



Landing Zones and Networking in Microsoft Azure

HIGHLIGHTS

- **Insights into Azure Landing Zones:** Understand key components to design efficient cloud environments.
- **Hands-On Hub and Spoke Networking:** Build practical skills through lab exercises to master Azure Landing Zone setups.
- **Learn Secure and Scalable Design:** Adopt best practices for robust Azure infrastructures.
- **Deploy Azure Landing Zones:** Gain hands-on experience in real-time deployment labs.
- **Tailored Design Sessions:** Explore strategies for Azure Landing Zones and hub and spoke networking requirements.

ABOUT DAYMARK

Daymark Solutions excels in creating sophisticated technology solutions, specializing in addressing complex business challenges through expertly designed systems. Their highly skilled architects are adept at crafting well-architected solutions that seamlessly integrate cloud and data center technologies. By combining these technologies, they create robust, scalable and secure systems tailored to meet their clients' unique needs.

Fast track your journey to the cloud with Microsoft Azure Landing Zones.

OVERVIEW

Organizations are increasingly prioritizing standardization, agility, security, and operational excellence. Azure Landing Zones address these needs by providing pre-configured environments that streamline infrastructure planning and deployment. As workloads grow and demand for flexibility rises, these scalable solutions enable IT teams to efficiently expand resources.

This workshop provides foundational concepts and best practices for setting up scalable, secure, and well-governed Azure environments. Participants will examine two critical components of a well-architected Azure infrastructure: deploying an Azure Landing Zone and implementing hub and spoke networking architecture. This workshop combines hands-on exercises, design sessions, and a detailed review of a hypothetical Azure environment to ensure participants are equipped to design and deploy scalable, secure, and compliant Azure environments. Participants will gain a comprehensive understanding of Azure Landing Zones, exploring their purpose, core components (such as governance, security, identity, networking, and management), and best practices for creating and implementing Azure Landing Zones.

LEARNING OBJECTIVES

At the completion of the engagement, participants will:

- Understand the purpose, structure, and benefits of an Azure Landing Zone within a well-architected Azure environment.
- Acquire hands-on experience deploying Azure Landing Zones and configuring key components for security and compliance.
- Learn to design and implement hub and spoke networking architectures, including VNets, NSGs, and Azure Route Tables.

AGENDA

Session 1: Azure Landing Zone Review & Deployment.

- **Objective:** Gain insights into optimizing Azure environments and establish a secure, scalable Azure Landing Zone foundation.
- **Activities:**
 - Review infrastructure to identify gaps and areas for improvement.
 - Define session objectives based on the current environment's state.
 - Understand key components (governance, security, networking) and best practices.
 - Deploy a Landing Zone, set up management groups, policies, RBAC, and monitoring.

Session 2: Hub & Spoke Networking Deployment.

- **Objective:** Understand and deploy a hub and spoke network architecture optimized for security and performance.
- **Activities:**
 - Understand how networking fits into a Landing Zone.
 - Explore hub and spoke model benefits, VNets, NSGs, and Azure Bastion.
 - Configure Hub VNet, Spoke VNets, peering, Azure Bastion, and routing.
 - Discuss optimal configurations and finalize a draft network architecture plan.

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