**Week5 Cloud Readiness Assessment**

Hang Yang

IS 5503: Cloud Computing

Dr. Tom Vang

April 11, 2025

**Cloud Readiness Assessment**

This week we are going to build a Gantt chart for cloud readiness assessment roadmap. It is a good tool to help companies to visualize what activities are going to be implemented and what goals we are going to achieve at each milestone. By going through the assessment checklist in the cloud reading assessment report, all the stakeholders should have common sense to align with the assessment preparedness and correctness. Based on Azure Adoption Framework, AWS Cloud Readiness Assessment and other online research blogs, I’ve built my Gantt Chart of cloud readiness assessment for a general reference.

**Figure 1**

*Cloud Readiness Assessment-Part1*

A screenshot of a computer

AI-generated content may be incorrect.

*Note. Screenshot by Hang Yang, 2025*

**Gantt Chart Explanation**

My cloud readiness assessment Gantt Chart is divided into six parts: Business clarification, Staff organization, Platform evolution, Data migration, Security and Backup, Rollback and DR. The Business Clarification phase is fundamental for aligning cloud migration efforts with organizational goals. This phase involves identifying and understanding the business models, dependencies, and objectives that will guide the migration process. To minimize the scope, I just included the marketing team in this process together with Migration Architect and Cloud Operation Managers. In fact, this process would involve almost all departments to get a wholistic view of the entire company. The Staff organization phase focuses on preparing the workforce for the transition to the cloud. It includes tasks like identifying user profiles, managing access, recognizing teams and fostering a cloud-centric or cloud-friendly environment. The platform evolution phase is critical for bridging the gap between existing infrastructure and cloud platforms. It requires the architect team to work closely with cloud operation managers to adopt cloud-native practices and ensure seamless orchestration. Data migration could go through the whole migration process starting from user profile data to final application data migration if it’s a “rip and replace” migration. At the same time, we need to maintain data confidentiality, integrity, security and accessibility. For more advanced security concerns, we need to have Security phase to help use build efficient incident response strategies throughout the migration process. Last but not least, to reduce or avoid business downtime, it’s always good to have a backup, rollback and disaster recovery plan of any unexpected failures.

**References**

Microsoft Learn. (n.d.). Azure Cloud Adoption Framework. Microsoft Learn. https://learn.microsoft.com/pdf?url=https%3A%2F%2Flearn.microsoft.com%2Fen-us%2Fazure%2Fcloud-adoption-framework%2Ftoc.json

Amazon Web Services. (n.d.). AWS Cloud Readiness Assessment. Amazon Web Services. https://cloudreadiness.amazonaws.com/#/cart

Casucian, I. (2023, June 23). How to Create a Gantt Chart in Excel. TechnologyAdvice. https://technologyadvice.com/blog/project-management/gantt-chart-excel/