

### Course Description

#### OUR GOAL

The goal of Marathon's everRun training is to provide educational services to our Partners and End Users, that they may master our industry leading solutions for fault tolerance and high availability needs.

#### INTENDED AUDIENCE

- This course is recommended for all members of your "High Availability" implementation team, including System Administrators, IT Managers, functional experts and technical support personnel.

#### DURATION: 1 DAY

#### INSTRUCTION TIME:

9:00 am – 5:00 pm

#### EQUIPMENT:

All equipment is provided Marathon Technologies. Equipment includes, but is not limited to, eight Host Servers, four Clients, eight monitors, cables, switches and technical accessories.

#### INSTRUCTOR-LED CLASSROOM TRAINING

Our classroom setup models the real world everRun environment. Our certified instructors teach you how to install, configure, and maintain your everRun deployment. Currently, courses are designed to accommodate groups of 8 or fewer attendees and can be performed in our classroom or at your site worldwide.

#### OVERVIEW

This intensive, extended-hours classroom course is an ideal way to launch your everRun implementation, and will create a solid foundation for your implementation decisions. Through interactive discussions and hands-on exercises, a certified and experienced instructor will guide participants in installing and configuring the fundamental components of the everRun environment, as well as review common troubleshooting scenarios.

#### COURSE OBJECTIVES

At the end of the course, you will be able to:

- Understand Marathon virtualization concepts.
- Describe hardware and software requirements for the everRun environment.
- Detail redirection concepts, including network and storage redirection.
- Plan, install and configure an everRun environment.
- Identify common troubleshooting issues and provide appropriate support for these.
- Plan and execute system upgrades.
- Use Marathon utilities to monitor and manage your everRun environment.

#### PREREQUISITES

Registration for this course assumes that the student has

- a working knowledge of Intel and AMD server hardware
- Citrix XenServer installation and configuration experience required
- Microsoft Windows Server 2003 system administration experience
- Significant and current network and application configuration and troubleshooting experience

## **everRun Functionality**

### **everRun Requirements**

- Hardware
- Software

### **System Architecture**

#### **Redirection**

- Networks
- Storage

#### **Networking**

- NIC Card Roles
- NIC Bonding
- Management Networking

#### **Storage**

- Storage Architecture
- Configuring for Performance
- Mirror Copy

#### **Utilities**

- everRun eAC
- Citrix XenCenter
- CLI
- Log Harvest

## **Preparation for Installation of everRun**

- Pre-Installation Requirements
- Create VM's

### **everRun environment installation**

- XenServer Hosts
- everRun Installation
- Protect VM

### **Upgrades and Hotfixes**

- Upgrading everRun
- Applying Hotfixes
- Windows Updates
- Applying Service Packs

### **Troubleshooting Scenarios**

- Troubleshooting
- Event Log Analysis
- Remote Support with Marathon