

Manual QA			
I know what bad idea use root access # for use its comand - its example - right use \$sudo xxxxx			
(#ifconfig) (Linux Debian raspberry pi /etc/dhcpd.conf) or (sudo ifconfig eth0 X.X.X.X) (FreeBSD /etc/rc.conf)	How to see/change network interface parameters?		
download pkg and after that install or #apt-get install mc	How to install Debian package? Two ways?		
create shared SMB folder on linux or or.... create FTP server ... i usually use FAR Commander + SCP FTP/SFTP	How to copy file via network between Linux PCs?		
#df -h or #df /dev	How to display the amount of available disk space? Keys?		
I use #top (grep for filter use) and (newer use #ps #pstree)	How to see process list? Keys?		
#kill xxx what is xxx=PID process or if I dont have root access to default I use this command \$sudo kill 445	How to kill process. Keys?		
#htop (F1-help) (I never use it utilites for monitoring https://wiki.debian.org/SystemMonitoring) I usually use TOP	How to see resource utilization? Explain fields.		
FreeBSD lvarlog but Squid use other patch for use log /var/squid/logs Debian Raspberri use to its patch default lvarl	Where log files are?		
Inside this folder contains configuration files	What is /etc folder for?		
I never use it in my practice (exist Soft & Hard links)	Types of links. How to create? Purpose		
I know thit task decide programm tcpdump but unfortunately I didn't use it	How to capture ethernet trace from a specific interface?		
Create daemon in FreeBSD (I use it service for run torrents transmission-daemon) how its make in Linux I dont know	How to run process in a background? Several ways?		
I rarely use it comand couple times #nano /etc/fstab	How to check partitions mount point		
I rarely use it comand couple times #lsblk	How to check partitions table		
I newer use it in my practice #route -n near ten years ago I configure FreeBSD for myHome ROUTER and use IPFW - firew	Routing table. Display and edit?		
CRON use for run service use schedule - I newer use it	Working with crontab, other ways to add app to startup?		
shell scripts I use simple script without cycle or variable https://github.com/dotignore/Raspberry/blob/master/Raspberry_Co	Awk, dd, netcat, wc (script example)		
#ss -tunlp If you look outside to ethernet may by I use BruteForce pors scanner or use NMAP for more undertanting what sy	netstat, other ways to check ports		
	Networking:		
IP and Network mask (network cable, ethernet adapter, and other device works(--))	Minimal required networking parameters for host		
HUB not routing address all computer can see all trafic who connect to it devicw SWITCH separate traffic on port and can n	Difference between router, switch, hub		
192.168.1.1 - its name in localnet network (DNS can translate word NAME -> IP) 255.255.255.0 - (its need for who can see	What is subnet mask for ip address?		
Total 7 layers 1,2 - physical Ethernet WIFI CAN RS232 RS484 / name point MAC 3 - Adress IP/IPX 4 - Trasport TCP/SPX	What is OSI model? Name layers, give protocol examples.		
	PDU per layer		
I dont understand question - may be IP address	Addressing per layer		
TCP use checksum it's packet alway guarantee delivery to finish host UDP usually use in media straem and dont has garan	Difference between UDP and TCP		
Its need for automatic provide IP address for users (use MAC address for work)	DHCP purpose		
ping / tracet, traceroute	Network troubleshooting tools?		
its service need convert NAME to IP Address	What is DNS?		
DHCPOFFER - I know only it time on DHCP server reserved its IP address I newer use it (DHCPDISCOVER DHCPOF	DHCP messages		
I dont know what is it (SYN, SYN-ACK, ACK)	TCP 3 way handshake		
I dont do dig its topic ping use ICMP protocol (Echo-Request/Echo-Reply) (I read its information form wiki)	How "ping" command works? Used protocol?		
It's command shows way to destiny address	How "traceroute" command works?		
I use for it online service calculate	Calculate IP network capacity based on subnetmask		
	What is ARP? How it works?		
I know what its protocol use in virtual machine (Vbox Vmware ... etc)	What is VLAN? Purpose?		
	What is broadcast domain? How to limit?		
its service need convert NAME to IP Address (user type name google.com DNS server use tabe to convert IP address)	How DNS works?		
	What is SNMP?		
	What is AAA?		
RADIUS server (never set up it server and newer use it)	Examples of authentication servers.		
	Well known routing protocols		
	Types of routing protocols according to operation way. Examples.		
	What is STP? Main purpose?		
	Static and dynamic routing. Advantages?		