

Virtual Desktop Infrastructure Implemented using Amazon WorkSpaces




Client

Centre for Development of Imaging Technology (C-DIT) is a unique institution under the Government of Kerala with diverse skills and achievements in the areas of Imaging Technology & ICT and their applications. C-DIT mainly focuses on the advancement of research, development and training in imaging technology.

Challenge Faced

- A team of users were working on individual rental desktops and it was difficult for them to manage profiles.
 - Documentation management is on the individual's desktops without security compliance.
 - C-DIT was looking for a solution to work from any location.
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Offered Solution

- Amazon WorkSpaces was offered as the solution to work from any location.
 - The solution comprises Amazon WorkSpaces components deployed in two Availability Zones (AZ).
 - The WorkSpace solution empowers remote workforce and reacts quickly to changing conditions with access to applications and desktops from anywhere.
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- File shares were created on Amazon FSx and mounted to the WorkSpace instances as a disk drive.
- Amazon FSx is a fully managed service, optimizing storage consumption, enabling end-users to recover files and folders to previous versions and enforcing encryption for all connected clients.
- Amazon Directory Services was configured for Microsoft Active Directory that enabled AWS resources to use managed Active Directory in AWS.
- Amazon CloudWatch was used as a monitoring and management service that provides data and actionable insights for AWS, hybrid and on-premises applications and infrastructure resources.

Success Metrics

- C-DIT was able to easily launch, run and scale feature-rich, high-performance file systems in the cloud.
- The overall IT infrastructure spending has been reduced by 30%.
- Staff productivity has increased by 50%.
- 99.9% SLA has been ensured.

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