

Group Names:

Yanga Mgudwa
Tsakani Mokhabela
Bushy Mabeka
Yamkela Velaphi
Lusanda Zuma

AWS Services Presentation Ideas:

Scenario 1: Company has not migrated to the Cloud

Group Name: Cloud Crusaders

Target Company: Acme Manufacturing, a mid-sized manufacturing company with a large on-premises IT infrastructure.

Presentation Focus:

- Highlight the benefits of cloud migration: cost savings, scalability, agility, and security.
- Focus on key AWS services relevant to Acme Manufacturing, such as:
 - **EC2:** For running virtual machines.
 - **S3:** For data storage and backup.
 - **RDS:** For managing databases.
 - **Lambda:** For serverless computing.
 - **ElastiCache:** For caching to improve performance.
 - **CloudFront:** For content delivery network (CDN) to speed up website access.
-
- Provide a case study of a similar company that successfully migrated to AWS.
- Outline a potential migration plan for Acme Manufacturing, including a phased approach and the resources needed.

Scenario 2: Company is using the hybrid model

Group Name: Hybrid Heroes

Target Company: Global Retail, a large retail company with both on-premises and cloud infrastructure (currently using Azure).

Presentation Focus:

- Showcase how AWS can enhance their existing hybrid infrastructure.
- Highlight the benefits of leveraging AWS services alongside their Azure environment:
 - **AWS Direct Connect:** For secure, dedicated connections to AWS.

- **AWS Outposts:** For deploying AWS services on-premises.
- **AWS Hybrid Cloud:** For seamless integration between on-premises and cloud resources.
- **AWS Migration Hub:** For managing and tracking cloud migrations.
-
- Demonstrate how AWS can help optimize their existing Azure infrastructure and reduce costs.
- Present a hybrid cloud solution tailored to Global Retail's specific needs.

Scenario 3: Company is utilizing another Cloud Platform

Group Name: Cloud Converters

Target Company: FinTech Solutions, a financial technology company heavily reliant on Google Cloud Platform.

Presentation Focus:

- Present the advantages of transitioning from Google Cloud Platform to AWS.
- Focus on key AWS services that can replace their current Google Cloud Platform solutions:
 - **AWS EC2 vs Google Compute Engine:** Compare compute instances and pricing models.
 - **AWS S3 vs Google Cloud Storage:** Highlight storage options and pricing.
 - **AWS CloudFront vs Google Cloud CDN:** Show the differences in content delivery networks.
 - **AWS Lambda vs Google Cloud Functions:** Compare serverless computing options.
-
- Show how AWS can provide better security, performance, and cost optimization compared to Google Cloud Platform.
- Offer a step-by-step plan for transitioning their infrastructure to AWS.

General Tips:

- **Keep the presentation concise and engaging.** Use visuals, real-world examples, and interactive elements.
- **Highlight the value proposition for the target company.** Demonstrate how AWS solutions can address their specific challenges and achieve their business goals.
- **Provide clear and realistic recommendations.** Outline a plan for migrating or enhancing their infrastructure with AWS services.
- **Be prepared to answer questions and address concerns.**

Please share your choice and let's discuss and decide together. Good luck!