

## Advanced Education

Evaluator Group Advanced Education for Storage Professionals Presents  
**Storage Management****Benefits**

IT professionals today are faced with many challenges as a result of the recent, explosive growth of data. The problems of data consolidation, backup and recovery, storage growth and administration have mandated the need for storage networking. Managing information and storage networks is the focus of this seminar. Issues such as provisioning, industry standards, virtualization, management tools, and ILM are discussed and industry trends are examined. An objective analysis of vendor products, approaches and futures are discussed. The aim of this class is to give a vendor-neutral, in-depth analysis of storage management. Delving into open systems storage, this class stays on the "leading edge" of technology, arming students with knowledge for today with an eye on the future.

**Audience**

This class presents implementations, design methodologies and the tools and technologies used in storage management with information that is immediately useful for storage professionals, including developers, engineers, administrators, management staffs, marketing personnel and others who are seeking an in-depth understanding of storage management. Enrollment is limited to encourage questions and interaction.

**Instructors**

Randy Kerns, Senior Partner and Analyst  
Dennis Martin, Analyst  
Evangeline Simones, Analyst

**Objectives**

- Understand the need for management in the storage of data
- Analyze the differences and requirements within market segments
- Broad and in-depth knowledge of current and emerging storage management strategies, designs, solutions and standards — highly applicable to real-life business challenges
- Become aware of current storage management tools in the industry through an in-depth look at currently available product offerings, and the tradeoffs involved in selecting among them
- Gain an understanding of critical storage management requirements
- Learn the different types of management methodologies available and be able to recognize the various targeted markets in which they are used
- Discover the differences between mainframe and open systems I/O
- Learn how various vendors are helping manage storage efficiently
- Get a clear analysis of the future of storage management
- Learn how to adopt the fundamentals of storage management into a successful storage strategy
- Get an in-depth look at security issues and how you can protect your infrastructure
- Understand the missions of various industry organizations

## Agenda

Introduction to Storage Management  
Customer Issues and Target Markets in Storage Management  
Issues in Storage Management including storage provisioning and standards  
Device Management, Virtualization, SAN Management and Storage Resource Management Tools  
Consolidated Systems Management, Management Frameworks and ILM  
Comparison of Major Vendor Products  
Mainframe vs. Open Systems I/O  
Considerations including Security, Industry Organizations and Industry Standards  
Storage Management Status, Futures and Deployment Recommendations

## Description

- **Storage Management:** Storage Management software is the primary driver of storage strategies. We will present the Evaluator Group “Storage Management Stack,” examining the need for an integrated management approach to storage. Each layer of the storage management stack will be discussed, including the general functions provided by each layer, and the various vendor solutions. Topics presented:
  - Device Management
  - Virtualization
  - SAN Management and Storage Resource Management Tools
  - Data Protection, Security and Performance Issues
  - Distance Extension
  - Storage Network and Storage Resource Management
  - Management Frameworks
  - Application and Policy Management
  - SMI-S
  - Consolidated System Management
  - Management Frameworks
  - Applications Management
  - ILM
- **Vendor Offerings:** Storage industry vendors and their offerings are explained in detail with evaluations by Evaluator Group analysts.
- **Workbooks:** EGI's custom workbooks developed to aid in the decision-making process of a storage solution are presented.
- **Industry Organizations:** Industry organizations that have some bearing on storage management are discussed with contact information and membership information. The purposes of the organizations are illustrated.
- **Status, Futures and Recommendations:** The status of storage management will be objectively examined and the differing market environments discussed. The current status of storage management tools and the future developments are discussed. Data protection and security recommendations are presented.