Lab 2 Assessment

How long did the Multi-AZ enablement process take?

The Multi-AZ enablement took about 13 minutes for my MySQL instance. During this time, the status showed "Modifying" and there was a brief outage when it was setting up the standby instance. It's not something you'd want to do during peak hours in production.

What was the actual failover duration during testing?

When I forced the failover by rebooting with failover option, it took about 90 seconds from when I clicked the button to when the database was available again. That's pretty fast, but still long enough that applications would notice the interruption.

How does Multi-AZ affect your connection string?

The cool thing is that Multi-AZ doesn't change your connection string at all. I still use the same endpoint, same port, same everything. AWS handles the failover automatically behind the scenes, so my application doesn't need to know about the secondary instance.

What is the cost impact of enabling Multi-AZ?

A: Multi-AZ basically doubles your cost because AWS runs two instances instead of one. So instead of paying $0.017/hour for one db.t3.micro, you're paying about $0.034/hour. But you get much better availability, so it's worth it for important production databases.