



Azure migration for global risk management and solutions company





Challenge:

- Multiple customer data integration from different sources
- Difficult to track changes in the same database with multiple modifications from different objects because of a huge team
- Difficulty in maintaining multiple database servers with the same version
- Improperly versioned or maintained codes

Solution:

- We assisted the client to migrate to Azure Cloud seamlessly using proper branching strategies and DevOps

About the Customer

Our client is a trusted name in the risk management product and service sector across the globe. The company has its headquarters in New York with a revenue of \$10.19 billion as recorded in 2021. Our client is also ranked among the Fortune 500 list of largest companies in the US. The organization operates on three major segments including global housing: offering lender-placed insurance, multi-family housing, and mortgage solutions; global lifestyle: offers mobile device protection service and extended service contracts for consumer electronics and appliances, vehicle protection, credit, and other insurances; global pre-need: offers pre-funded funeral insurance and annuity products.

The company with over 16,000 employees, also provides protection plans of warranty and related benefits helping millions of customers across the globe. Our client is operating in 21 countries across North America, Latin America, Europe and Asia Pacific.

The Need

The client, a global risk management solutions company, was struggling with their database and application migration to Azure Cloud. As the company is focused on lifestyle and housing protection markets, handling a big team is a part of the job. This was making it difficult for the client to track changes in the same database with multiple modifications from different objects.



Results:

- Reduced workload by 30% for SQL developers to maintain updated scripts throughout the application because of the use of DB projects
- Multiple access in the same database object, makes tracking changes easier
- Database for each environment in sync
- Effective DevOps procedures to reduce current/future manual support
- Effective branding strategy to make the release of new features seamless and without conflicts or overwrites
- Increased productivity through DevOps processes by approximately 70-80%

Aspire's Solution

We helped the client migrate to Azure cloud while taking at least 30% off of the SQL workload from the developers. This helped in the maintenance of updated scripts throughout the application. After the completion of this project, the client had multiple access to the same database object making it easier than ever to make and track changes from different sources.

We were able to provide an average of 70-80% boost to the production with the effective use of DevOps processes that has also come handy in reducing current and future manual support. The best coding standards have been used along with Red Gate, a specialized database management tool for Microsoft SQL server, and common repository tools like TFS.

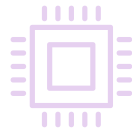
Aspire Systems has created CI/CD pipelines to reduce manual deployment efforts by the team. Not only have we given the client an all round solution to their challenges, we have also been elemental in documenting the project details for future reference in Quip.

Best practices followed:

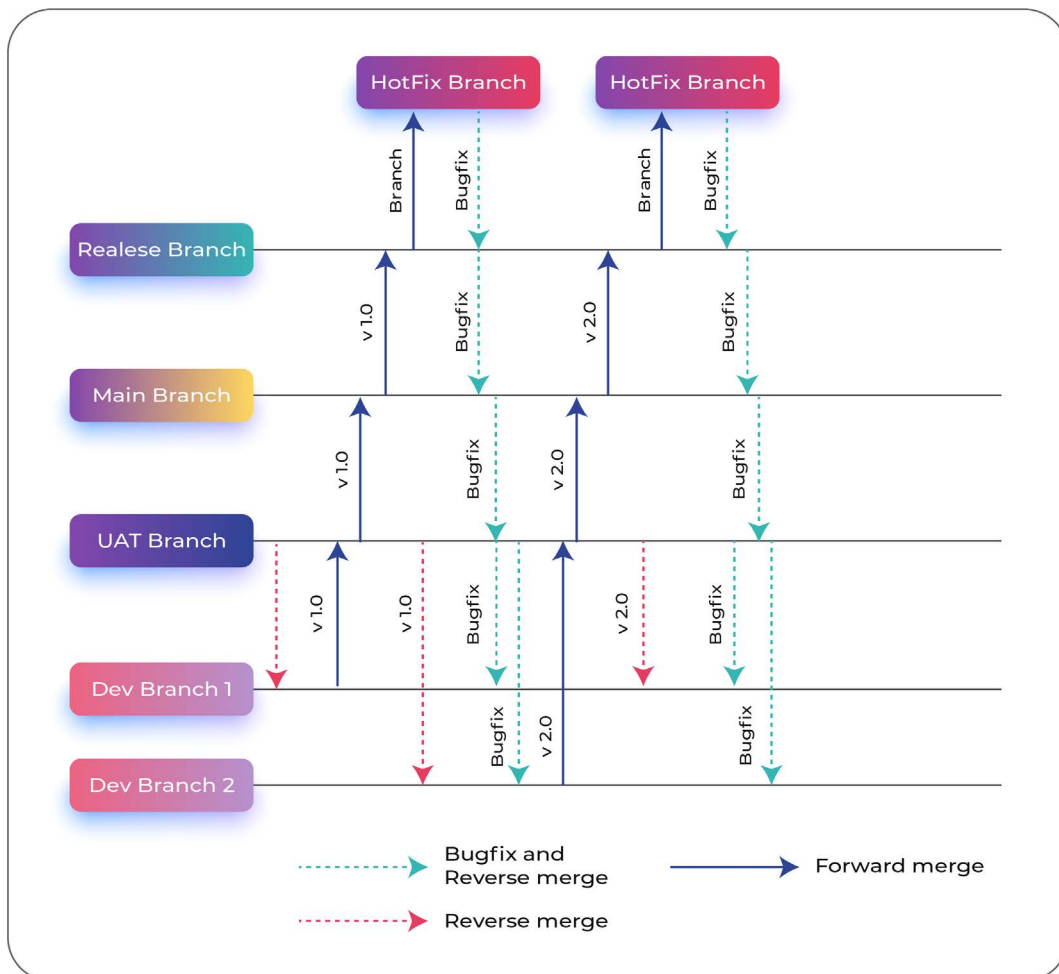
- Appropriate branching strategy followed using DevOps
- DevOps process helped customer to reduce the manual efforts and increased their productivity
- CI/CD pipeline have been formulated and utilized to reduce manual deployment efforts
- Best coding standards have been maintained throughout

