DXC and Amazon Web Services (AWS)

Customer Success Stories and Best Practices

Bowman Hall – AWS Offering General Manager, DXC

Why DXC for AWS Services? You will hear:

- Customer implementation Use Cases and Scenarios that cover:
  - AWS Advisory/Consulting
  - AWS Migration
  - AWS Managed Services/Steady State management of Applications
  - Multiple different vertical industries
  - Global and local solution delivery and implementation models
- DXC's AWS Services and Solutions portfolio
  - DXC's AWS credentials
  - DXC's "Glocal" (Global and Local) delivery model

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Success story: Large public sector customer

Challenge

- Successfully split and transfer customer assets to cloud-based platforms and transfer ownership to successfully complete SEC requirements for separating companies DXC and customer
- Timeline and scope: less than 3 months to transfer assets, not interrupt production and business-critical application services, while also completing migrations
- Lower infrastructure costs and reduce risk for business-critical applications and services

Solution

- DXC cloud solutions team partnered with Racemi to perform automated migrations to AWS
- DXC, jointly with Racemi and other SMEs, worked tirelessly to transfer, transform, and move workloads into new AWS account off of DXC BizCloud™ and other virtual platforms
- Creation of multiple discovery and migration waves to provide continuous application services while also migrating to AWS

Results

- DXC and customer completed required asset transfer on time
- Customer assets completely transferred to new AWS infrastructure, reducing downtime for business-critical applications and reducing total cost of ownership for application services
- Racemi proven asset in transformation activities that provided significant business outcomes that DXC invested in Racemi and embedded as chief migration technology for migration services

Success story: Top Oil & Gas customer

Challenge

- Needed to migrate whole midrange environment of one of its companies in a short time period
- Needed a partner who could meet schedule and serve as a highly skilled "full service provider," providing E2E cloud management after migration
- Needed to avoid high maintenance expenses with complex infrastructure, including Exchange, ERP SAP, File and Application servers and legacy technical equipment

Solution

- DXC and AWS moved customer's entire infrastructure to the cloud
- DXC conducted a comprehensive assessment of existing infrastructure to mitigate risks of data migration
- Migration was executed in waves, so critical environment was available more quickly, with minimal impact on users
- DXC now provides managed services via centralized support teams with ITIL-based IT governance best practices expertise
- DXC conducts regular proactive infrastructure optimization to optimize customer's cloud infrastructure costs

Results

- Migrated production environment in 3 weeks
- Created an open and direct communication channel to DXC's technical and management teams during the migration phase that is still available today
- Created a flexible service catalog capable of fully supporting customer's IT business needs (8x5 or 24x7)
- Infrastructure costs are based on cloud consumption, thereby reducing overall IT expenditure; no CAPEX requirements

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Success story: Multinational Insurance Customer

Challenge

- Design and implement AWS based secure content distribution solution for customers secure agent portal.
- Provide advisory review and guidance for enterprise AWS account, network and security structure meeting the jurisdictional and compliance concerns of a multinational insurance enterprise.

Solution

- DXC proposed an DXC AWS quickstart fixed duration accelerator to design and implement the content distribution solution.
- DXC proposed additional DXC AWS architecture advisory services to provide AWS Account, VPC and AWS Security architectures based AWS best practices.

Results

- DXC completed the design and implementation of the content distribution solution to multiple customer environments within the agreed project timeline.
- DXC delivered cloud formation templates for automated repeatable deployments of the cloud formation solution including automated security configuration.
- DXC delivered an AWS Account, Network and Security architectures based on AWS best practices.

Success story: One of world's largest education Testing and Assessment services

Challenge

- Provide faster and more consistent response time for Internet-based test administration across the globe
- Improve availability for Internet-based test administration
- Control costs for testing by moving to a utility-based model for test administration

Solution

- Enterprise Managed Infrastructure, including full cybersecurity and application performance management
- Implement infrastructure as code to enable standup and tear-down of supported infrastructure automatically and within hours in additional regions (EU, Asia-Pacific)
- Technologies included EC2, Racemi, CloudFormation, CloudFront, Puppet, CloudPassage and AppDynamics

Results

- Internet-based testing platform available globally in three regions
- Improved response times by making testing application available closer to test centers and takers
- Improved availability by deploying in multiple availability zones and multiple regions
- Improved costs for multiregional deployments through the ability to set up and tear down regional deployments to pay for infrastructure only during scheduled testing, reducing overall investment in test platform

Success story: Leading Non-Profit Organization in ANZ

Challenge

- Minimise and better manage IT costs and expenditure
- Reduce IT complexity and burden & leverage more costs effective backup, DR and network solutions
- Provide more effective and secure solutions for international operations and remote locations
- Help reduce overall IT risk profile, including DR and backup gaps

