

Lesson 1

Introduction to cloud computing



Warming up: Hangman game about cloud computing vocabulary.

Ingrese al juego aquí.

i n f r a s t r u c t u r e
v i r t u a l i z a t i o n
m i c r o s e r v i c e s
s c a l a b i l i t y
e l a s t i c i t y

Socialize key words about the reading text: "What is Cloud computing?"

1. **Cloud Computing:** The delivery of computing services, including storage, processing power, and applications, over the internet.
2. **Salesforce:** A pioneer in cloud computing, providing business applications and services online.
3. **Internet Connectivity:** The capability of being connected to the internet, enabling access to cloud resources from various devices.
4. **Scalability:** The ability of cloud computing resources to easily adjust and handle an increase or decrease in demand.
5. **Data Center:** A facility housing computing systems and components, centrally managing and storing data for cloud services.

Read the text: "What is Cloud computing?"

The world of software is constantly changing and evolving. When Salesforce was created in 1999, it was the first business service to offer business applications on a website, which ended up being called cloud computing by the market . Since then, Salesforce has been the pioneer in this type of service for small, medium and large businesses .

In other words, the definition of cloud computing is offering services through the connectivity and large scale of the Internet . Cloud computing democratizes access to international-level software resources, as it is a software application that serves various clients. Multi Location is what differentiates cloud computing from simple outsourcing and older application service provider models. Small businesses now have the ability to harness the power of advanced technology in a scalable way.

Cloud computing offers individuals and businesses of all sizes the ability to pool well-maintained, secure, easily accessible, and on-demand computing resources such as servers, data storage, and application solutions. This provides companies with greater flexibility in relation to their data and information, which can be accessed from anywhere and at any time , being essential for companies with headquarters around the world or in different work environments. With a minimum of management, all cloud computing software elements can be sized on demand, you only need an Internet connection .

How does Cloud Computing work?

Cloud computing uses a network layer to connect users' edge devices, such as computers, smartphones, and wearables, to centralized resources in the data center. Before cloud computing, reliable software execution by companies offering services was only possible if they could also pay for the maintenance of the necessary server infrastructure. Additionally, traditional software typically required an entire team of IT professionals, internal or external, to deal with the inevitable set of bugs, service challenges, and updates. The concept of cloud computing is free from all those outdated problems and requirements.

Taken from: <https://www.salesforce.com/mx/cloud-computing/>

Before the reading, explain what the scanning strategy is.

A scanning strategy is an approach used in reading comprehension that involves quickly reviewing a text to get a broad understanding of its content before diving into detailed reading. This strategy often includes examining headings, subheadings, keywords, and any highlighted or emphasized text. The goal of scanning is to identify the main ideas, key concepts, and the overall structure of the text, enabling the reader to form an initial impression and anticipate the information to come. Scanning is particularly useful when time is limited or when the reader is looking for specific information within a text.

