

Laboratorio di Amministrazione di Sistema (C62032)

parte A : domande a risposta multipla

1. In Linux, what is the first program that takes control of the boot process from the BIOS?
 - a) kernel
 - b) LILO
 - c) config.sys
 - d) linux.sys
2. Which statement correctly describes an NIS slave?
 - a) An NIS slave is another name for an NIS client.
 - b) An NIS slave is where the NIS database is maintained.
 - c) An NIS slave is where the NIS database is created.
 - d) An NIS slave contains a copy of the NIS database.
 - e) An NIS slave contains the portions of the NIS database needed by the clients it serves.
3. A technician is setting up a Linux workstation to automatically get all of the correct IP settings as soon as it boots. Which protocol should be configured on the workstation to accomplish this?
 - a) DNS
 - b) ARP
 - c) DHCP
 - d) NetBEUI
 - e) default gateway
4. Which of the following can be set within the LILO configuration file?
 - a) an option to ask for a DNS server
 - b) an option to clear the /tmp directory at boot
 - c) an option to boot to runlevel 5
 - d) an option to use DHCP
5. In Linux, which command is used to rename a directory?
 - a) mv
 - b) cd
 - c) dir
 - d) mkdir
6. Which method should an administrator use to provide for securely sharing files on a larger network?
 - a) arrange for each host on the network to share files with the other hosts on the network to distribute the load
 - b) only allow clients used by trusted users to share files with others on the network
 - c) require users to map to a network drive on a network file server on the LAN
 - d) set up an area on a web server that can then be accessed from anywhere through web browsers
7. A system unexpectedly shuts down due to power failure. As a result, the file system is damaged. Which Linux command could be used to repair the file system?
 - a) mkfs
 - b) fsck
 - c) diskcheck
 - d) filrep
 - e) ps
8. What are two common uses of scripting languages? (Choose two.)
 - a) automate administrative tasks, such as cycling log files
 - b) provide user interaction with a compiled program
 - c) run scheduled tasks at user login
 - d) deliver files to remote users on request
 - e) download required drivers to printers

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 | | |

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| TOTALE |
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parte B : domande a risposta breve

9. Spiegare che cosa sono i runlevels di Linux, e come possono essere utilizzati nella fase di boot.

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. Spiegare brevemente a cosa servono e come si possono utilizzare i comandi `fdisk`, `mkfs` e `fsck` nei Sistemi Operativi che abbiamo affrontato durante il corso.

[illegible]

11. Descrivere i principali comandi messi a disposizione dai Sistemi Operativi di Rete della Microsoft per diagnosticare malfunzionamenti (ricerca e gestione dei guasti).

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. Descrivere quali comandi e/o strumenti di base del Sistema Operativo Linux possono essere utilizzati per ottenere funzionalità di firewalling.

[illegible]