

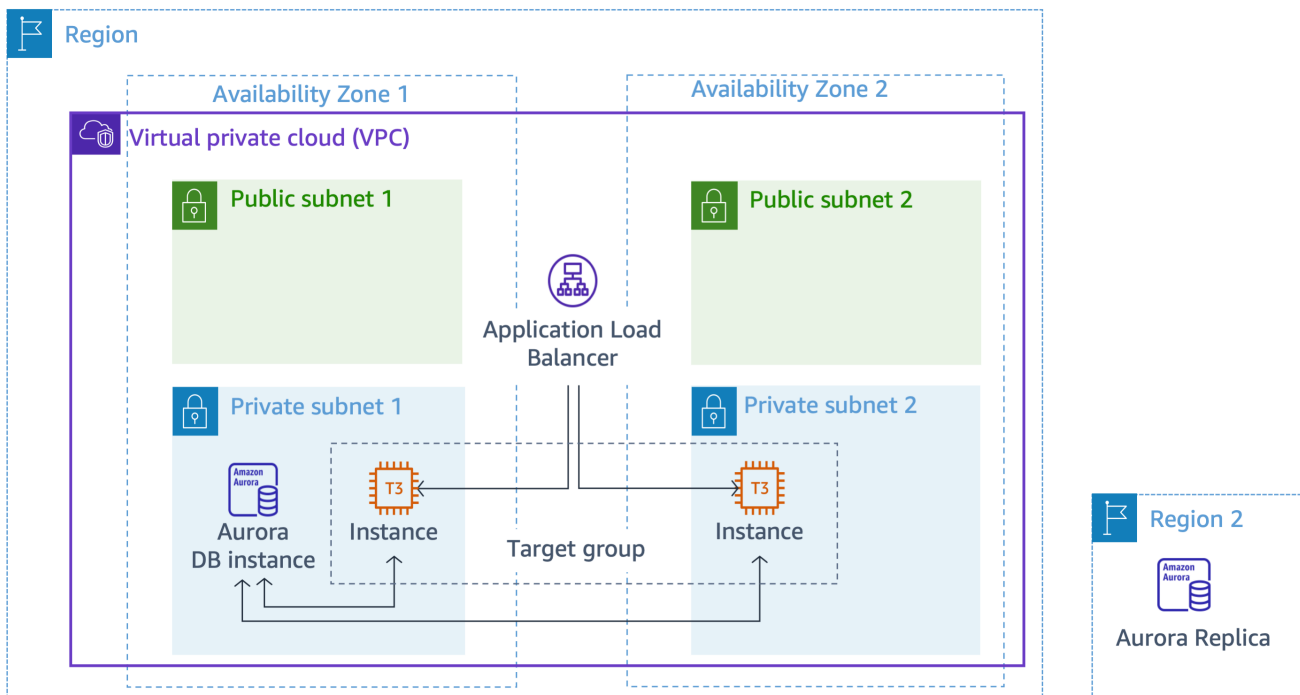
# Scenario

Your team has been tasked with prototyping an architecture for a new web-based application. To define your architecture, you need to have a better understanding of load balancers and managed databases, such as Amazon RDS.

## LAB ENVIRONMENT

The lab environment provides you with the following resources to get started: an Amazon Virtual Private Cloud (Amazon VPC), underlying necessary network structure, three security groups to control inbound and outbound traffic, two EC2 instances in a private subnet, and an associated EC2 instance profile. The instance profile contains the permissions necessary to allow the AWS Systems Manager Session Manager feature to access the EC2 instance.

The following diagram shows the expected architecture of the important lab resources you build and how they should be connected at the end of the lab.



## AWS SERVICES NOT USED IN THIS LAB

AWS services not used in this lab are turned off in the lab environment. In addition, the capabilities of the services used in this lab are limited to only what the lab requires. Expect to receive errors

when accessing other services or performing actions beyond those provided in this lab guide.

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