



# CLOUD COMPUTING

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## Software as a Service

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## Email Service

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- Email also known as webmail
- It is quite common that we might be using any of the email service like yahoo, gmail, cloudmail, Hotmail etc.
- These services are available in the cloud and we use it regularly
- Now a days, we open the mailbox in any of the devices such as laptops, desktops, mobile, tablets etc
- Also, it can be opened irrespective of the operating system that you have

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- An email address is a designation for an electronic mailbox that sends and receives messages, known as email, on a computer network. All email addresses follow the same format: @<domain name>
- Online email service providers enable users to send, receive and review e-mail from their Web browsers
- When logging into an email service, users simply enter the Webmail Web site URL in their browser's address or location field, and use their Webmail account by typing in a username and password

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- These mailboxes are not tied with your internal hard disks or any infrastructure on your machine. You are just using the entire application through the browser
- Instead of the e-mail being downloaded to the computer used for checking the e-mail account from, the messages will stay on the provider's server, allowing the user to access all their e-mail messages regardless of what system or ISP is being used
- Email services offer many of the same features and functionality for managing e-mail as desktop email software counterparts like Microsoft Outlook and Mozilla Thunderbird

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- Most companies have 100's and 1000's of users whereas the CSP deals with millions of users
- Some companies have internal email service
- Due to budget constraints and economies of scale, the internal Email cannot provide large storage capacities
- Internal Email limited to 300 or 500 MB per user
- CSP can able to offer email service at very low cost
- Email in the cloud with 25 or 30 GB per user



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### Benefits

- Cost savings
- Flexible scalability
- Improvement of uptime
- Simplified Administration
- Improved Security

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### Pros

- **No need to hire dedicated IT staff**
- Cloud-based email is **completely scalable** to your current situation. Need to hire more employees? Get additional licenses, downsizing, disabling of accounts at the click of a mouse.
- Cloud-based email is **always up-to-date** with the latest security patches and features.
- **No need to purchase software**
- **Integrating mobile devices** into the workplace is easier.
- A Service-oriented model creates **better service relationships** than typical “sell and forget” software.

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### Cons

- Ongoing costs per user can add up over time.
- The Cloud provider is responsible for not only securing your service, but also providing you with visibility into how they secure it – if you don't go with a trustworthy Cloud provider, you may end up not getting access to the information you're entitled to.
- Cloud-based email solutions mean that you lose a certain degree of physical control over your email



# THANK YOU

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