what we heck .
* Can we reduce /root filesystem .what steps required .
* How to install NFS
* NFS filesystem not getting mounted ,
* After patching we get error like kernel is not booting up showing message as no bootdisk available .how to troubleshoot .
* How to reduce and and extend swap partition.
* How to build server using pxe and kickstart setup.
* What is the system daemon used for scheduling .
* What is default gateway .
* How to check route entries and what output netstat will show .
* How to change server name temporary and permanent .
* If hostname is changed in production will it effect running apps or DB on the server.
* App user complain not able to login to server ,but admin is able to access the server .
* User not able to login password failed and states access denied .
* What is terminal environment used in vi .
* How to patch only security patches ,
* How to map and unmap luns
* Not able to delete user .
* After roll back patches apps team stil encountering issue what might be the issue .
* Server hardening how to do .
* How to check crash issue on the server and where it is find .
* Server panic issue .
* Issue with boot grub file ,how to fix .
* How to set passwordless authentication .
* What you check from DB and apps stuff.
* Server migration in linux .
* How to migrate one filesystem to filesystem with new storage .
* What backup is taken before DR activity .
* What is maxsize of ionode .
* What is journaling
* How filesystem check will happen .
* Server went to maintenance mode .
* How to check nfs mount errors .
* How to allow and deny user in crond.
* How to go to single user mode in rhel7/8/9/
* Performance tool used in linux .
* How to reduce ionode .
* How to take lvm backup and what is it file location .
* Server performance is slow .
* NIC bonding .
* How to calculate load value .
* How to make NIC interface active .
* If lvm filesystem gets deleted and have no backup how to recover it
* /var/log/apps folder is full and we can see log files are available ,how to clear the filesystem ,can we delete the filesystem .
* What is pam version and file location .
* Suid guid ,diff between AWK and SED
* Master and capsule server architecture in red hat satellite .
* How patches pulled from satellite server .
* What is root userid .
* How to install package using rpm with resolving dependency .
* What is authorive and non-authorive value in DNS .
* User password stored in which file .
* How to make vendor call .
* Physical server what is rack and blade server .
* Along with kernel what are the packages pulled from satellite server .
* Singel user mode runs on which user and which shell.
* How to delete disk from vg .
* How to rebuild kernel .
* What is icmp
* How to test network connectivity .
* Command to show rais array .
* Ram size increase in server but still output shows wrong value ,how to fix it .
* Command to chek list of iptables or path of iptables .
* Assigning 2 ips for single ethernet what it is called .
* How to restrict or block ip address from ftp server .
* Command to update /edit or save iptables .
* Patching realtime issue .
* SSL cert install and renew steps .
* How to patch server with ansible .
* If external and internal ip didt work how to access the server .
* What is advance feature in rhel8and 9
* Where to check network configuration in server .
* How to configure bonding .
* How to find new added lun in server .
* In linux how to check modified files in root folder .
* Hard disk failure in linux .
* Howto create lvm partition .and if 3 raw disk
* After changing password ,if user login for the first time what permission should be given .
* If 2 filesystem have same ionode value ,what type of link it is soft or hard .
* What is sticky bit
* How to configure repo file .
* If only df is used what output we will get .
* How is grub file configured .
* What is the use of runlevels .
* While patching extra load in the file and to avoid it we have 20 user but we ant to restrict 21st user .how to do that .
* What is network bonding .
* What is overview of console ILO
* How get system details is 64 or 32 bit .
* How do you find hardware issues message for hp physical server .
* What is ldump and how to configure it .
* How to configure virtual ip address .
* Can you add cpu and memory online in vmware or vcentrer .
* How to troubleshoot dell hardware issue .
* How to restrict a particular running application e.g httpd.
* How to recover boot up files .
* How to check open port of remote server without telnet or nmap .

(echo > /dev/tcp/ip add/port no

echo > /dev/tcp/ip add/port no & echo “port is open”

echo > /dev/tcp/ip add/port no & echo “udp is open “)

* How to break root password or change root password at booting time .
* What is umask
* How to diable vg
* Umask is 022 create a file and what will be the permission .
* Where to apply sticky bit permission .
* Review the port numbers .
* How to check if server is physical server or virtual server in linux
* How you login to server ,do you use centralized authentication system.
* Diff btw/tmp and other directory .
* What is HBA and WWN number .
* What is kernel tunning and its tunnel.
* /root filesystem crashed how to troubleshoot .
* If MAC address is deleted for network ,how to get correct details of mac address.
* What is the first process to boot up in linux .
* If we add new user where are user details located in which file .
* How to work with server in rescue mode .
* How to change runlevel .
* For production environment default runlevel is is 3,5
* How to HBA ,lunid,and WWN
* How to get the firmware version .
* How to get console ip of DRAC/ILO/IBM.
* How to get hardware details for DRAC/ILO/IBM/HP/DELL
* /opt file full how to fix .
* If /etcpasswd file gets deleted is it have default backup .
* What is lsof and where it is used .
* In sudoers file we want only want specific apps to be to be enable .what steps to do .
* How to clean swap space .
* what is boot loader and how linux boot loader is different to windows.
* Difference between ext2 and ext3 file system.
* How linux kernel works.
* What is difference between daemon and process.
* Features of rsync.
* Difference between active and passive ftp.
* Cause of Linux high load and hung state.
* How exactly DNS query works.
* Difference between soft link and hard link.
* Different type of RAIDS (what is parity bit in RAID 5)
* LVM, NFS, SQUID, SSH, FTP configuration.
* Linux hardening and security aspects.
* How do you handle user permissions? ACL, SE Linux,
* Nfs share not able to mount in client side shows space full
* where we can find sticky bit
* what is setuid and setgid
* lvm stripe how to extend
* what is options in fstab file
* input/output error how to trioubleshoot
* what module is there in kernel while boot process
* how to start network services while booting linux server .
* how to reinstall grub
* how to get sudoers user
* can you explain user account with sudo access and how it diff from root access .
* diff btween http and https .
* How can I change the names of my Network interfaces without rebooting the server?
* how many types filesystem are there linux
* /etc.conf what is there iin /etc conf file
* what is centralized repo.
* repos are not available while running yum update,how to fix it .
* how to link repos
* human readonly for df -H in gb form
* in kb du -sh
* Diff between active and passive ftp.
* How to check open files in linux .
* what is boot loader and how linux boot loader is different to windows.
* Difference between ext2 and ext3 file system.
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* Linux hardening and security aspects.
* What does chmod 555 mean .
* How you will give full permission to a file or folder .
* How do you open firewall inlinux
* How to check which port is open or running .
* What does neststat-ntlp do and how to use it .
* How to clear cache in linux .