Azure Fabric Implementation (Proof-Of-Concept)

(Dr) Shahrukh Khan

February'24

Introduction

Azure Fabric helps you to manage the data, thereby bringing transformation from being loaded with data to being decision-driven using the data.

Experience the power of Azure Fabric first-hand with our free Proof-of-Concept (POC) tailored to your specific data challenges. In the POC, we'll work side-by-side to understand your needs and showcase how Azure Fabric can unlock your data's potential.

Customer Pain Points

Azure Fabric resorts to focus on the following pain areas, thereby providing you with effective solutions for business.

Complexity in infrastructure management
Simplifies infrastructure management through automation and centralized control.

Challenges in siloed information
Helps in breaking down silos, fostering collaboration and data-driven decision-making across departments.

Difficulty in data management
Unifies data ingestion, storage, analysis, and streamlining your data efficiently.

Scalability challenges
Provides a scalable architecture, accommodating your evolving needs.

Security concerns
Prioritizes the security with robust features and granular access control.

Slow deployment process
Accelerates deployment processes, enabling rapid application delivery and updates with minimal disruptions.

NOVENTIQ

Global expertise, local outcomes

Azure Fabric – Activities Performed

Noventiq has a commendable team of cloud experts who are well-versed in solving the complexities of your data and providing actionable insights required for your business growth.

Discovery & collaboration:
In a kick-off meeting, we will discuss your data challenges, goals, and existing data landscape, and then collaborate to identify a relevant PoC use case aligned with your priorities.

Data ingestion & integration:
Through securely connecting to your chosen data sources (on-premises, cloud, hybrid), we will prepare & integrate your data into the PoC environment.

Platform configuration & deployment:
We'll configure a scaled-down Azure Fabric instance tailored to your use case and further implement the security & governance measures to protect your data.

Analysis & exploration:
By leveraging AI & analytics tool, we will discover patterns and insights and accordingly create dashboards & reports to communicate the findings.

Findings & recommendations:
We will deliver detailed report outlining the PoC findings and recommendations and further create roadmap for maximizing data value with Azure Fabric.

Knowledge transfer & support:
We will share technical best practices and answer your questions on Azure Fabric and provide ongoing support to ensure your leverage Azure Fabric's full potential.

NOVENTIQ

Global expertise, local outcomes

Azure Fabric- Architecture Diagram.

Architecture has seven workloads that run on top of One Lake-the storage layer that can pull data from Microsoft's platforms, Amazon S3, and eventually from Google cloud platform.

Let's delve into Complimentary Proof-of-Concept.