Solution

- While the client had a preference for Microsoft technologies & Azure, DXC's AWS Practice was able to develop a business case that addressed each of their IT objectives by:
- Migrating their current IT environment (hosted on DXC's private cloud) to AWS
- Adopting DXC's AWS Managed Services, including additional OS Support and Security service

Results

This is expected to provide the following benefits amongst others
- Savings of approximately $320K over 3 years (significant for a not- for-profit)
- Lower ongoing risk - including improved redundancy, resiliency and recoverability
- Ability to better provision, manage and secure IT systems and data at international and remote locations

Success story: Major Steel Producer

Challenge

- Increased competitive pressure to find new ways to minimise costs and risks in supply chain, production operations, and distribution channels
- Growing business information needs and constrained budgets
- Challenges with analytics and data platform scalability constraints and costs
- Inability to take advantage of agility and cost benefits available through public cloud services

Solution

- DXC's AWS Practice has worked closely with customer to implement a series of AWS based solutions including:
  - Leveraging AWS to provide cost effective backup and redundancy of CCTV systems and data
  - A managed File Storage solution using the AWS Storage Gateway
  - A long-term (S3/Glacier) storage tier in the back of an existing BSL backup solution
- Plans to migrate the existing Big Data Platform as a Service environment from DXC's Private Cloud to DXC's Managed AWS

Results

- AWS Proof of concepts were introduced quickly and within budget and confirmed anticipated cost and other benefits
- Provisioning times and project related costs for new infrastructure are being lowered
- DXC's AWS Managed services are being introduced to support the production environments
- DXC and AWS have been able to work together and effectively support each other in coming up with practical solutions and services that address customer needs and requests

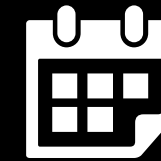# DXC certifications/partner status with AWS

Global Certifications

- AWS Accreditations: Over 8,500+
- AWS Associate Certifications: 600+
- AWS Professional Certifications: 50+
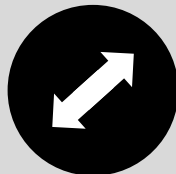
AWS Global Partner Status

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PREMIER CONSULTING PARTNER

- AWS North America region
- AWS Asia-Pacific region
- AWS Europe, Middle East, Africa region

AWS Competencies and Programs

- Big data, migration, SAP (via UXC Oxygen)
- Authorized Government Reseller, AWS Channel Reseller, AWS China Region Partner, AWS Government Partner Program, AWS Managed Service Program, AWS Test Drive Partner

DXC's portfolio of AWS solutions

Solutions and Services	Insight	Migrate	Architect	Secure	Manage	Connect
DXC Offering	**Analytics as a Service**	**Cloud Migration Services for AWS**	**Application Modernization**	**Security Services for AWS**	**Cloud Services for AWS**	**Cloud Network Services**
	This industrialized, fully managed environment collects and analyzes a wide variety of data sources at volume. Hosting BDPaaS on AWS provides instant scalability, ease of use, and rapid application development. Obtain data to make informed decisions about optimizing your business through a big data toolset.	Accelerated automated AWS migration services, including application, data, and OS migration services. This managed suite of services enables rapid migration of cloud-ready workloads to AWS. Combine this with Cloud Services for AWS to migrate and manage your Infrastructure and application real estate. Powered by RISC Networks and Racemi.	DXC's application modernization capabilities range from refactoring and COTS replatforming to full conversion and rebuilding of the application with AWS in mind. Benefits include better utilization, performance, developer productivity, and innovation using the full AWS ecosystem.	DXC Global Risk Management Center includes tools and automation to secure your AWS environment and workloads. We leverage several partners in supporting this highly integrated service with our DXC Services for AWS to provide comprehensive management and security for your AWS environment.	DXC combines cloud-native monitoring and management tools from our Cloud Services for AWS with monitoring and management capabilities of our DXC Global Risk Management Center. DXC works closely with our partners (CloudPassage, McAfee, AppDynamics, Puppet, Chef, CloudCheckr) to provide an interoperable suite of tools for 24x7 support.	Our unique, fully integrated DXC Agility Platform™ provides policy-based governance and control over applications and services. DXC's partnership with AT&T NetBond services provides on-demand, secure AWS Direct Connect for clients to extend their corporate network directly to the AWS cloud.

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DXC and AWS: Cloud solutions to make your business better

Our Expertise Results in Your Benefit

Insight   Business Agility

Migrate   Efficiency

Architect   Reduced Risk

Secure   Threat Mitigation

Manage   Resource Management

Connect   Cost Control

Thank you.