



**Course 40528-G: Microsoft Cloud
Workshop: Business continuity and disaster
recovery**

COURSE OVERVIEW



Course Modality

Classroom
+ hands-on labs



Course Time

1 day



Course Level

Advanced



Course Language

English

In this workshop, the student will gain experience designing solutions using Azure business continuity and disaster recovery (BCDR) technologies. Three different types of environments will be examined. The first will consist of on-premises VMs running applications that will be migrated to Azure IaaS. Next, Azure IaaS applications that need to be failed over from either on-premises to Azure or between two Azure Regions. Finally, the use of automated failover technologies built into Azure PaaS services App Service and SQL Database will be used for PaaS applications.

Intended Audience:

- ✓ This workshop is intended for Cloud Architects and IT professionals who have architectural expertise of infrastructure and solutions design in cloud technologies and want to learn more about Azure and Azure services as described in the 'About this Course' and 'At Course Completion' areas. Those attending this workshop should also be experienced in other non-Microsoft cloud technologies, meet the course prerequisites, and want to cross-train on Azure.

Skill Covered:

- ✓ At the end of this workshop, you will be better able to leverage various Azure technologies together to build a complex and robust IaaS BCDR plan.

COURSE CURRICULUM

Module 1:

Whiteboard Design Session - Business continuity and disaster recovery

Lessons

- ✓ Review the customer case study
- ✓ Design a proof of concept solution
- ✓ Present the solution

Module 2:

Hands-on lab - Business continuity and disaster recovery

Lessons

- ✓ Deploy Azure environments
- ✓ Configure BCDR services
- ✓ Configure environments for failover
- ✓ Simulate failovers Using Compliance Tools (Azure Policy, Secure Score and Compliance Manager)