

FINANCIAL SERVICES TECHNOLOGY

CLOUD COMPUTING ASSURANCE

Information technology is continuously evolving in fresh and innovative ways, providing businesses with the ability to streamline business processes, decrease operating costs and increase competitive advantage through digital disruption. One such technology is Cloud Computing.

Cloud computing refers to the delivery of information technology services and resources- such as server hosting, data storage, database maintenance, networking and infrastructure, data analytics and business intelligence - over a virtual platform. Cloud computing offers enterprises virtual processing power in a variety of possible implementations, notably using the below concepts:

As with any emerging technology, it's imperative to understand the opportunities, challenges, and most importantly the risks arising from this technology. Cloud computing is evolving rapidly; and keeping pace with the business applications, as well as the numerous operational and security implications, is unsettling for many organisations.

The key focus areas that companies need to consider include sustainability, privacy, security, and scalability. We combine in-depth cloud knowledge with extensive experience in the financial services and technology sectors, to support your company in an environment that is constantly changing.

We support and guide organisations looking to embark on adopting cloud technology for a competitive edge; as well as provide governance and assurance services for organisations that have already embarked on the cloud journey.

BDO takes the time to understand your business and provide customised solutions that cater to your organisation's needs. Our advisors provide guidance on business strategy, as well as the assurance, compliance, security, regulatory, and governance requirements associated with this leading technology.

Cloud services:**Infrastructure as a Service**

Servers, disk space, network devices and memory.

Examples:

- Amazon Web Services™
- Mosso from Rackspace®

Platform as a Service

Designed for developers.

Example vendors and services:

- Microsoft's Azure™ Services Platform
- Google's Google App Engine

Software as a Service

Applications are complete and available

Examples:

- Salesforce customer relationship management (CRM)
- LotusLive™ from IBM®

OUR SERVICES INCLUDE:

- ▶ Cloud roadmap development and implementation
- ▶ Cloud risk assessments/assurance
- ▶ Cloud maturity assessments
- ▶ Control assessments
- ▶ SOC 2 and Cyber Reviews

CLOUD COMPUTING KEY RISK AREAS



BDO Financial Services Technology, draws on various industry wide professional bodies- such as ISACA, the CSA Control Matrix, the American Institute of Certified Public Accountants (AICPA), NIST, as well as their global industry experience to create tailored cloud solutions that enhance tangible value for clients.

ABOUT BDO IN SOUTH AFRICA

BDO is a leading provider of professional services to clients of all sizes in across all major business sectors. Our team delivers a comprehensive range of assurance, accounting, tax, and advisory services, complemented by a deep industry knowledge gained from nearly 100 years working within local communities. As part of the international BDO network, we're able to provide seamless and consistent cross-border services to clients with global needs.

Assurance | Accounting | Tax | Advisory

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