

Laboratorio di Amministrazione di Sistema (C62032)

parte A : domande a risposta multipla

1. Which two of the following commands can be used to configure security for a Linux system that is acting as a dedicated firewall? (Choose two.)
 - a) `ipconfig`
 - b) `ipchains`
 - c) `iptrans`
 - d) `iptables`
 - e) `ipfilters`
2. Which three of the following file systems can be used to format a Windows NOS partition? (Choose three.)
 - a) `ext2`
 - b) `FAT`
 - c) `FAT32`
 - d) `HFS`
 - e) `NTFS`
 - f) `vfat`
3. Which two of the following are common Linux super-servers? (Choose two.)
 - a) `inetd.d`
 - b) `initd.d`
 - c) `inet.d`
 - d) `xinetd.d`
 - e) `xinit.d`
 - f) `xinitd.d`
4. A technician is setting up a Windows workstation that has an IP address of 192.168.64.23 to work on a network that contains a Linux file server with the IP address 192.168.64.2. What should the technician do to view the IP configuration on the workstation?
 - a) run `ipconfig /all` on the workstation
 - b) run `ipconfig 192.168.64.23` on the workstation
 - c) run `ping 192.168.64.2` on the workstation
 - d) run `ifconfig addr 192.168.64.23` on the server
 - e) run `ping 192.168.64.23` on the server
5. The table shows the users and groups that have permission to access a file and the permissions they have in a Windows XP system. If User1 is a member of the User group but not a member of the

Administrator group, which users can delete the file?

User group	Read & Execute
Administrator group	Full Control
User1	Modify

- a) administrators only
 - b) any member of the Administrator and User groups
 - c) User1 and any member of the Administrator group
 - d) any member of the User group only
 - e) User1 only
6. What is the function of the `netstat` utility?
 - a) It displays the manufacturer and version of network devices.
 - b) It is the part of the SNMP suite, which collects network usage information.
 - c) It is a Linux utility for collecting information about other devices that are connected to a network.
 - d) It converts an IP address to a MAC address.
 - e) It displays information about a network such as connections, routing tables, and interfaces.
 7. The Apache web server has been installed on a Linux server and is being configured. The administrator wishes to change the location of the web pages that will be served to `/home/www` and knows that the main configuration file contains this directive. What is the name of the file that needs to be edited?
 - a) `access.conf`
 - b) `apache.conf`
 - c) `httpd.conf`
 - d) `inetd.conf`
 - e) `initd.conf`
 - f) `www.conf`
 8. A network administrator needs to restrict access to the network. Which type of firewall allows only those packets that are part of a known connection?
 - a) stateful firewall
 - b) proxy firewall
 - c) packet filter
 - d) content engine

NB: questo foglio verrà ritirato dopo 15 minuti dall'inizio dell'esame.

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SPAZIO PER LA VALUTAZIONE: il candidato riporti su questo lato del foglio le soluzioni relative ai quesiti 1-8 a risposta multipla.

Criteri di valutazione: le domande 1-8 valgono un punto per ogni quesito corretto, mentre le domande 9-12 valgono sei punti ciascuna (al massimo, graduati in base alla correttezza della risposta),.

#	risposta/e						punti
1	a	b	c	d	e	f	
2	a	b	c	d	e	f	
3	a	b	c	d	e	f	
4	a	b	c	d	e	f	

#	risposta/e						punti
5	a	b	c	d	e	f	
6	a	b	c	d	e	f	
7	a	b	c	d	e	f	
8	a	b	c	d	e	f	

	valutazione parziale	punti
9		
10		
11		
12		

<p>TOTALE</p>

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parte B : domande a risposta breve

9. Spiegare che cos'è il protocollo PPP, quali funzioni svolge in un collegamento per accesso remoto, e come può essere configurato.

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

10. Descrivere le possibili tecniche che si possono adottare in ambiente Linux per installare nuovi programmi o applicazioni dopo aver completato l'installazione del S.O..

[illegible]

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11. Descrivere le procedure da seguire per aggiungere un nuovo utente e un nuovo gruppo ad un sistema operativo Linux.

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

12. Spiegare come si può mappare localmente un drive remoto nei due ambienti Windows e Linux.

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.