Configuration and Management of the HP StorageWorks Enterprise Virtual Array

John Grundhoefer, Bob Henry, Mark Schell

Hewlett-Packard

Introduction

This seminar is designed to teach the participant how to set up and manage the HP StorageWorks Enterprise Virtual Array (EVA) fibre channel storage array controllers in a heterogeneous Storage Area Network (SAN) environment.

Who Are We?

- John Grundhoefer
  - Enterprise Storage Consultant
  - Advanced Technology Engineering - Southeast Region
  - Hewlett Packard, Atlanta, GA
  - Joined Digital Equipment Corporation in July 1979
  - D.E.C. Field Service Support Engineer
  - D.E.C. Educational Services Consultant
  - Microsoft Certified Trainer (MCT)
  - Microsoft Certified Systems Engineer (MSCE)
  - Enterprise Storage Consultant - StorageWorks Product Group – **Digital, Compaq, HP**
  - john.grundhoefer@hp.com

Who Are We?

- Bob Henry
  - Enterprise Storage Consutant
  - Advanced Technology Engineering - Southeast Region
  - StorageWorks Product Group
  - Hewlett Packard
  - St Petersburg, FL
  - Microsoft Certified Systems Engineer
  - Compaq Accredited Systems Engineer
  - bob.henry@hp.com
  - 727-906-3364

Who Are We?

- Mark Schell
  - Enterprise Storage Consultant
  - Advanced Technology Engineering - Southeast Region
  - Hewlett Packard, Kernersville, NC
  - Joined Digital Equipment Corporation in March 1983
  - Digital Consultant
  - Digital Support Engineer
  - Microsoft Certified Systems Engineer
  - Enterprise Storage Consultant - StorageWorks Product Group
  - mark.schell@hp.com

Seminar Goals:

Install, configure, and manage the HP StorageWorks Enterprise Virtual Array (EVA), fibre channel storage controllers.

Understand how to configure a heterogeneous Storage Area Network using StorageWorks array controllers and associated hardware and software.

Understand how to manage StorageWorks array controllers in a heterogeneous SAN environment using HP software products.

Non-Goals:

Internals of Hardware or Software Systems

Performance Tuning

HSG80, HSZ20/22/40/50/80, HSJx, HSCx, HSDx, RA2xx, RA4000/4100, Smart Arrays

Competitive Analysis

Topics:

- Overview of Fibre Channel SANs
- Secure Path
- Enterprise Virtual Array Overview
- EVA Setup and Configuration
- EVA Management and Value Added Software
- EVA Best Practices