

# ARE YOU READY FOR CLOUD COMPUTING?

Originating from a cloud symbol drawn on diagrams to symbolize the Internet, the phrase "cloud" has caught on and is here to stay. Since the 1960s, cloud computing has developed over time from the arrival of Salesforce.com and Amazon Web Services to the maturing of virtualization and Web 2.0. Some may consider it one of the most innovative technology developments in decades and some may not, but it is apparent that one thing is true...cloud computing is on the rise. Cloud computing is rapidly evolving as it is allowing businesses to become more efficient. In turn, professionals with cloud computing skills and knowledge are in high demand.

## ADVANTAGES OF TRANSITIONING

- 1 COST EFFECTIVE** 82% Companies saved money in their last cloud adoption project
- 2 FLEXIBLE** 60% Businesses that utilize cloud for performing IT-related operations
- 3 ACCESSIBLE** 33% IT decision makers cited accessibility as the most important reason for their decision to adopt cloud computing
- 4 INCREASED EFFICIENCY** 52% IT decision makers reported increased data center efficiency and utilization
- 5 ALWAYS UP-TO-DATE** 49% Workloads processed in the cloud, making 2014 the first year where

## THE DIFFERENCE: PUBLIC, HYBRID, PRIVATE

### Public

Services are purchased on an as-needed basis

Concerns include security, reliability, and vulnerability

Hardware/software is rented

Can lower your IT staffing costs

### Hybrid

Run your own infrastructure and connect with public cloud

Uses public cloud to meet temporary capacity needs

Advantage: Only pay for extra resources when they are needed

Combines the best features of both private and public clouds

### Private

Serviced by your own data center

Operated solely for your organization

You must still buy, build, and manage the infrastructure

Provides the highest level of security and control

### Choose Public When...

- 1 You are a small business or startup company
- 2 You want to reduce IT costs, capital expenditure, and your investment in infrastructure
- 3 You want to cut your IT time and not worry about upgrades and backups

### Choose Hybrid When...

- 1 You offer services that are tailored towards different markets
- 2 You need to interact with clients on a public cloud while keeping their data secure on a private cloud
- 3 You have varying needs with both sensitive and non-sensitive applications

### Choose Private When...

- 1 The control and security of your business data is important
- 2 You are part of an industry that must conform to strict security and data privacy issues
- 3 Your company is large enough to run a data center efficiently and effectively on its own

## THE NEED FOR CLOUD PROFESSIONALS

Number of cloud computing positions that will be created for the business, financial, and banking industries in the next 5 years.

207,000

801,000

7,000,000

446,000

Number of cloud computing professionals that are expected to be needed in the public sector in the next 5 years.

At least 446,000 jobs will be generated every year until 2015 to meet the growing demand of cloud computing.

The demand for cloud-savvy IT professionals will create more than 7 million cloud-related vacancies worldwide.

Key skills for building and maintaining cloud infrastructure:



## ARE YOU PREPARED?

1.7 million jobs



Jobs related to cloud computing were remained unfulfilled worldwide due to a lack of training in 2012

1 out of every 3

Employees did not feel educated in the technologies they were handling, with cloud computing being the largest weakness.



54%

Business managers experiencing downtime in the past 6 months due to trouble integrating cloud apps.

52%

Business managers said they missed business deadlines due to delays integrating with the cloud.

## SOURCES

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