

Business Resilience & Data Protection Best Practices



Opportunities are made,
not found

Skills and expertise to help you increase your knowledge in the field of storage security technologies

Brief Overview:

In a nut-shell, this workshop summarizes the techniques used for storage data protection and business resilience methodologies to ensure continuity of operations by using backup recovery tools in the light of Data Protection best practices recommended by SNIA.

Moreover, this workshop is designed on the basis that you have got nothing to lose and everything to gain.



40% of companies that suffer a massive data loss will never reopen – Gartner Group.

Target Audience:

The targeted audience for this workshop includes IT Operation teams, Backup Recovery Operations teams, Disaster Recovery and Business Continuity teams, Information Security and Cybersecurity professionals, System Administrators, Lead Storage Architects, Solution Architects, Business Technology professionals, Application and Database teams, Project Managers, Enterprise Architects, and Technical Writers.

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About this workshop:

Data protection contains much more than just adopting basic backup and recovery techniques, extending to issues related to data corruption, retention and data loss, data accessibility and availability, data confidentiality and sanitization, and compliance. In a nut-shell, this workshop shall cover essential factors to consider for data protection technologies/methodologies and applying SNIA industry standard storage DP best practices.

Unit 1 - Understanding Business Resilience, Data Protection & Storage Challenges

- Understanding new challenges of Digital Transformation.
- Defining Strategy and Strategic Planning – The Key Difference.
- What is Business Resilience and why you need a BR Strategy?
- Global barriers to achieving Business Resilience – The Four Domains.
- Understanding Fault Tolerant and Fault Resilience.
- How to calculate your IT Operations Uptime? – SLA and OLA.
- Knowing the “Three Categories of Risks”.
- Business Resilience Strategy and ISO 22301.
- Benefits of a Business Continuity Management System.
- Nine step process to implementing a BCMS based on ISO22301.
- The impact of Business Resilience and Data Protection.
- Storage types/subsystems & knowing Which storage technology is best?
- Critical facts about storage that you cannot ignore.
- Pressure on IT and senior management teams.
- Reduce cost, minimize risk and improve services.
- Employing a 3-2-1 backup strategy – A Backup recovery strategy.
- Consideration prior investing in new storage solution.
- Latency – Why it is an important fact to consider?
- Unit 1 Assessment.

Unit 2: Information Infrastructure Challenges and Storage Securities

- Business and Technology needs and priorities.
- Consequences of data security breaches.
- Types of threats to Information Security.
- What is information infrastructure and its challenges.
- Information Infrastructure model.
- Components of information infrastructure solution.
- Multiple security layers and Data replication technologies.

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- Fabric-based encryption for data-at-rest.
- Unit 2 Assessment.

Unit 3: Storage and Data Management Methodologies

- Storage silo's are all too Common – The Bigger Challenge.
- Understanding Data Management.
- The Data-driven Enterprise and its Challenges.
- Six key parts of the Data Management Process.
- Mapping Data to Business Processes using CRUD Matrix.
- The rise of the Data Lake – A small backdrop.
- Five ways to Optimize Data Strategy.
- Things you need to Know about Data Storage Management.
- Understanding Data Lifecycle Management.
- Storage Management Challenges – Storage Vs Data Classification.
- Understand Information Lifecycle Management and Data Lifecycle Management.
- ILM – Three Storage Strategies and Data Classification details.
- Key differences between ILM and DLM.
- Understanding Data De-Duplication, Virtual Tape Library & Data Protection technologies.
- Unit 3 Assessment.

Unit 4: Data Protection Best Practices using Common Data Protection Technologies

- Five phases of the data protection life cycle and Data Protection Overview.
- Examining the Cost of a Data Breach.
- The two faces of Data Protection and Key drivers of Data Protection.
- Data Corruption & Data Loss, Data Protection Algorithms.
- Snapshot, Continuous Data Protection, Nearline CDP, Replication and Mirroring.
- Accessibility and Availability, Replication – Multi-Site.
- Data Compliance, Data Retention and Disposition.
- Data Authenticity, Data Integrity, Data Confidentiality and Sanitization.
- Data Monitoring, Auditing and Reporting.
- Using storage backup recovery tools following SNIA data protection best practices and knowing their complete set of pros and cons.
- Unit 4 Assessment.

Detailed Information

Course Code : TN185
Course Duration : 2 Day
Course Location : TLC, Online, and Customer On-site.
Terms & Conditions :100% payment in advance.
Course Deliverable : Comprehensive Student Guide and Course Certificate

