Discussion and Revision: Implementing Automated Disaster Recovery Orchestration for a Cloud-Based E-Commerce Platform

Name: Mihir Limbad (100938484)

Discussion and Revision

1. Test Results: Ensure recovery meets RTO (e.g., 2 minutes) and RPO (minimal data loss). Address any errors or failures, such as delayed failovers or inconsistencies.

2. Optimizations: Improve health checks (e.g., HTTP response times), refine backup strategies (incremental backups), and reduce costs (use warm standby instead of hot standby).

3. Monitoring: Add detailed logs and real-time dashboards for better visibility. Store logs centrally (e.g., AWS CloudWatch).

4. Feedback: Gather input from stakeholders to align recovery with business needs and address bottlenecks.

5. Documentation: Update SOPs with new workflows and observations. Include troubleshooting steps and training guides.

6. Future Enhancements: Plan for multi-cloud recovery, AI-driven predictions, and containerized infrastructures.