Cyber Security ASSIGNMENT-2. Were are evere user types on a LINUX a This books owner hour 3 types of permissions differed -i) Read > Allows you to open & read a file.

In Write > Allows you to colif, remon gremany of (11) Execute > & Allow you to execute a program In LINUX, in order to execute you mud permission. In windows, no Such permission is sugured. 2) (i) PING Ping command is used to ensure y a host is alive That is, it helps you to check the status of a host or a network segment. Ping command sends internet control message protocol echo request mesages in the form of packets to bu distination computer sind waits in order to get the response back. This command keeps executing write it is interrupted. (U) NSLOOKUP Oslookup is a program to query domain name Servers and suspling IP. au) IF CONFIG Interface configuration (1Fconjeg) By used to ut or display by 1Paddresses and nermask of a network interface. It also proudly commands to enable or disable on interface. Host is used to find the domain name associated with tp address or vike versa.

<i>s.</i> )	HTTP	HTTPS.
A STATE OF	is It stands for Hyper Text Transfer Protocal	(i) It skinds for Hypre text trans
	Trouser Protocal	protocolsicuri.
	in & Myper Pert enchanged	( a) could Hilps means hyper bent
	Min http mus on plans text	with creptographic protocous.
	Ising her goes as plain text. It can be read easily &	The dara being transported
	My proposed of also blw the	between the brown and the
	brouser and server is	surver is energeted.
3 0	intercepted	
-		and Administration of the Control of
	(ii) It is come sicure	with is more sucure.
	my so me sy	
were the	Ew) It uses part 80 for data	(iv) It usy port 443 for data transer.
	(w) It uses part 80 for data Stansfer	transer.
A shall		
	N) HTTP opperates at applicat- Pou layer	(v) HTTPS operates at transport
May S S	for layer	layer.
	and the second second	
	i) It requires no SSL ciraficates	N's It requires SSI certificates.
	the state of the s	0
	olomain validation	(ii) MTTPC 9cq1Nils
, V	domain validation	domain validation and
NO Mar -	The state of the s	artain organis even
		require legal document
A sec	The state of the s	validation.
=4	The state of the s	The second of th
22.084		
	the med the second of the second	to define appear to the

A premall monitors and controls incoming and outgoing network traffic based on some excerity Jules. It is a network security system and it establishes a parrier between a trusted and an intrusted network. Pollowing are the steps to configure a firewall: u) Secure your firmall · Change all dyant passuords. Rename, delete or disable any depoult user accounts. · Use complex and sicure passacords. · Create additional administrator accounts with limited privileges in case multiple administrator will manage the firewall. · Disabu sumple network management protocol. o To protect valuable assets on your network first

my must be identified. o once identified, they mid to be grouped together and placed into zones based on similar constantly Quel & finez. · Ru more the zones, higher the security pur Configure access control asts o Now it should be determind exactly which traffic muds to be able to flow into and out of each some on Make your access controllists (ALL) specific to the Exact source and distination is addresses & part oumber wheneur possible. · Di sable jouer firman administration interprisificam o Make sure to disable all cenencrypted prolocols for firewall management

in) Configure offer firewall strucces and logging Disable all les entra services that you blou't intend to use

(v) Pest prunall configuration

o su a lest ensuronment, verify that your

found works as intended.

Ru per requisites la confégure à surver aris-· Ou must change en noot password, if it wasn't a part of Os entup. The password should be complex

Network Configuration Jou must enable network conectivity by assigning fur luver an ipaddress and hostname. · Set the nostrame, domain and DNS server info

o Use 2 or more DNS servers for redundancy.

O Use uslookup to ensure name susolution is working correctly

Robickagi Managiment

o Make eure you install packages that you might seed eg) PHP, ngnix etc

· My extremeous packages that are installed on your lystem should be removed to thrink surver poolphint

