

INFORMATION STORAGE

Strategies and Solutions

What You'll Learn

Information is the currency of business, research, and other knowledge-based industries. Storing, accessing, and protecting information is critical for organizations and Information Technology professionals are tasked with delivering strategies and solutions. This course will cover the problems and solutions for information storage, explaining the technology employed and the different systems available. The primary initiatives of optimizing IT and changing to a services delivery model are the top-level sections along with solutions for information storage and management. From this course, solutions using storage technologies implemented in products with their architectures, features, benefits, and issues will be explored with a goal of understanding a strategy to deal with information demands.

Who Should Attend

- Information Technology Professionals – exposure to latest technologies and solutions
- Organization-wide teams – responsible for planning, managing, and utilizing information infrastructures
- Business Executives – responsible for business operations, strategy and direction
- Individuals – seeking to learn more about information storage



INSTRUCTOR

Randy kerns

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At Evaluator Group

DATE

May 17-18th | 2018 | 9:00-17:00

PLACE

**E-Storage, Burgemeester Verderlaan 11 A
3544 AD Utrecht, Netherlands**

SERVICES

Highlights

INFORMATION STORAGE

Demands and Evolution

Transforming IT into a services delivery model. The competing initiatives of optimization of IT and transforming to a services delivery model will be laid out for understanding. Also discussed will be the need for companies with outsourcing and out-tasking strategies developing an exit strategy to bring operations and expertise back in-house.

SERVICES DELIVERY

Transforming IT – Optimizing IT Private/Hybrid Clouds and IT as a Service

In addition to meeting demands in current data center environments, additional deployments of private and hybrid clouds to achieve IT as a Service (ITaaS) characteristics are underway to deliver services in an on-demand manner. The motivations, rationale, and methods for private/hybrid clouds are important to understand when creating and implementing a strategy for information storage. Deployment of private/hybrid clouds is a parallel activity to optimizing IT operations to address current and ongoing demands.

DATA CENTER INFRASTRUCTURE

Integrated Solutions

Different storage technology elements are being integrated to provide solutions for storing and protecting information. Driven by improving the time to deployment, these integrations provide alternatives to the more traditional storage systems available and can be building blocks for cloud environments.

This section will examine the different types of integrations including definitions of characteristics and the vendor product offerings. Virtual SANs and clustered storage are included in these discussions.

- Hyper-Converged Systems
- Software Defined Storage
- Integrated / Converged Systems

ENTERPRISE DATA MANAGEMENT

Managing information encompasses the tools to do function such as Storage Resource Management (SRM) but also Data Protection, which includes not only the mechanisms to protect and make data available but the recovery of data in case of failures. Part of the overall Enterprise Data Management is about moving data to different types of storage.

ECONOMIC CONSIDERATIONS IN IT

In this concluding session, several topics that have financial considerations that are not obvious from normal considerations. The financial implications of the impact of a failure will be presented based on industry data. Additionally, the financial considerations for justifying infrastructure and solutions for enterprises will be discussed. The considerations ultimately must show economic value and be presented in a complete fashion.

HIGH PERFORMANCE COMPUTING IN THE ENTERPRISE

Analysing large amounts of data in near real-time to arrive at new insights has become very popular with the abundance of newly captured data, much of it from machine to machine. A new discipline has arisen from this with massive amounts of storage and processors used by data scientists. Areas such as marketing and sales have been the most visible proponents, but many others exist.