Revolutionize the way your organization approaches application development, deployment, and management.
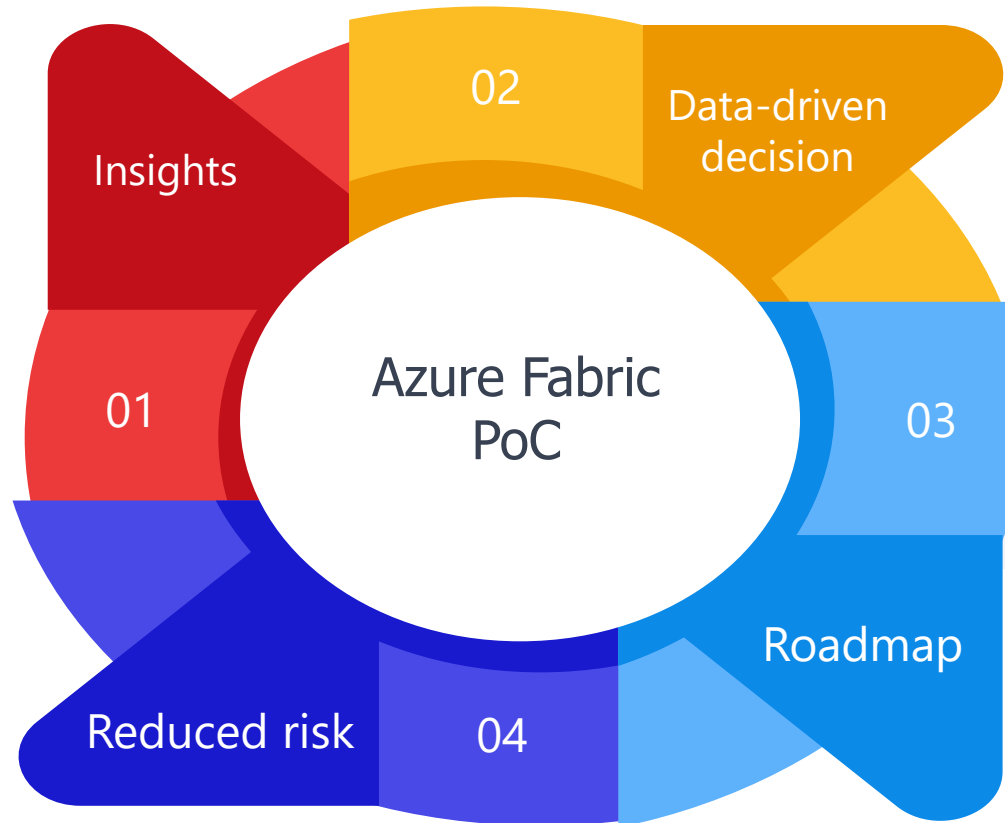
- Are you still in a dilemma about how to start with cutting-edge solution like Azure Fabric? We can understand your confusion and hesitation, and that's why we bring the **free Proof-of-Concept** tailored to your specific needs.

- This PoC enables you to experience the transformative power of Azure Fabric without any upfront commitment. We'll work closely with you to identify a relevant use case that addresses a key challenge you're facing.

- Azure Fabric PoC is the catalyst for unlocking new possibilities, optimizing operational efficiency, and elevating your organization's technological prowess to new heights.

NOVENTIQ

Global expertise, local outcomes

Azure Fabric - Deliverables

What do customers receive from Azure Fabric PoC?

● Actionable insights and recommendations for optimizing your data management and analytics strategy.

Insights
02
Data-driven decision

01

Azure Fabric PoC

03

Roadmap

Reduced risk
04

● Increased confidence in making data-driven decisions based on real-time insights.

● Decreased risk and uncertainty associated with adopting a new data platform.

● Clear roadmap for scaling your data platform to meet your future needs.

NOVENTIQ

Global expertise, local outcomes

Azure Fabric-Requirements

What are the prerequisites for availing the service?

- Clearly defined project goals and objectives.

- Required resources like servers, databases, and applications for integration with Azure Fabric.

- Must-have Azure subscription as Azure Fabric relies on Azure services.

- Details of data and workloads that will be involved.

- Clearly defined roles and permissions for users who will be involved in the process.

Global expertise, local outcomes

Azure Fabric-Frequently Asked Questions

1. How will the Azure Fabric PoC address our current infrastructure challenges?
The Azure Fabric PoC will assess your existing infrastructure, identify compatibility issues, and demonstrate how Azure Fabric can streamline management , improve scalability, and enhance overall performance based on your organization's specific requirements.

2. What level of support will be provided after the Azure Fabric PoC implementation?
Azure Fabric helps in minimizing the risks and validate suitability of Azure Fabric for your application before full-scale implementation, ensuring a cost-effective and informed decision-making process.

3. Is Azure Fabric scalable for future growth?
Yes, Azure Fabric leverages Azure Fabric's inherent scalability features, ensuring that your application can scale seamlessly as your project grows.

4. Can Azure Fabric integrate with our existing applications and technologies?
Post-implementation support will be provided to address any issues , after guidance, and assist with scaling or modification requirements. A support plan will be discussed and tailored as per the requirements of your business.

5. What is the duration of Azure Fabric PoC engagement?
The PoC typically takes **2-4 weeks** to complete, depending on the complexity of your use case and data environment. The timeline will be discussed and agreed upon upfront to ensure it aligns with your expectations.

Thank You!