



Testing Redundant Systems

Cybersecurity

Cloud Security Day 4





Today:

We will verify redundancy by turning off one or more virtual machines (VMs) used in the infrastructure.

Testing Redundant Systems

So far, we've accomplished the following:

01

Created a virtual network.

02

Protected the network with a firewall and completed several firewall rules.

03

Deployed a jump box to the network.

04

Deployed two identical VMs to the network.

05

Used Docker containers to run a website and Ansible.

06

Used Ansible to configure our VMs with code (infrastructure as code).

07

Configured a load balancer to distribute traffic among the VMs.



In the next activity:

You'll stop one VM and check whether you still have access to the site.



Activity: Redundancy Testing

In this activity, you will add your latest VM to the back-end pool for your load balancer, and test whether the website continues working if one of your VMs has a problem.

Suggested Time:

20 Minutes

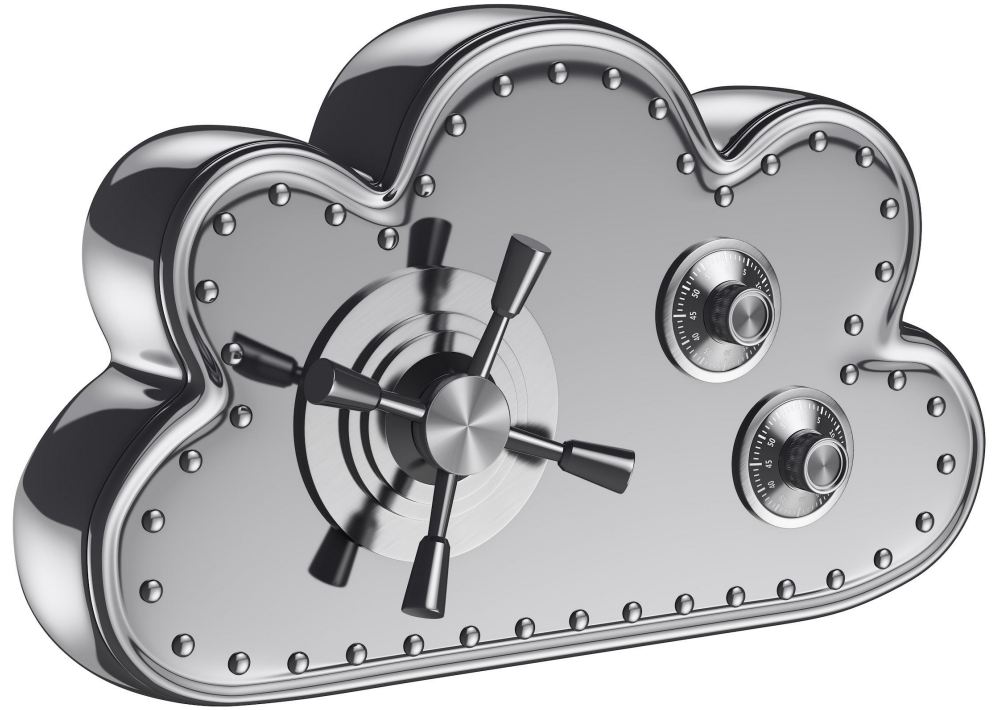


Time's Up! **Let's Review.**

Questions?



That concludes
our week on
cloud security.





Next Class

You will begin your first project, in which you'll develop and secure your own web application!

Questions?



*The
End*