

The GeoCluster Solution ► eLearning Course Description

The goal of this course is to provide you with a fundamental knowledge of Microsoft Cluster Server (MSCS) components and the GeoCluster application. This course is divided into five parts.

1. After completing Part 1, you will be able to define key MSCS terms and components such as node, cluster, quorum, majority node set, arbitration, resources, and resource groups.
 2. In Part 2, you will examine different quorum and cluster types, such as majority node set and network load balancing clusters.
 3. In Part 3, you will learn how GeoCluster is built on Double-Take replication technology for data protection.
 4. After completing Part 4, you will be able to define and apply key best practices for your GeoCluster solution.
 5. In Part 5, you will have an opportunity to build a two-node GeoCluster for protecting Microsoft Exchange 2003 in an interactive simulation.
- ◆ You will build a “Target” cluster from the ground up. This will provide you with an understanding of how GeoCluster requires an active cluster on which it can be installed, in order to provide its own GeoCluster resources to the Microsoft cluster service.
 - ◆ After the Target cluster is configured, you will install GeoCluster on each node. During this process, you will learn how to specify the GeoCluster Replicated Disk Resource as the quorum for the cluster.
 - ◆ After installing GeoCluster, you will install and configure Microsoft Exchange 2003.
 - ◆ An informal, ungraded quiz at the end of the course will reinforce key concepts.