

## Tivoli Storage Productivity Center Workshop

This free IBM workshop will introduce customers to the most frequently used functions of the Tivoli Storage Productivity Center (TPC) and System Storage Productivity Center (SSPC) products. This workshop will cover the real world uses of TPC in various situations while connected to a live TPC server on a Storage Area Network (SAN). The presentations and hands-on lab exercises will expose the student to how TPC can be used to address common and elusive storage network issues such as: troubleshooting, planning, notification, and reporting.

The class agenda includes four major sections:

### **Section 1 – Integrated Problem Isolation with TPC**

This section will introduce the attendees on how to use TPC as the focal point to isolate and identify (potential) problems in their SAN. A brief presentation will introduce, demonstrate, and cover the hands-on exercises before the students go through the labs. The focus of this section will be on using the TPC configuration history and the data path explorer tools.

### **Section 2 – Integrated Planning and Implementation with TPC**

This section will introduce the attendees on how to use TPC as the focal point to plan and implement their SAN. A brief presentation will introduce, demonstrate, and cover the hands-on exercises before the students go through the labs. The focus will be on defining storage resource groups, the TPC SAN planner and using TPC to create a VDisk.

### **Section 3 – Integrated Alerting with TPC**

This section will introduce the attendees on how to use TPC as the focal point to be notified about changes or thresholds in their SAN. A brief presentation will introduce, demonstrate, and cover the hands-on exercise before the students go through the labs. The focus will be on TPC file system quotas and identifying large duplicate files.

### **Section 4 – Integrated storage performance reporting, identification of areas of concern and resolution with TPC**

This section will introduce the attendees on how to use TPC to report on storage performance, identify areas of concern and make recommendations on how to optimize storage performance. A brief presentation will introduce, demonstrate, and cover the hands-on exercises before the students go through the labs. The focus will be on using TPC to identify performance problems and their resolution, and using the TPC Storage Optimizer tool.

## Agenda (approximate)

- 9:00 – 9:15 Welcome and Introductions
- 9:15 – 10:15 Introduction to TPC
- 10:15 – 10:30 Break
- 10:30 – 11:45 Lab Exercises
  - Integrated Problem Isolation exercises with TPC (Exercises 1 – 2)
  - Integrated Planning and Implementation with TPC (Exercises 3 – 5)
- 11:45 – 1:00 Lunch
  - “10 Things for the new TPC Administrator to do to make TPC more valuable”
  - TPC performance management tools demo
  - Demo of using the Microsoft Query tool
- 1:00 – 3:00 Lab Exercises
  - Integrated Alerting with TPC (Exercises 6 – 7)
  - Integrated storage performance reporting, identification of areas of concern and resolution (Exercises 8 - 10)
  - ----Break----
  - Using TPC to assess candidates for Thin-Provisioning (Exercise 11)
  - Working with VMWare ESX support (Exercise 12)
  - Working with Integrated SAN Configuration Analysis (Lab 13)
- 3:00 – 3:15 Questions / Wrap Up

**Scheduled 2010 classes (as of 02/17/10) and enrollment contacts are below. Breakfast and lunch are provided. *If an attendee has food allergies or desires vegetarian fare please let us know. (To schedule other classes contact Dominic Pruitt/Tucson/IBM)***

03/18	Gaithersburg, MD	Contact: Chris Newman/Gaithersburg/Contr/IBM
03/25	Dallas, TX	Contact: Chris Newman/Gaithersburg/Contr/IBM
04/01	Atlanta, GA	Contact: Chris Newman/Gaithersburg/Contr/IBM
-		
04/15	Denver, CO	Contact: Chris Newman/Gaithersburg/Contr/IBM
04/22	Chicago, IL	Contact: Chris Newman/Gaithersburg/Contr/IBM