

Cloud Computing



For Associations
Presented by Morant Information
Systems

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What is Cloud Computing

- Cloud is a utility computing model that involves a dynamically growing collection of heterogeneous, loosely coupled nodes, all of which are aggregated together and present themselves to a client as a single pool of compute and/or storage resources.

What is Cloud Computing

Practical Explanation

- Cloud computing is the next stage in the Internet's evolution, providing the means through which everything from computing power to computing infrastructure, applications, business processes to personal collaboration can be delivered to you as a service **ONLINE** wherever and whenever you need.

What is Cloud Computing for Association

- Basic Applications, MS Office
- Email Service
- Membership Management
- Dues Billing
- Conference and Event Management
- Item Sales, Subscription
- Fund Raising, Foundation
- Server Setup – Network Operating System, Firewalls, Network Management, Virus Protection

Benefits of Cloud Computing

- Virus Protection – Blocking Hacking
- Easy Backup & Recovery
- Maintenance & Management Made Easy
- Easy Deployment - Virtual servers
- Slashing Of Hardware Costs
- Lesser Space Demands-Reduced Energy Usage
- Hardware Standardization – Better Maintenance

Cloud Computing Characteristics

- Elasticity and scalability. The cloud is elastic, meaning that resource allocation can get bigger or smaller depending on demand.
- Self-service provisioning. Cloud customers can provision cloud services without going through a lengthy process.
- Standardized interfaces. Cloud services should have standardized APIs, which provide instructions on how two application or data sources can communicate with each other.
- Billing and service usage metering. You can be billed for resources as you use them. This pay-as-you-go model means usage is metered and you pay only for what you consume.

Cloud Deployment Models

- Public Cloud – IT resource offered as a service to public and shared across multiple organizations, managed by an external service provider.
- Private Cloud – IT resources dedicated to a single organization and offered on demand. These are virtualized cloud data centers inside your company's firewall or may also be a private space dedicated to your company within a cloud provider's data center.
- Hybrid Cloud – A mix of private and public clouds as a single entity to extend capacity across the cloud as needed.
- Community Cloud - Shared infrastructure for a specific community.

Cloud Computing Issues

- Cloud security. The same security principles that apply to on-site computing applies to cloud.
 - Identity management. Managing personal identity information so that access to applications and data services is controlled properly.
 - Detection and forensics. Separating legitimate from illegitimate activity.
 - Encryption. Coding to protect your information assets.
- Cloud manageability. You need a consistent view across both on-premises and cloud-based environments.

Cloud Issues –More

Cloud standards. A standard is an agreed-upon approach for doing something. Cloud standards ensure interoperability for applications, virtual images, and more, and use them in another cloud environment without having to do any rework.

Cloud governance and compliance.

Governance defines who's responsible for what and the policies and procedures that your people or groups need to follow.

Data in the cloud. Managing data in the cloud requires data security and privacy, including controls for moving data from point A to point B.

Cloud Computing Solutions

- * Hosted Private Exchange Server
- * Web Based Applications
- * Web Hosted Office Applications with Document Management and File Sharing services
- * Managed Services for Network Servers and Stations
- * AMPAC10 Association Management System

* Ask Morant for Detailed Information and Prices on these solutions,
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Thank you for reviewing this
presentation

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