

## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	15/07/2020		<b>Name:</b>	Priya Nagari
<b>Sem &amp; Sec</b>	Fourth SEM section B		<b>USN:</b>	4AL18CS063
<b>Descriptive Test Summary</b>				
<b>Subject</b>	Operating system			
<b>Max. Marks</b>	30	<b>Score</b>	–	
<b>Certification Course Summary</b>				
<b>Course</b>	AWS Fundamentals: Going Cloud-Native			
<b>Certificate Provider</b>	coursera	<b>Duration</b>	7.2hr	
<b>Coding Challenges</b>				
<b>Status:</b>				
<b>Uploaded the report in Github</b>		YES		
<b>If yes Repository name</b>		<b>Priya_Nagari</b> <b>link:</b> <a href="https://github.com/alvas-education-foundation/Priya_Nagari">https://github.com/alvas-education-foundation/Priya_Nagari</a>		
<b>Uploaded the report in slack</b>		YES		

## Online Test Details:

Today test was conducted on the subject Operating Systems (18CS43) on 4<sup>th</sup> Module. Test consists of 4 questions. The duration for the test was 45 min.

## Course Details:

**Name of the course:** AWS Fundamentals: Going Cloud-Native

**certificate provider:** coursera      **duration:** 7.2hrs

Today I have enrolled for “AWS Fundamentals: Going Cloud-Native” course in coursera of 7.2 hours duration. Today I have started with week 2 sessions .Today I have gone through the material of this aws networking concepts provided by coursera.

The screenshot shows a web browser window displaying the Coursera course page for 'Networking on AWS Notes'. The browser's address bar shows the URL: [coursera.org/learn/aws-fundamentals-going-cloud-native/supplement/UoY5b/networking-on-aws-notes](https://coursera.org/learn/aws-fundamentals-going-cloud-native/supplement/UoY5b/networking-on-aws-notes). The Coursera logo and user profile 'Priya Nagari' are visible in the top navigation bar. The course title 'AWS Fundamentals: Going Cloud-Native' and the current section 'Week 2 > Networking on AWS Notes' are displayed. The left sidebar contains a table of contents with the following items:

- Introduction to Module 2: Networking and Storage
- Networking on AWS
  - Video: Amazon Virtual Private Cloud (VPC) Part 1 (10 min)
  - Video: Amazon Virtual Private Cloud (VPC) Part 2 (12 min)
  - Reading: Networking on AWS Notes (30 min)
  - Quiz: Networking Quiz (4 questions)
- Storage on AWS
- Module 2 Assessment and Resources

The main content area is titled 'Networking on AWS Notes' and includes the following sections:

- CIDR Notation**

An important concept that's used in networking on AWS is CIDR, or *Classless Inter-Domain Routing*. CIDR network addresses are allocated in a virtual private cloud (VPC) and in a subnet by using CIDR notation. A /16 block provides 65,536 IPv4 addresses. A /24 block provides 256 addresses. [See this article](#) for more information about CIDR.
- Amazon Virtual Private Cloud**

Amazon Virtual Private Cloud (Amazon VPC) lets you provision a logically isolated section of the AWS Cloud where you can launch AWS resources in a virtual network that you define. You have complete control over your virtual networking environment, including the selection of your own IP address range, the creation of subnets, and the configuration of route tables and network gateways. You can use both IPv4 and IPv6 in your VPC for secure and easy access to resources and applications. You could create up to five non-default VPCs per AWS account per Region. (See below for information about default VPCs.)

Details on Amazon VPC can be found here: <https://aws.amazon.com/vpc>
- Subnets**

A VPC spans all the Availability Zones in the Region. After creating a VPC, you can add one or more subnets in each Availability Zone. When you create a subnet, you specify the CIDR block for the subnet, which is a subset of the VPC CIDR block. Each subnet must reside entirely within one Availability Zone, and it can't span Availability Zones.

This is an important fundamental topic, and we strongly recommend that you review the information at: [https://docs.aws.amazon.com/vpc/latest/userguide/VPC\\_Subnets.html](https://docs.aws.amazon.com/vpc/latest/userguide/VPC_Subnets.html)

The Windows taskbar at the bottom shows the Start button, a search bar, and several application icons. The system clock indicates the time is 21:51 on 15-07-2020.

**Pre-placement activities: not held**

**Online Training: held.**