

# WorkshopPLUS - Azure Arc



## WorkshopPLUS

**Duration:** 1 or 2 Days [ Remote | Onsite ]

**Difficulty Level:** 300 - Advanced

### Description

This offering is designed to explore the adoption of a hybrid and multicloud strategy with Azure Arc. You'll learn to extend your on-premises infrastructure and cloud service providers into Azure, centralize management, and enhance security and monitoring. Discover the unified management interface for Windows and Linux servers to streamline your operations. Prepare your infrastructure for transition and modernization with Azure Arc, facilitating your migration plan and cloud services adoption.

### Objectives

- Establish basic level of proficiency in Azure Arc technologies.
- Gain hands-on experience in Azure Arc technology.
- Gain insights on applying Azure native services for Arc-enabled assets, including:
  - Security and Governance.
  - Management.
  - Monitoring, and Automation.

### Outcomes

- Realize the value of Azure Arc and Azure services integration.
- Learn design considerations to onboard non-Azure infrastructure.
- Know how to onboard infrastructure assets to Azure with Azure Arc.
- Establish a readiness level across ITOps teams on Azure Arc.

### Methodology

#### Learn by example

Participate in group discussions and learn from presentations and demonstrations.

#### Ramp-up

Learn the key concepts and principles of solution architecture.

#### Hands-on

Experience and learn with hands-on labs in a controlled environment.

### Delivery Options

#### Open enrollment delivery

Please see the agenda on the next page for full details.

#### Closed delivery

- A scoping call will be set up prior to the workshop delivery to customize the agenda and select the most relevant Modules.
- The agenda will be built leveraging the expected duration of the modules to ensure they fit within the two days of delivery. (Check table above)
- Note - The first two labs must be carried out before attempting any other labs.

Please see the agenda on the next page for full details.

### Requirements

#### Participants

- IT Professionals
- System Administrators
- Cloud Architect

#### Time Commitment

1 or 2 full-day engagement.

#### Skill Requirements

- Fundamentals of Azure Infrastructure
- Understanding of Windows and Linux Server knowledge

# Delivery outline

## Agenda - Open Workshops

1 Day Agenda (No hands on experience)	2 Days Agenda (With Hands on experience)
<ul style="list-style-type: none"><li>• Introduction to Azure Arc.</li><li>• Onboarding Windows and Linux Servers.</li><li>• Keep your Azure Arc-enabled servers patched using Azure Update Manager.</li><li>• Enroll your Windows Server 2012/ R2 machines for Extended Security Updates with Azure Arc.</li><li>• Securing Azure Arc-enabled servers with Microsoft Defender for Cloud.</li><li>• Connect a SQL Server to Azure Arc.</li></ul>	<ul style="list-style-type: none"><li>• Introduction: Azure Arc-enabled servers Overview.</li><li>• Onboarding Windows and Linux Servers to Azure Arc.</li><li>• Securing Azure Arc-enabled servers with Microsoft Defender for Cloud.</li><li>• Governance across Azure Arc-enabled servers using Azure Policy and Azure Machine Configuration.</li><li>• Monitor your Azure Arc-enabled servers using Azure Monitor, Change Tracking and Inventory.</li><li>• Keep your Azure Arc-enabled servers patched using Azure Update Manager.</li><li>• Enroll your Windows Server 2012/ R2 machines for Extended Security Updates with Azure Arc.</li></ul>

## Agenda - Closed Workshops

1 Day Agenda (No hands on experience)	2 Days Agenda (With Hands on experience)
Select up to 5 Modules	Select up to 10 Modules

## Closed Workshop Modules

- Introduction: Azure Arc-enabled servers Overview. (60 minutes)
- Lab environment deployment - **must be carried out in hands on experience option.** (90 minutes)
- Onboarding Windows and Linux Servers to Azure Arc - **must be carried out in hands on experience option.** (90 minutes)
- Securing Azure Arc-enabled servers with Microsoft Defender for Cloud. (90 minutes)
- Governance across Azure Arc-enabled servers using Azure Policy and Azure Machine Configuration. (90 minutes)
- Monitor your Azure Arc-enabled servers using Azure Monitor, Change Tracking and Inventory. (90 minutes)
- Gain security insights from your Arc-enabled servers using Microsoft Sentinel. (60 minutes)
- Keep your Azure Arc-enabled servers patched using Azure Update Manager. (90 minutes)
- Enroll your Windows Server 2012/ R2 machines for Extended Security Updates with Azure Arc. (60 minutes)
- Learn about Windows Admin Center single pane of glass management. (60 minutes)
- Query and inventory your Azure Arc-enabled servers using Azure Resource Graph. (60 minutes)
- Additional automation capabilities for your Azure Arc-enabled servers. (90 minutes)

### Arc-enabled SQL Server modules

- Connect a SQL Server to Azure Arc. (60 minutes)
- Connect SQL Servers to Azure ARC using offline MSI installer. (60 minutes)
- Get insights on your Arc-enabled SQL Servers and Databases using the Azure Resource Graph. (30 minutes)
- Enable and run SQL Server Best Practices Assessment. (90 minutes)
- Protect your Arc-enabled SQL Server with Microsoft Defender for Cloud. (90 minutes)
- Select the optimal Azure SQL target using Migration Assessment. (60 minutes)

***If you are interested in this engagement for your organization, contact your Microsoft Account Representative.***