How Cloud Is Playing A Role In Aiding Remote Work Challenges

Experts have been saying that the recent shift towards remote work will encourage companies towards much greater cloud adoption, especially among those in the IT industry.

How Cloud is playing a role in aiding Remote Work Challenges? Here are five reasons why cloud technology is so important for all businesses—especially those with remote workers.

1. Seamless accessibility

Usually, an organization which is operating its own data center will need to have assets offline for maintenance. On the other hand, Cloud Services gives access to information to all the remote employees they require to do their jobs on a 24*7 basis. Cloud Services also enhances the control access to specific cloud resources when needed. Administrators have the privilege to secure identity and access policies to make sure that all the employees have the required permissions for what they can access. All these settings can be configured remotely which also ensures that any new or current remote workers have the required access they need while away from the office.

2. Flexible scalability

In Cloud, scalability refers to two primary types, namely Vertical & Horizontal scaling.

By vertical scaling, we refer to adding more CPU, memory, or I/O resources to a server, replacing the server with a more powerful one, or changing instance sizes.

Copyright © 2021

By horizontal scaling, we refer to adding more servers, often to split the workload to limit the number of requests any single server can receive and may also mean adding instances.

For administrative teams that cannot access a physical location, Cloud computing is the preferred choice, such as a server room, or that are spread out across locations. Companies adopting remote work means a steady flow of employees who need access to cloud resources. For administrators, Cloud helps to easily manage & scale the increase in remote workers. The simplicity and elasticity of the cloud can also help organizations scale their computing power up or down at any time which in turn is a very cost-effective solution for a growing business when compared to adding servers in a data center.

3. Optimized spending

In most cases, On-premises servers can become extremely costly for organizations to buy and maintain. As more & more organizations are moving away from centralized data storage, they need to be aware of the costs which are associated with cloud computing. Following several best practices, Administrators can really optimize their organization's cloud spending:

- They can look out for unused or idle resources that are no longer being used, which can help the organization manage unnecessary costs.
- Also, they can ensure that they have rightly sized their services for their organization, with the ability to scale up or down whenever needed.

Copyright © 2021

4. Enhanced Security

One more benefit of the cloud is that it is designed with security in mind. Cloud services usually operate on a shared responsibility model, meaning that they will ensure the overall security of the cloud while ensuring the user validates various safety measures to protect that account's data. Public cloud platforms, such as AWS and Azure, gives their users the capability to specify several security measures, e.g. setting up user permissions, encrypting data, and enforcing other measures to prevent security threats. Organizations which need additional security requirements, such as government agencies, can have added security and compliance benefits in secret and top-secret regions.

5. Greater Compliance

Organizations which are operating in highly regulated industries, such as healthcare, telecommunications, finance, education, and government, need to make sure suitable measures have been taken to secure their data. Cloud services usually come with configurations for come with configurations for compliance, making it very easy for organizations manage & secure sensitive information. This becomes extremely important when managing employees across various locations to ensure that sensitive data is not being compromised.

Copyright © 2021

Contact Us

20 F ST NW, Suite 700
Washington, DC 20001

| Phone: +1(202) 239-6247

| Email: **info@iosoftware.com**

About ioMoVo

ioMoVo is an i/o Software, Inc. company. We aim to save users from coding complexities and challenging data analysis to extract insights by employing different models and digital services. These cognitive services inspired by Artificial intelligence allow users to analyze, extract and evaluate the insights from their content and videos.

Copyright © 2021