

## Laboratorio di Amministrazione di Sistema (C62032)

### parte A : domande a risposta multipla

1. In Linux, which command allows users to learn more about any command.
  - a) cal
  - b) man
  - c) help
  - d) doskey
2. Which Linux process will automatically run scheduled tasks at a specified time.
  - a) run
  - b) crond
  - c) sched
  - d) auto
3. Which Linux command is used to create filesystems on a partition?
  - a) mkdev
  - b) fdisk
  - c) mkfs
  - d) fsck
4. Which disk management tool is available to limit the amount of data a user can store on a network?
  - a) disk quota
  - b) disk ceiling
  - c) disk limit
  - d) disk wall
  - e) disk container
5. Which type of files can be helpful in identifying several types of problems in a Linux server?
  - a) Performance Tool is only available for use on Linux computers.
  - b) security files
  - c) user data files
  - d) log files
  - e) text files
6. Which of the following options best describes Network Address Translation?
  - a) Network Address Translation usually replaces proxy services and packet filters.
  - b) Network Address Translation uses private addressing to hide inside hosts from outsiders.
  - c) Network Address Translation is used to alter the destination address of packets leaving a secure network.
  - d) Network Address Translation allows packets to be filtered as they enter or leave the network.
7. Several computers on a network are running slow and many user tasks are timing out. The administrator checks the network and finds duplicate copies of program code in the active memory of each computer. Which of the following options best describes this self-replicating code?
  - a) virus
  - b) Trojan horse
  - c) worm
  - d) bug
8. Which DoS attack uses fragments with overlapping reassembly information to take advantage of the way IP handles fragmentation?
  - a) SYN attack
  - b) Teardrop
  - c) ping of death
  - d) land

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

**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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## Laboratorio di Amministrazione di Sistema (C62032)

*parte B : domande a risposta breve*

9. Che cosa è il protocollo PPP? Cosa contengono i files `/etc/ppp/pap-secrets` e `/etc/ppp/chap-secrets`? Come si configura un Client PPP?

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10. Che cosa è e cosa permette di fare lo strumento Microsoft Management Console (MMC) dell'ambiente Microsoft?

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11. Quali sono le principali funzioni di un kernel di Sistema Operativo in ambiente Linux? Perché un amministratore dovrebbe ritenere utile ricompilarlo?

[illegible]

12. Come si amministrano i gruppi di utenti in ambiente Linux?

[illegible]