

# Microsoft Cloud Workshop: SQL Server Hybrid Cloud



## Length

- 1/2 day

## Prerequisites

- Workshop content presumes 300-level of architectural expertise of infrastructure and solutions design.
- Microsoft Azure Essentials course, available at <https://www.microsoft.com/en-US/azureessentials>

## Audience

- Cloud Architects and IT Professionals who have architectural expertise of infrastructure and solutions design in cloud technologies

## What You'll Learn

- How to design a SQL Server scale-out solution
- Protecting database backups from local failures
- Archiving cold data from an on-premises SQL Server
- How to perform end-to-end encryption on sensitive application data

Design a hybrid cloud disaster recovery solution for a media publishing company, handling large spikes in load, strengthening security to include encryption of PCI data, and implementing an archival strategy to keep databases sizes in check.

## Workshop Outline

### Module 1: Whiteboard Design – SQL Server Hybrid Cloud

- Review the customer case study
- Call to action: Design a proof of concept solution
- Call to action: Present the solution