

# Course 6437A

## Designing a Windows Server 2008 Applications Infrastructure

### **Module 1: Designing IIS Web Farms**

The students will learn the process of designing IIS Web Farms with Windows Server 2008 and IIS 7. They will learn how to select the appropriate hardware and software platforms. They will learn techniques to leverage Web Farm Availability and Scalability. They will also learn how to select the proper content storage.

### **Module 2: Optimizing IIS Performance and Stability**

The students will learn about optimizing IIS performance and stability.

### **Module 3: Designing IIS Security**

In this module, the students will learn to establish and maintain very tight security using Microsoft

### **Module 4: Design IIS Maintenance and UDDI**

The students will learn how to plan for an IIS installation, taking into account these new features. They will also learn how to deploy UDDI services.

### **Module 5: Designing a Terminal Services Infrastructure**

The students will learn how to design a terminal services infrastructure including how to design a terminal services licensing strategy and how to design for remote access with TS Gateways, TS Session Broker, RemoteApp programs, and TS Web Access.

### **Module 6: Designing a Terminal Services Maintenance Strategy**

The students will be introduced to design and implementation planning using Windows System Resource Manager (WSRM) policies for application resource and reporting. The students will also learn about group policy settings for terminal servers and how to design high availability for terminal services. Finally, the students will learn to specify monitoring, maintenance, and recovery requirements and procedures for terminal services.

### **Module 7: Design Windows Media Services Infrastructure Administration**

The students will learn about designing Windows Media Services in Windows Server 2008. They will become familiarized with live and on-demand content delivery.

### **Module 8: Design Virtualization Infrastructure**

The students will implement virtualization to consolidate servers, deploy branch office infrastructure servers, support legacy applications, and create a test environment.

### **Module 9: Designing Virtualization Provisioning**

The students will learn how to determine virtualization appropriateness and virtual server provisioning. The students will also learn the importance of customizing virtual servers to standard configurations and also learn about virtual server deployment.