



L8.3: Networking Commands and SSH
Video

L8.4: Managing Storage
Video

Practice Assignment - Not Graded - 8
Assignment

Graded Assignment 8 - Version Control
Assignment

Graded Assignment 8 - Networking and Storage
Assignment

GrPA1
Programming Assignment

Mock Unit

Supplementary Contents

Answer Key for Exams

Graded Assignment 8 - Networking and Storage

The due date for submitting this assignment has passed.
Due on 2024-03-27, 23:59 IST.

You may submit any number of times before the due date. The final submission will be considered for grading.

You have last submitted on: 2024-03-27, 23:43 IST

Note: This assignment will be evaluated after the deadline passes. You will get your score 48 hrs after the deadline. Until then the score will be shown as Zero.

1) Every device connected to the Internet has at least one IP address which indicates where traffic has come from. Each IP address has some associated port numbers for each transport protocol used for determining the correct receiving application. IP address and Port numbers are respectively

1 point

- ☒ 32-bit nonnegative integer and 16-bit nonnegative integers
- ☐ 32-bit nonnegative natural numbers and 16-bit nonnegative natural numbers
- ☐ 16-bit nonnegative integer and 32-bit nonnegative integers
- ☐ 16-bit nonnegative natural numbers and 32-bit nonnegative natural numbers

Yes, the answer is correct.

Score: 1

Accepted Answers:

32-bit nonnegative integer and 16-bit nonnegative integers

2) Which command will give information on open network ports on the machine?

1 point

- ☐ nslookup
- ☐ whois
- ☐ wireshark
- ☒ netstat

Yes, the answer is correct.

Score: 1

Accepted Answers:

netstat

3) 1 \$ nslookup google.com

1 point

The above command is used to

- ☒ Retrieve information about a domain name such as its server and ip address.
- ☐ looks up number of pings to the domain name "google.com".
- ☐ Gets the DNS of the domain on google.com
- ☐ none of the above

Yes, the answer is correct.

Score: 1

Accepted Answers:

Retrieve information about a domain name such as its server and ip address.

4) Match the following networking commands to its respective function.

1 point

Option	Function
1. ifconfig	a. It is a network troubleshooting utility
2. ping	b. Used to Query DNS related information
3. dig	c. Display and manipulate route and network interfaces
4. traceroute	d. Checks connectivity between two nodes
5. wget	e. Downloads a file from internet

- ☒ 1→c; 2→d; 3→b; 4→a; 5→e;
- ☐ 1→b; 2→e; 3→d; 4→c; 5→a;
- ☐ 1→e; 2→d; 3→a; 4→a; 5→b;

☐ 1->a; 2->b; 3->c; 4->d; 5->b;

☐ 1->a; 2->c; 3->e; 4->d; 5->b;

Yes, the answer is correct.

Score: 1

Accepted Answers:

1->c; 2->d; 3->b; 4->a; 5->e;

5) Three Hard disk drives of capacity 456 Gb, 564 Gb and 768 Gb are connected in RAID 0. What is the equivalent storage capacity of the RAID arrangement?

1 point

☐ 456 Gb

☐ 768 Gb

☐ 1368 Gb

☒ 2304 Gb

No, the answer is incorrect.

Score: 0

Accepted Answers:

1368 Gb