

Link Development Revolutionizes the Public Portal of KSA's IsDB with AWS



KSA's Islamic Development Bank, wanted to revolutionize its public portal, its public interface that reflects the essence of the giant bank's vision and mission. Link Development reshaped the power of the Drupal-based public portal. It hosted it on AWS while maintaining the integrity and functionality of information, services, interactive maps, disbursement features, audio/video success stories, events, and others. The company utilized multiple AWS services to ensure seamless and sustainable hosting, such as EC2, Amazon Aurora, CloudFront, Certificate Manager, Cloud Search, S3, SNS, Lambda, EFS, AWS MediaConvert, Application Load Balancer, CloudWatch, Route 53 and others.



Customer IsDB - The Islamic Development Bank

Country KSA

Industry Financial Services

Solution Cloud

Technology AWS

The Islamic Development Bank is a multilateral development bank (MDB), working to improve the lives of those we serve by promoting social and economic development in Member countries and Muslim communities worldwide, delivering impact at scale. They provide the infrastructure to enable people to lead better lives and achieve their full potential.



Enabling Sustainable Development through Innovative Technology Solutions

IsDB is a giant bank with a vision to shape the future of Islamic financing and promote sustainable development. However, their old public portal did not reflect their mission and vision. IsDB wanted to overhaul their public interface, and Link Development stepped in to help. They used Drupal-based development and hosted the portal on AWS, preserving the integrity and functionality of the vast amount of information, services, interactive maps, success stories, events, and more.

Link Development utilized a variety of AWS services, including EC2, Amazon Aurora, CloudFront, Certificate Manager, Cloud Search, S3, SNS, Lambda, EFS, AWS MediaConvert, Application Load Balancer, CloudWatch, Route 53 and others to ensure seamless and sustainable hosting. The solution was deployed and managed on AWS to meet IsDB's requirements for high availability, easy management, and the ability to scale infrastructure resources up or down as needed to optimize costs.

AWS media solutions were leveraged to deliver IsDB's video-on-demand solution cost-effectively to a global audience. The bank is running on a combination of Amazon EC2 instances with Amazon RDS, AWS EFS, and other AWS services, providing a reliable and scalable infrastructure to support IsDB's vision.

“ AWS has been helping organizations migrate their Microsoft workloads to the cloud since 2006—longer than any other cloud provider.

We have earned the trust of millions of active customers that are now experiencing better performance and reliability, greater security, a lower total cost of ownership (TCO), and flexible licensing options for their Windows Server, SQL Server, and .NET workloads

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Empowering Sustainable Development through Innovative Technology Solutions

IsDB had unique requirements for its technology infrastructure, including high availability, durability, performance, scalability, and automatic failover for its databases. To meet these needs, we worked with AWS to implement a comprehensive disaster recovery strategy, including automatic, continuous, incremental backups and point-in-time restores for their data. We also implemented consolidated logs for the application and infrastructure and consolidated monitoring dashboards for all resources alongside an alerting system. This approach allowed IsDB to efficiently manage its resources and scale them up or down as needed, enabling them to meet the evolving needs of its stakeholders.

Unlocking Potential and Accelerating Growth with Innovative Technology Solutions

Furthermore, we focused on providing flexibility in managing resources and ensuring fast and easy deployments. We worked with IsDB to develop a highly available and durable infrastructure that could quickly and efficiently handle their demands. By leveraging AWS's capabilities, we provided IsDB with an infrastructure that could quickly scale up or down as needed, enabling them to respond rapidly to changing circumstances. With our innovative solutions and fast deployment capabilities, IsDB was able to implement its vision and mission efficiently.

Driving Impact at Scale through Innovative Technology Solutions

Our innovative solutions and services enabled us to meet the unique requirements of IsDB, delivering a highly available, durable, and scalable infrastructure. Our solutions provided flexibility in managing resources and enabled fast and easy deployments. With our help, IsDB was able to improve its operations, achieve its objectives, and support the development and growth of its Member countries and Muslim communities worldwide.



Benefits:

Innovative Solutions for Sustainable Development and Growth

- Cost optimization through reserved instances and pay only for used services
- Flexibility and ease of provisioning resources.
- Easy management of Amazon resources from the AWS console, with automatic patch management for EC2 and RDS instances.
- AWS CloudWatch integration for monitoring resource metrics and setting up alarms for issue alerts.
- Optimized read operations using RDS Read Replica instances with easy instance management and control.
- Scalability through dynamic capacity addition and removal.
- Fast and easy deployment of new features and services.
- Reduced risk of downtime through robust redundancy and backup capabilities.

Empowering Organizations with Innovative AWS Solutions and Link Development Expertise

Link Development is at the forefront of cloud transformation, leveraging a growing team of over 80 AWS-certified professionals and engineers to support the journey of governmental and business organizations toward the cloud. With increasing AWS cloud engagements, we are helping organizations achieve their objectives by delivering an enterprise-grade mix of automated, interoperable workloads and applications entirely on the cloud and between public and private environments.

Regional markets follow suit as the world moves towards the cloud, and Link Development is leading the charge. Our current plans include end-to-end AWS solutions, services, and products that reshape and modernize any organization's business applications, infrastructure, and cloud computing capacities. We provide centralized control and oversight, efficient operations management, and robust security capabilities throughout the digital transformation journey and the movement to the AWS cloud.

“ Link Development team of experts is dedicated to staying ahead of the curve, leveraging the latest technologies and best practices to develop solutions that meet the unique needs of our customers. We work with organizations of all sizes and across industries, delivering a wide range of services and products, including cloud transformation, application development, and digital marketing. At Link Development, technology has the power to transform the world for the better. That's why we are committed to crafting solutions that are not only innovative but also socially responsible. We believe in creating a better future for all and are proud to be a leading provider of technology solutions that make a difference.

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About Link Development

Link Development is a leading global provider of integrated digital solutions, products, and services. Our mission is to craft innovative technology solutions that empower our customers and transform the productivity of their citizens, workers, consumers, and partners. Focusing on delivering measurable results, we strive to help our customers achieve their goals and drive their growth.

[🏠 AWS solutions, products and professional services](#)