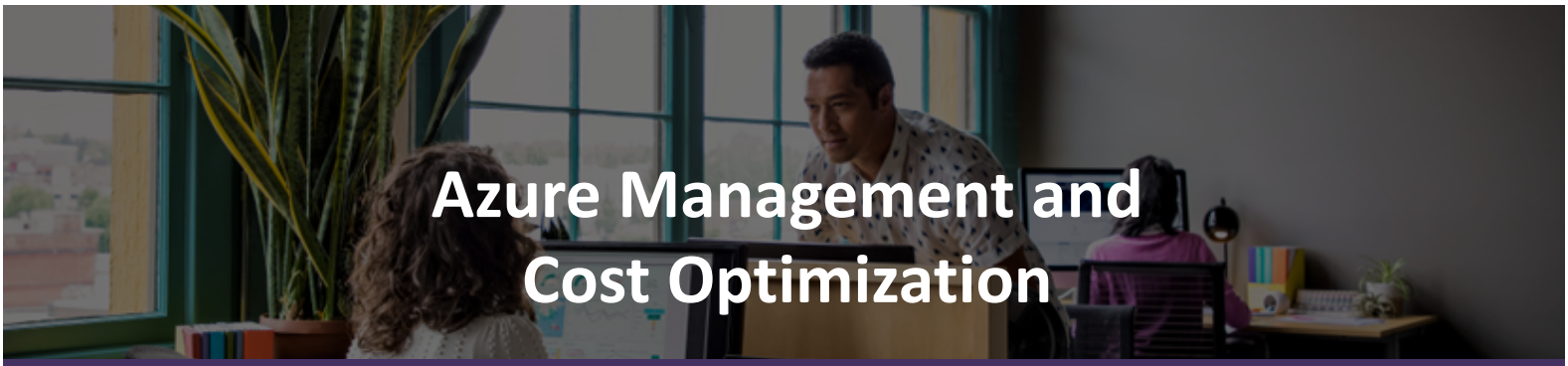


Azure Management and Cost Optimization

Proactive Operations Program

Duration: 2 Days | **Focus Area:** Operations and Monitoring

As enterprise increase their cloud investments, efficient spending is becoming both crucial and an integrated part of day-to-day operations. Governing cloud infrastructure at scale requires solutions that enable you to capture and drive management while controlling and cloud costs.

During this hands-on technical engagement, you will learn cost management best practices (such as tools, scripts, and policies) for managing and optimizing all aspects of services and applications in your Azure environment.

OUTCOMES

Our Microsoft Premier Field Engineering (PFE) will demonstrate and walk you through (technical hands-on) the services and available tools for controlling your organization cloud spends, based on best practices from the field.

Best Practices

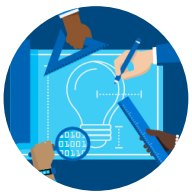
Knowledge transfer around services and features to best maintain, and control Azure spends across subscriptions

Drive Improvement

Confidently control and optimize your organizational cloud resources spends and healthy growth

DELIVERABLES

The Azure Management and Cost Optimization proactive delivery is built on the 3-Os methodology for managing your organization cloud resources and spends in an efficient way:



ORGANIZE

With deep expertise in Azure, we provide best practices for governance and scaffolding for better visibility of spends

OPTIMIZE

Microsoft PFE aim to provide guidance and framework for cloud spends optimization

OPERATE

Microsoft uses proven practices, methodology, and built-in tools to manage your organization cloud resources

PREREQUISITES

This proactive delivery is designed for Microsoft Azure professionals interested in learning best practices to manage their environment starting from management principals and guidance, to recommended operational tasks for optimization

Recommended Qualifications

- Experience with Azure management portal
- Background in Azure compute services
- PowerShell / scripting

Requirements

- Administration account for both Azure EA (enterprise agreement) portal and Azure subscriptions
- Windows client machine with internet access and Office applications

BENEFITS

01 Expert Guidance

Walkthrough with Microsoft PFE on built-in tools, scripts, services and other best practices from the field

02 Deep Understanding

Gain technical skills and better understanding to manage your Azure cloud environment

03 Increased Confidence

Confidentially consume and grow your cloud footprint to address current and upcoming business needs

AGENDA

Module 1 - Organize
- Azure Scaffold
- Define your hierarchy (Enrollment, Department, Account, Subscription)
- Subscription Types
- Management Groups
- Resource Groups and Resource Locks
- Azure Policy and Blueprint
- Tags

Module 2 - Optimize
- Choosing right (Virtual Machines, Storage Types, IaaS vs. PaaS)
- Hybrid Benefit
- Azure Hybrid Benefit for SQL Server
- Windows Server 2008/SQL Server 2008 on Azure
- Reservations (VMs, Azure SQL, Cosmos DB)
- Virtual Machine and Storage Optimization
- Orphaned Objects (Disks, Storage Logs, Network Interfaces)
- Azure Advisor

Module 3 - Operate
- Azure Cost Management
- Cost Management by Cloudyn
- EA Portal
- Policies (Shutdown, Alerts/Monitoring, Allowed SKUs, Limit Storage Types, Deallocate VMs, Lifecycle Management)
- Service Management (Service Health, Azure Mobile App, Azure Status)

Module 4 - Executive Summary
- Open discussion and action items to perform

* This engagement intent is providing proactive assistance and best practices guidance. Cost changes may vary based on customer's decisions and actions

** If you are interested in Azure Management and Cost Optimization service for your organization, please contact your Henson Group representative.