



## **Disaster Recovery Primer - Ready, Set, Plan**

**Richard Dolewski, WTS, Inc.**

**Monday, October 6, 2008**

This workshop identifies the components of Disaster Recovery planning as it relates to the availability and recovery of computing services. Learn what works in a real disaster. Understand common assumptions made in our industry. Following a Disaster recovery methodology structured specifically for Information Technology, the seminar will provide the attendee with an understanding of the fundamentals of developing a DR plan from start to finish and testing the plan so it works when you need it most...in a Disaster! This will be an interactive workshop with an emphasis in classroom participation. All students will be provided with course material.

### Audience:

This workshop is designed for IT personnel responsible for writing and maintaining a DR Plan.

### Syllabus:

#### Part 1: DRP Overview

Disaster Recovery Preparedness

The Changing face of Disaster Recovery Planning today

Backup & Recovery Assessment - Backups Policies

Value of Systems Availability and HA

RTO vs RTP

Criticality ranking of essential IT services

#### Part 2 - Building the plan

Components of a DR Plan

Disaster Notification

Building Your teams

Human Elements

Roles and Responsibilities

Steps to Recovery

System Information

Vital Records - Management

#### Part 3: Exercise the Plan

Testing - Passive - Table top Exercise

Testing - Active Test till you get it right

Case Study of 2 real Disasters



### **IBM BladeCenter 101**

**Kyle Wurgler, IBM Corporation**

**Monday, October 6, 2008**

This technical workshop includes detailed information on how to install and set up an IBM BladeCenter chassis and its associated blade servers. We will cover the architecture of the BladeCenter S and BladeCenter H; the components that are available as options; installation requirements and procedures for updating the components within the chassis. We will also explain how disk management in the BladeCenter S is performed.

#### Learning Objectives:

The objective of this workshop will be to provide an overview of IBM BladeCenter and detailed instructions on how to install and set up a BladeCenter chassis and its associated blade servers:

- BladeCenter overview
- Chassis types
- Blade types
- I/O expansion adapters and I/O modules
- Firmware update processes
- Solutions with IBM i

#### Audience:

This workshop is for individuals who want to learn detailed information about IBM BladeCenter, its components and how they are used with solutions involving IBM i.

#### Syllabus:

1. Introduction to IBM BladeCenter
2. IBM i Solutions using BladeCenter
3. BladeCenter Chassis
4. Blade servers
5. Where to order the components
6. Required pieces for IBM i solutions
7. Hardware installation
8. Code update processes

### **Implementing i5/OS and i Security**

**Carol Woodbury, SkyView Partners**

**Wednesday, October 8, 2008**

This workshop will provide the information to understand the fundamentals of security in general and i5/OS security specifically, as well as equip you to implement changes in your workplace. Attendees of all skill levels will benefit from the practical advice and real-life examples of implementing every aspect of i5/OS security.



Audience:

This workshop is designed for anyone interested in a deeper understanding of i5/OS or i security, anyone with a need to implement object level security, security administrators, and auditors.

Syllabus:

1. Laying the Foundation of i5/OS and i security, including access control options, role-based access and security-relevant system values. New V6R1 security features will be included in the discussion.
2. Getting the Most out of your Audit Journal, including generating reports and using the information to debug problems.
3. Integrated File System Security, including securing and auditing tips.
4. Securing Spooled Files.
5. Step by Step Approach to Implementing i5/OS and i security, including
6. tips and techniques for avoiding breakage.
7. Case Study - implementing object level security and changing the security scheme of an application.

**LAB: RPG IV for Beginners**

**Jim Martin**

**Monday, October 6, 2008**

This all-day workshop will cover basic concepts of the free-format style of RPG IV, file descriptions for full function externally described files, and data description specifications. The format will be lecture and lab. The procedures will be done in free format style only.

Learning Objectives:

The objective of this workshop will be to bring a total beginner to a basic level of understanding of free format RPG IV. By the end of the workshop, the student will be able to understand:

- Three RPG specification types
- The full function method of file I/O
- RPG procedure logic, using If, Do while, and Do until
- Four hands-on lab projects, using data files, printing, and screen formats
- Program termination

Audience:

This workshop is designed for programmers who are new to the RPG IV language and want an intensive introduction to this language.

Syllabus:

1. Introduction to RPG IV
2. File Descriptions
3. Data descriptions



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4. Calculations (procedure section)
5. Logical flow in a procedure
6. I/O in a procedure
7. Assignment expressions
8. Ending your program
9. Basic data structures
10. An assortment of various opcodes and built-in functions
11. Lab work (4 possible programs to write)

## **LAB: Getting Started with DB2 Web Query**

**Gene Cobb, IBM Corporation**

**Monday, October 6, 2008**

This session is designed for the developer and database administrator who would like a modern query and reporting tool to deliver timely and quality reports, graphs, and dashboards to meet the reporting requirements of their company. This session introduces, DB2 Web Query for IBM i, the strategic query and reporting tool for the IBM i operating system. The instructor uses lecture, demonstrations, and labs to help attendees understand the capabilities of the new product and the steps and skills necessary to deliver this content back home in their production environment.

### Learning Objectives:

- The attendee will learn how to create metadata and understand the advantages of this abstraction layer.
- The attendee will learn how to take existing Query/400 objects and "webify" them using the DB2 Web Query import tools.
- The attendee will learn how to create reports and graphs using the DB2 Web Query development tools.
- The attendee will learn best practices, several tips and techniques to enhance the implementation, and pitfalls to avoid.

### Audience:

This workshop is designed for programmers and database administrators who understand the query and reporting needs of their company and need a modern tool to deliver those requirements. Attendees should have an understanding of the DB2 for i database and the general database design of their company. Knowledge of SQL is helpful but not required.

### Syllabus:

1. DB2 Web Query demo
2. Metadata
3. Creating reports and graphs using the development tools
4. Modern report output formats such as HTML, Excel spreadsheets, PDF, and Active Reports
5. DB2 Web Query Tips and techniques