

Azure Arc Workshop

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Introduction

The Azure Arc workshop harnesses the power of cloud-native resource management to your on-premises data centres and edge while also meticulously unifying all multi and hybrid cloud resources into a single pane of glass.

It is committed to delivering robust and innovative Azure Cloud Management Services to any location, enabling a step-up in secure and reliable operations, and providing your application teams the speed and flexibility they need.



Customer Pain Points

Azure Arc aims at focusing on the pain areas, thereby providing you with effective solutions for business needs.

•Challenges in scaling resources

Enables in scaling and deploying resources seamlessly across various environments.

•Inconsistency in operations

Seeks to achieve consistent management in operations and configurations across multi-cloud, edge environments

•Lack of resource management

Provides unified control pane, allowing customers to manage resources centrally from Azure portal.



•Complexity in edge computing

Extends Azure services to the edge, simplifying edge device management and deployment.

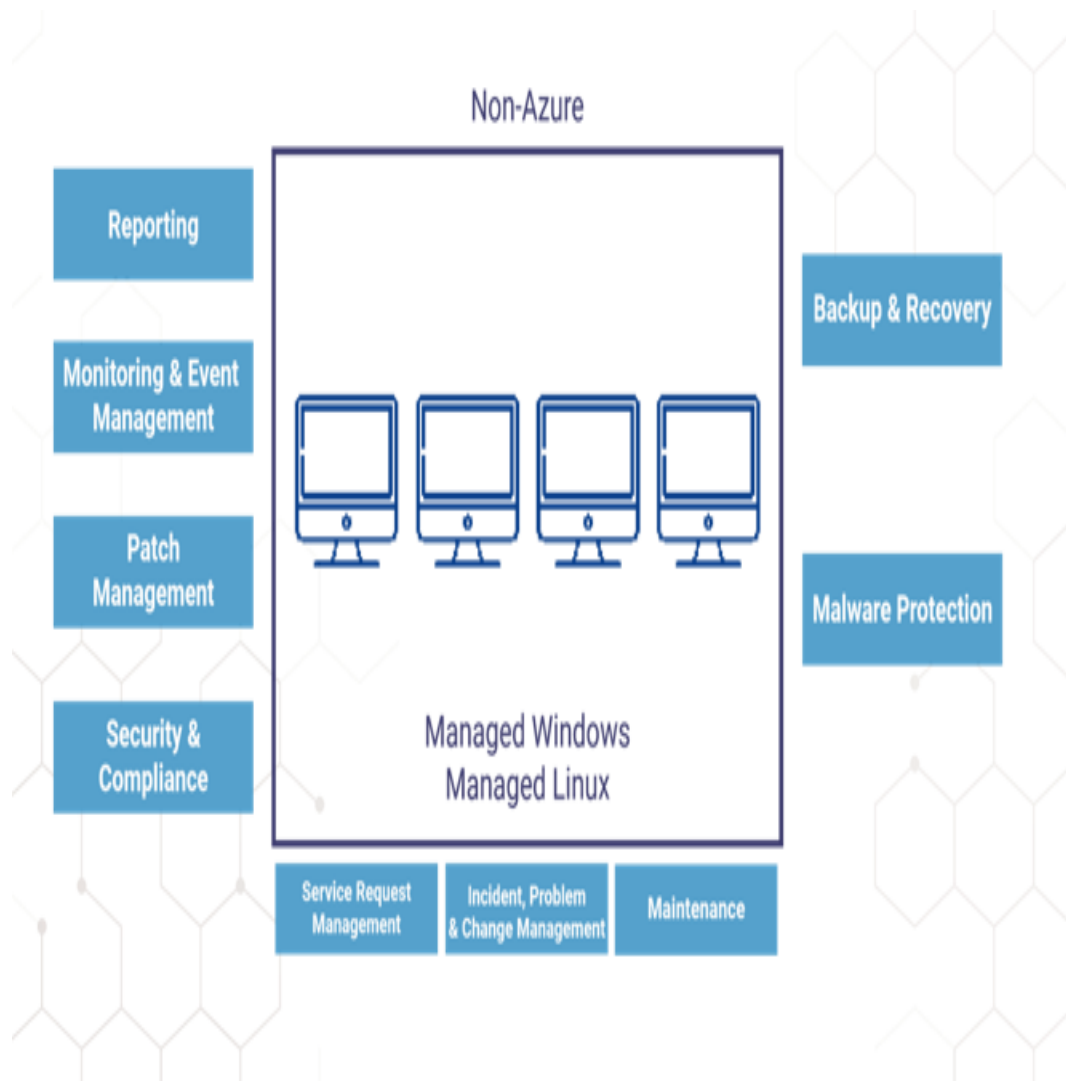
•Challenges in application modernization

