

Laboratorio di Amministrazione di Sistema (C62032)

parte A : domande a risposta multipla

1. What must a Windows client do in order to assign a logical drive letter to a shared folder on a network file server?
 - a) link to the file server
 - b) share the network folder
 - c) map to the network drive
 - d) create a path to the file server
2. On a computer running Linux, which attribute prevents anyone other than the owner of a file, the directory owner, or root from renaming or removing files in a directory?
 - a) owner bit
 - b) no override
 - c) dirty bit
 - d) sticky bit
3. Which file can be studied by programmers to determine the potential cause of a program crash?
 - a) Core Dump
 - b) Script Debugger
 - c) Process Tracker
 - d) Trace File
 - e) Error Pack
4. Which of the following can be used to execute a series of Linux commands at a specified time?
 - a) which
 - b) run
 - c) time
 - d) at
 - e) when
5. Which command is used to determine the active TCP connections on a computer?
 - a) ping
 - b) ICMP
 - c) ifconfig
 - d) traceroute
 - e) netstat
6. What is the easiest way to stop a non-responsive process in a Linux system?
 - a) issue the stop command
 - b) issue the kill command
 - c) log out and log back in again
 - d) press Ctrl-Alt-Del and click Stop when the Task Manager appears
7. Which two of the following options provide a basic firewall solution by using rules to control network traffic? (Choose two.)
 - a) proxy services
 - b) ip masquerade
 - c) packet filters
 - d) Network Address Translation
 - e) access control list
8. Which statement accurately describes a Smurf attack?
 - a) The IP headers of ping requests are spoofed so that replies will overwhelm the target host.
 - b) The IP headers of SYN requests are spoofed so that a target will attempt to reply to itself.
 - c) This DoS attack overflows buffers by sending illegally large ping requests to the target.
 - d) This attack exploits the three-way handshake used with TCP.

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

candidato: _____ matricola: _____

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 style="font-size: 1.2em; margin: 0;">TOTALE</p>
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parte B : domande a risposta breve

9. Spiegare che cosa si intende per Servizio di Directory, quali funzioni svolge e quali tipi di elementi organizza. Descrivere inoltre, molto brevemente, come i Sistemi Operativi Linux e Microsoft implementino questo servizio.

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.

10. Con riferimento ai Sistemi Operativi analizzati durante il corso, descrivere come si possano avviare e terminare i servizi in Windows ed i daemon in Linux.

This image shows a single 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.

11. Descrivere i metodi di backup.

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.

12. Spiegare che cos'è l'attacco DoS, quali sono le varianti più note, e quali contromisure devono essere messe in atto per ridurne gli effetti.

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.