# BREWSTER TECHNOLOGY
## COMPUTER TRAINING & SERVICE
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## What's in Implementing an Advanced Server Infrastructure (70-414):

The course provides skills and knowledge necessary to design, implement, and maintain a Windows Server 2012 infrastructure in an enterprise scaled, highly virtualized environment. After completing this course, students will be able to plan, configure, and manage the Windows Server 2012 services, such as identity and access, high availability, and the server infrastructure on an advanced level.

## Target Audience:

Individuals looking to take the Microsoft 70-414 examination as well as those aspiring to become server administrators and network specialists with the skills and knowledge necessary for designing, deploying, and maintaining services and infrastructure in a Windows Server 2012 environment.

## Prerequisites:

Intermediate computer skills and an understanding of network management and server administration.

## Duration:

35 hours

## Topics Covered:

**Manage and Maintain a Server Infrastructure**
• Design an administrative model.
• Design a monitoring strategy.
• Design an updates infrastructure.
• Implement automated remediation.

**Plan and Implement a Highly Available Enterprise Infrastructure**
• Plan and implement failover clustering.
• Plan and implement highly available network services.
• Plan and implement highly available storage solutions.
• Plan and implement highly available server roles.
• Plan and implement a business continuity and disaster recovery solution.

**Plan and Implement a Server Virtualization Infrastructure**
• Plan and implement virtualization hosts.
• Plan and implement virtualization guests.
• Plan and implement virtualization networking.
• Plan and implement virtualization storage.
• Plan and implement virtual guest movement.
• Manage and maintain a server virtualization infrastructure.

**Design and Implement Identity and Access Solutions**
• Design a Certificate Services infrastructure.
• Implement and manage a Certificate Services infrastructure.
• Implement and manage certificates.
• Design and implement a federated identity solution.
• Design and implement Active Directory Rights Management Services (AD RMS)