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This study guide demonstrates the lesson from *Understand AWS Managed vs. Unmanaged Services*

My full AWS Architect Associate course can be found here:

<https://www.udemy.com/course/ultimateaws/?referralCode=7ED214B795C444141361>

Managed vs. Unmanaged Services in AWS Study Guide

In this lesson, we will explore the fundamental concepts of managed and unmanaged services in the context of AWS. Understanding the key differences between these two service types is essential for making informed decisions when choosing the right AWS services to meet your specific needs.

Section 1: Introduction to Managed and Unmanaged Services

Defining Managed and Unmanaged Services

- Managed services are AWS offerings in which AWS takes care of most operational and maintenance tasks, allowing users to focus on their applications and data.
- Unmanaged services, on the other hand, require users to take full responsibility for configuring, maintaining, and securing the service themselves.

Section 2: Unmanaged Services: The Analogy of Cooking Your Own Meal

The Analogy of Cooking Your Own Meal

- Unmanaged services are akin to preparing your own meal from scratch.
- Users have complete control over the process, from ingredient selection to cooking to serving and cleanup.
- EC2 is a prime example of an unmanaged service where users have 100% control over the virtual server, operating system, and security configurations.

Section 3: Managed Services: The Analogy of Dining in a Restaurant

The Analogy of Dining in a Restaurant

- Managed services can be compared to dining in a restaurant, where everything is prepared and served by experts.
- Users relinquish some control but enjoy the convenience of not having to manage the intricate details.
- AWS's S3 is an illustration of a managed service where AWS handles maintenance, security, and scaling, allowing users to focus on their data and applications.

Section 4: Implications of Managed and Unmanaged Services

Implications for Users

- Managed services are ideal for users who want to delegate operational tasks, reduce maintenance work, and concentrate on their core activities.
- Unmanaged services are suitable for users who require full control over configurations, security, and scalability but need to invest time and effort in management.

Lesson Review and Key Takeaways

- Managed services in AWS are akin to dining in a restaurant, where experts handle all service aspects, offering convenience and time-saving benefits.
- Unmanaged services, represented by EC2, are similar to cooking your own meal, providing total control but requiring more effort.
- Users should choose between managed and unmanaged services based on their specific requirements, considering factors like control, maintenance, and scaling.

See slides below:

Unmanaged Service Analogy



Managed Service Analogy



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