

# Azure Arc Implementation Deck

**(Dr) Shahrukh Khan**

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## Introduction

Azure Arc resorts to ushering in trailblazing approach by focusing on the cloud-first hybrid system effectively. Meticulously designed to provide a unified method for management of resources over multifarious infrastructures.

It helps in deployment of application seamlessly on various environments for faster and easy revamping catering to your business requirements.



# Customer Pain Points

Azure Arc Implementation service aims at targeting these pain area, thereby providing avant-garde solutions for growth of business.

## Inefficiency in SQL management:

Aims at leveraging SQL native Azure features that can overcome the inefficiency.

## Lack of KQL query knowledge:

Focused on creation of KQL queries for generating utilization metrics to have a holistic dashboard view.

## Complexity in creating dashboard:

Effectively integrating the utilization matrices into PowerBI dashboard by using innovative methods.



## Challenges in compliance for End of Support Windows 2012:

Via Azure Arc, we meticulously enable the ESU. It will be a pay-as-you-go model rather than upfront.

## Challenges in integrating with existing systems:

Effectively ensures the seamless communication and compatibility with various platforms smoothly.

## Operational inefficiencies:

Optimizes different operational process by streamlining management tasks across various environments, decreasing mutual efforts.

# Azure Arc Implementation offer

Noventiq has skilled engineers who onboards all EOL/EOS servers to Azure Arc as well as implement the ESU to all the onboarded and eligible servers.

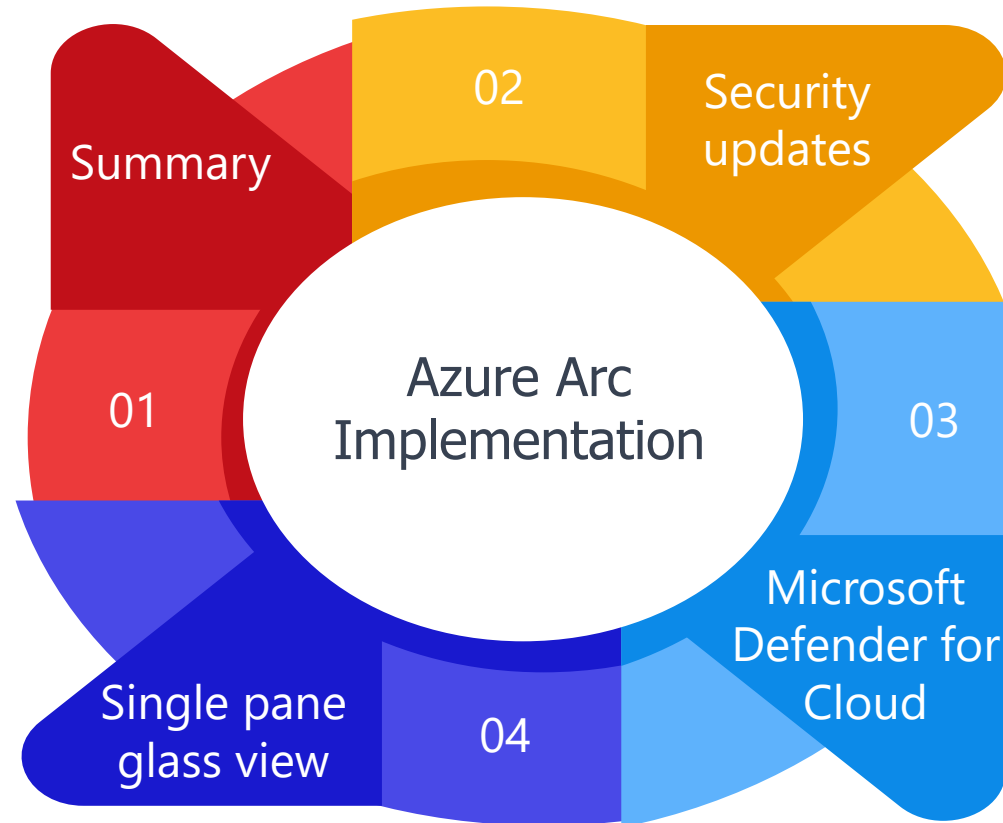
- **Step 1: Assessment of current environment:** Evaluating existing on-premises , multi-cloud, edge environments to grasp the requirements for Azure Arc implementation
- **Step 2: Connectivity setup:** Establishing secure connectivity between on-premises, multi-cloud, or edge environments and Azure, ensuring proper network configurations.
- **Step 3: Generation of script for onboarding servers:** This is an automation for onboarding multiple servers at once using AD policy or SCCM client.
- **Step 4: Azure Arc Extension Deployment** using script generated in step 3: It enables additional functionality & services on on-premises or edge resources, extending capabilities beyond infrastructure management.
- **Step 5: Creating Azure Policies for onboarded on-prem servers to automate the enabling of required Azure Arc features:** Enabling ESU (for EOL/EOS servers), monitoring parameters, custom dashboard.
- **Step 6: For SQL servers:** We can have the ESU enabled by installing the SQL extension, we can leverage the Azure capabilities of SQL best practice assessment and SQL monitoring feature.

# Azure Arc Implementation offer

What do customers receive by implementation of Azure Arc?

- Summary of the complete service that helps decision makers to make informed decisions.

- Single pane of glass view for all on-prem/ non-Azure resources



- Thorough evaluation against Extended security updates for EOL/EOS instances to remain compliant.

- Integration with Microsoft Defender for Cloud for endpoint protection.

# Azure Arc Implementation offer

What are the prerequisites of the implementation?



- Necessary network configurations must be in place to facilitate communication with Azure services.
- Azure Connected Machine onboarding or the contributor role needed for the resource group.
- An active Azure subscription is mandatory.
- Azure Active Directory integration is required to manage access control effectively.

# Azure Arc Implementation offer

## Frequently Asked Questions.

### **1. What is the Azure Arc implementation, and how does it benefit my organization?**

Azure Arc implementation extends Azure services to on-premises and multi-cloud environments, providing unified management and governance.

### **2. What types of workloads and environments does Azure Arc implementation support?**

Azure Arc implementation has a wide range of workloads, including virtual machines, Kubernetes clusters, and data services across on-premises, edge, and multi-cloud environments.

### **3. How does Azure Arc implementation integrate with our existing on-premises infrastructure and cloud resources?**

Azure Arc implementation integrates seamlessly through the Azure portal, enabling centralized management and governance of resources across environments.

### **4. What security measures are in place for Azure Arc implementation, and how is data protection ensured?**

Azure Arc follows Azure's robust security protocols, including role-based access control (RBAC), encryption, and compliance certifications.

### **5. What is the duration of Azure Arc implementation?**

It will take approximately 2 weeks for smaller number of workloads, approximately 3-4 weeks for larger number of workloads. (Terms & Condition: it depends on the count of workload and technical feasibility).

Thank You!