Supports application modernization by enabling the deployment of cloud-native services to any infrastructure.

•Vendor lock-in concerns

Provides flexible multi-cloud approach, allowing workloads to run on various cloud platforms or on-premises.

Workshop Agenda



Day – 1 Discovery Session

- Introduction and expectations
- Clarifying the objective
- Scope Definition
- Requirements gathering
- Digital Estate Inventory

Workshop Agenda

Day – 2 Exploration Session

- Azure Arc overview
- Implementing Azure Arc
- Leveraging the power of cloud automation
- Gaining deep Insight with log analytics
- Exercising Governance with Azure Policies
- Securing Workloads with the Security Center and Microsoft Antimalware
- Protecting your data with Azure Backup
- Leverage Cloud-Native Management with Azure Resource Manager
- Connecting your multi-cloud, on-premises and edge

Day – 3 Solution Session

- Objective, Scope and Requirement Validation
- Azure Arc Solution Overview
- Implementation Guidance and Next Steps
- Deliverables:
 - Documentation
 - Architecture Vision,
 - Solution Outline and
 - Advisory on the next steps

Unleash the full Potential of Azure Arc Workshop

With the use of proven methodologies, the Noventiq team resorts to providing comprehensive solution for your business



- **Implementing Azure Arc:** through diligently created runbooks and using agile sprints for on-boarding your hybrid machines into Azure Arc.
- **Gaining deep insights with log analytics:** that aims at providing single pane of glass for reporting and alerting on your machine's data.
- **Leveraging the power of cloud automation:** the Custom Script Extension enables large scale script execution, thus enabling automation of many standard tasks.
- **Exercising Governance with Azure Policies:** Azure Policies allows you to monitor the compliance of hybrid machines (through Azure Arc), and auto-remediate any non-compliant machines.
- **Securing your workloads:** Harness the power of Azure Security Center that enhances security posture, and Microsoft Antimalware that provides robust protection against cyber-attacks with Advanced Threat Protection.
- **Leveraging cloud-native management:** Integrating hybrid machines into the Azure Resource Manager through Azure Arc opens new possibilities for managing your resources in a cloud-native way.

Azure Arc Workshop Offering

What are the prerequisites of the workshop?



- An active Azure subscription to participate in the workshop.
- Access to servers running supported operating system for Azure Arc.
- Access to Azure portal with necessary permissions to deploy and manage resources.
- Understanding and knowledge of virtualization, networking, and basic Azure services.

Azure Arc Workshop Offering

Frequently Asked Questions

1. What is the Azure Arc and how does it extend Azure services to on-premises and multicloud environments?

The Azure Arc is a service that extends Azure management capabilities to on-premises, multicloud, and edge environments. It allows you to use Azure services to manage and govern resources outside of Azure.

2. What are the key benefits of using Azure Arc for managing resources across different environments?

Azure Arc provides a unified management experience, enabling consistent operations, security, and governance across on-premises, multicloud, and edge environments.

3. What level of support and monitoring capabilities does Azure Arc provide for resources deployed in different environments?

Azure Arc offers robust support and monitoring capabilities, including Azure Monitor Integration, enabling you to gain insights into the performance and health of resources across different environments.

4. How does Azure Arc address challenges related to multicloud management and hybrid environments?

The Azure Arc enables you to use Azure services to manage resources efficiently across on-premises, Azure, and other cloud providers, offering a consistent approach to hybrid and multicloud scenarios.

5. How long does the workshop take place?

The duration of the workshop is 3 days wherein Day 1 covers overview & workload assessment, Day 2 involves Deep dive into Azure Arc overview, and Day 3 involves implementation overview.

Thank You!

