Disaster Recovery (DR): Practical IT Approach in Implementing Business Continuity Plans (BCP)

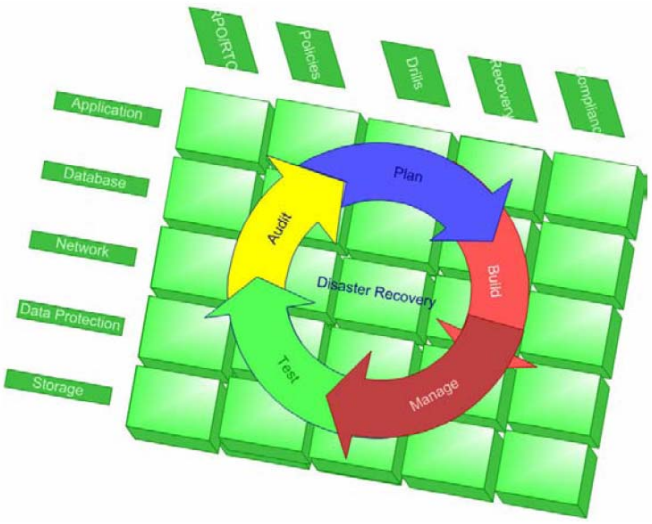
@ Bangalore

Business entities are challenged by many factors and organizations successes are not measured only by its financials and brand equity. Instead its ability to cope with undesired events and resilience it has built within to sustain them. Organizations are working towards adopting measures for unforeseen situations such as viruses, terrorist threats, cyber crimes and occurrence of natural mind calamities such as Tsunami, hurricanes, floods and earthquakes.

How confident are you that your DR plan works? Does your application recovery meet the business RPO/RTO objectives, whatever the threats?

Putting together a DR Plan is just the beginning for any practical Enterprise Disaster Recovery. Even the best Disaster Recovery Plans are going out of sync with the ground realities at the Datacenter. A successful deployment involves planning, architecting and implementing a solution that meets the business objectives across different applications in constantly changing IT environments and **guarantees the recovery anytime and every time**

To increase the opportunity for a successful recovery of business applications, **a well architected, maintained and thoroughly tested disaster recovery solution is the key.** Disaster Recovery solutions encompass different layers of the **business applications covering Networks, Applications, Databases and Protection Technologies.** IT organizations need knowledge on DR solution Planning, Implementation and Operations to make right IT investment decisions and make sure they work when they are really needed. As the RPO/RTO needs of businesses are growing, the solutions are becoming technically complex and thus the **need for end to end knowledge to ensure application level recovery within the business objectives.**



The Bottom line:

Surviving a disaster cannot be left to chance; Need to go beyond the plans and build holistic Disaster Recovery solution across virtual environments, remote offices, applications and databases that can quickly recover vital data and systems in the event of a disaster.

DR Facts and Figures:

- Hardware or system failure accounts for 78% of all data loss
- Human error accounts for 11% of all data loss
- Software corruption accounts for 7% of all data loss
- Natural disasters account for only 1% of all data loss.
- 31% of PC users have lost all of their files due to events beyond their control.
- Approximately 27% of enterprises do not have a recovery site in the event of data center site failure;
- 23% of enterprises never test their disaster recovery plans.
- Eight Years After 9/11, Most Firms Are Not Ready with Disaster Recovery Plans.

Do you know that major cause (58%) of why a DR test failed was accounted to people related issues—lack of training, skills and execution?

About this Workshop:

Presented by professionals with years of experience in deploying large enterprise disaster recovery solutions across different verticals, this workshop aims to provide insight into comprehensive approach to building a successful Enterprise DR Solutions by adopting global best practices and standards.

Following this workshop you will:

- Gain strong insights into the basic concepts, terminologies and technologies in DR/BC, practical applications and usage of DR/BC strategies and products, overview of the market trends and technology trends.
- Take an integrated approach to planning a comprehensive BC and DR program, understand the interleaving of the technological, business, financial and operational complexities involved, learn about the framework, tools, best practices and methodologies that can work for your organization.
- Review different architectures, technologies and customer case studies. Learn how to identify, translate business requirements into architectural blue prints that meet the needs of today and scale to support the future. Understand how to make right IT investments underlying DR technologies, namely, network, replication, database and applications.
- Know how to operationally centralize your availability management and Drills, how to monitor recovery readiness and vital DR metrics in real time.

Who should attend?

This workshop empowers people from myriad organizations across diverse industry segments to make informed Disaster Recovery investment decisions, make IT solutions work to their business advantage and ensure these investments work when they are required the most. These programs are targeted at:

- CIOs, CTOs and Senior IT Management
- IT/Application Architects / Specialists, BC / DR specialists / planners

Faculty Profile: Raja Vonna

Raja Vonna has around 18 years of experience in the field of Disaster Recovery and Data protection and having executed various enterprise deployments in India & US. He is a seasoned Entrepreneur and DR Expert, who successfully built enterprise DR and Data Protection products and solutions from ground up. With four US patents in storage and networking technologies, he has in-depth knowledge in storage, networking, databases and replication technologies

Workshop Contents

Introduction to Business Continuity (BC) and Disaster Recovery (DR)

- BCP and DRP – Terminology and concepts.
- Features of a Business Continuity and Disaster Recovery program.
- The need for DR Solution and Lifecycle approach

Getting started with a Plan

- DR Plan types, development processes and best practices.
- Understanding Risks, Threats, Vulnerabilities and Countermeasures.
- Business Impact Analysis [BIA].
- Computing and justifying RTO and RPO figures.
- Structure and Content of the DR Plan.
- Understanding disaster or 'incident' control.

Architect for the needs of today and future

- Disaster Recovery solution architecture challenges.
- Review of the different architectures and choosing the right one.
- Translating requirements to right technologies to meet business objectives.
- Building architecture blueprint to ensure application level recovery.

Devil is in Execution Detail

- Evaluating right products and defining the optimal configurations for underlying technologies, namely, network, replication, Database and Storage.
- Planning a DR Solution implementation.
- Execution challenges and sample execution plans.
- Review of sample enterprise DR Solution implementation.

Unified Management for operational simplicity

- Vital metrics for DR solution health. Ensuring Recovery Readiness and integrating into other IT operational processes.
- DR operational challenges and solutions.

Expect, What you inspect

- Types of Drills and amount of coverage.
- Best practices for Preparation,
- Testing and Analysis of Test Results.
- Common causes of failure and review of Drill results of a practical implementation

Audit, Assess & Nurture

- What to look for during an Audit?
- DR readiness and maturity measures.
- Historical reports & trend analysis for auditing a DR solution.
- Compliances, Regulations and Conformances.

Trends, Technologies & Future Directions

- Outline of emerging DR technologies, standards and trends.
- Leveraging emerging IT technologies for enterprise Disaster Recovery.