

BOOTCAMP ARQUITECTURA EN LA NUBE

INNOVADOR - Módulo 1

INGLÉS



Contextualización de mis aprendizajes

The NIST Definition of Cloud Computing involves gaining a comprehensive understanding of the foundational principles and terminology that define cloud computing. The National Institute of Standards and Technology (NIST) provides a clear and authoritative framework for comprehending the essential characteristics, service models, and deployment models of cloud computing. Contextualization includes delving into the specific vocabulary used in The NIST Definition, such as Infrastructure as a Service (IaaS), Platform as a Service (PaaS), Software as a Service (SaaS), and the key characteristics of on-demand self-service, broad network access, resource pooling, rapid elasticity, and measured service. By engaging with this reading, learners not only acquire linguistic competence in cloud computing terminology but also develop pragmatic competence by understanding how these concepts are practically applied in cloud-based solutions. Sociolinguistic competence is fostered through discussions on the societal impact and broader implications of cloud computing as outlined by NIST, facilitating effective communication within the technical community.



Objetivo general

UNIDAD 4

- Develop foundational vocabulary and comprehension of Cloud Architecture Patterns and related texts, fostering language skills alongside fundamental technical knowledge in cloud architecture.
- Acquire a comprehensive understanding of data management principles and practices, integrating theoretical knowledge with practical experience to align data management strategies with specific business needs. Gain the ability to make informed decisions in designing and implementing robust data solutions.

Competencias a desarrollar

- **Linguistic competence:** Develop proficiency in reading and writing within a technical context, acquiring foundational practices and vocabulary in cloud technology, and understanding specialized subjects in cloud architecture.
- **Pragmatic competence:** Gain practical proficiency in applying cloud computing principles by exploring subjects like "Cloud Native Patterns: Designing Change-Tolerant Software" and understanding how foundational concepts such as Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS) are practically implemented in cloud-based solutions.
- **Sociolinguistic competence:** Foster effective communication within the technical community by engaging in discussions about the societal impact and broader implications of cloud computing as outlined by the National Institute of Standards and Technology (NIST) in "The NIST Definition of Cloud Computing."

Activación de saberes previos

TIEMPO DE EJECUCIÓN: 4 HORAS



PLANTEAMIENTO DE LA SESIÓN

MATERIALES

1

Explain the technology idiom of the day.
Bingo game about cloud computing vocabulary
Socialize some keywords of the reading "The NIST Definition of Cloud Computing".
Reading: "The NIST Definition of Cloud Computing".
True/False activity.

- Reading: "The NIST Definition of Cloud Computing":
<https://reciprocity.com/blog/nists-definition-of-cloud-computing/>

2

Socialize key vocabulary about the video below
"Cloud Computing Services Models - IaaS PaaS SaaS Explained"
• Watch the video "Cloud Computing Services Models - IaaS PaaS SaaS Explained"
• Multiple-choice game: Kahoot game.
Fill-in-the-blank activity about the previous video.

- Video "Cloud Computing Services Models - IaaS PaaS SaaS Explained"
https://youtu.be/36zducUX16w?si=p7HmwKhzy_654ody



Activación de saberes previos

PLANTEAMIENTO DE LA SESIÓN	MATERIALES
<div data-bbox="252 966 379 1144">3</div> <p>Before reading, explain what reading in context is. Socialize keywords about the reading "What is cloud economics?"</p> <p>Reading: "What is cloud economics?"</p> <p>Match the word to the definition (previous reading).</p>	<ul style="list-style-type: none"> Reading: "What is cloud economics?": https://www.vmware.com/topics/glossary/content/cloud-economics.html



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