

Lab 11 - Networking Environment

In Task 1, you'll follow a guided lab to build your own virtual private cloud (VPC) and deploy resources. Then, in Task 2, you'll use Amazon VPC to create a network environment on AWS for the Cafe scenario and implement security layers to protect your resources.

Submission

To submit your work, first submit it through AWS Academy. I will have access to your submission there. However, please also take screenshots of your submission and add them to this file to submit on Moodle, as I need to keep a record of your submission there as well.

1. Screenshot of Task 1 - Guided Lab: Creating a VPC (50%)
(add the screenshot here)
2. Screenshot of Task 2 - AWS VPC (50%)
(add the screenshot here)

Tasks

Tasks 1 and 2 are outlined below. You can begin working on them immediately and skip the rest of this manual. However, the manual contains additional tutorials and help should you need it for tasks.

Task 1 - Guided Lab: Creating a VPC

https://awsacademy.instructure.com/courses/100621/assignments/1098612?module_item_id=9324517

Task 2 - Challenge (Cafe): Creating a VPC Networking Environment for the Café

https://awsacademy.instructure.com/courses/100621/assignments/1098587?module_item_id=9324519

Helpful Resources

Please note that this lab doesn't provide detailed instructions like previous introductory labs. I highly recommend keeping each lab's student guide page open as you complete the lab, since it provides background information. If you need a refresher or encounter unfamiliar topics, several tutorials on relevant services are provided below. Your instructor is also available to answer any questions.

Task 2 - Challenge (Cafe): Creating a VPC Networking Environment for the Café

Student guide

<https://awsacademy.instructure.com/courses/100621/modules/items/9324499>

Introducing Amazon VPC

<https://awsacademy.instructure.com/courses/100621/modules/items/9324503>

Demo: Creating an Amazon VPC in the AWS Management Console

<https://awsacademy.instructure.com/courses/100621/modules/items/9324509>

Connecting to managed AWS services

<https://awsacademy.instructure.com/courses/100621/modules/items/9324511>

Monitoring your network

<https://awsacademy.instructure.com/courses/100621/modules/items/9324514>

Guided lab: Creating a Virtual Private Cloud

https://awsacademy.instructure.com/courses/100621/assignments/1098612?module_item_id=9324517

Good Luck!