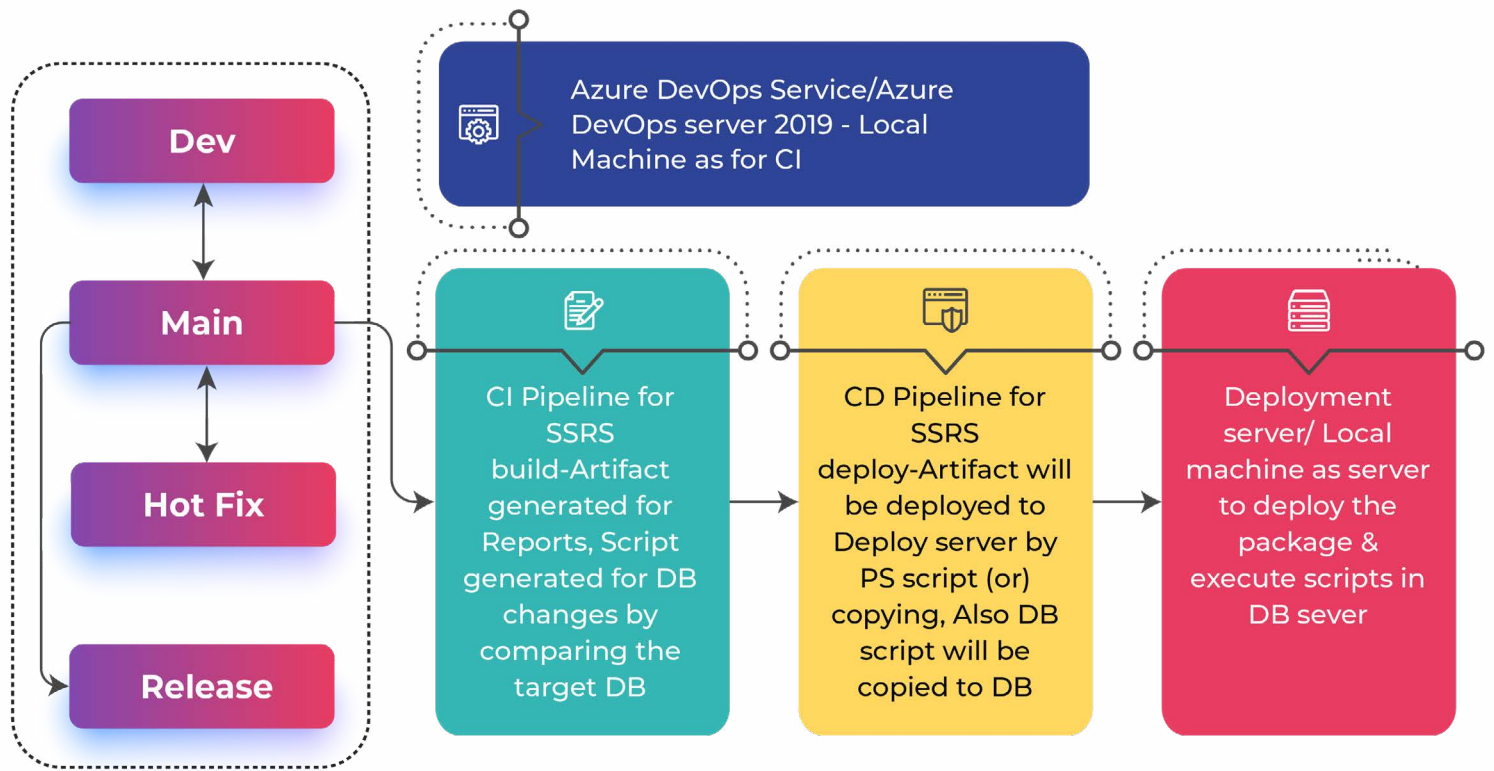


Technology Snapshot:



- » Azure Devops server: TFS
- » CI/CD tool: Azure DevOps
- » DB Server: Microsoft SQL Server,
- » DB Management: Red gate
- » Ticketing tool: JIRA,
- » Documentation: QUIP





Aspire Systems is a global technology services firm serving as a trusted technology partner for our customers. We work with some of the world's most innovative enterprises and independent software vendors, helping them leverage technology and outsourcing in our specific areas of expertise. Our core philosophy of "Attention. Always." communicates our belief in lavishing care and attention on our customer and employees.

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