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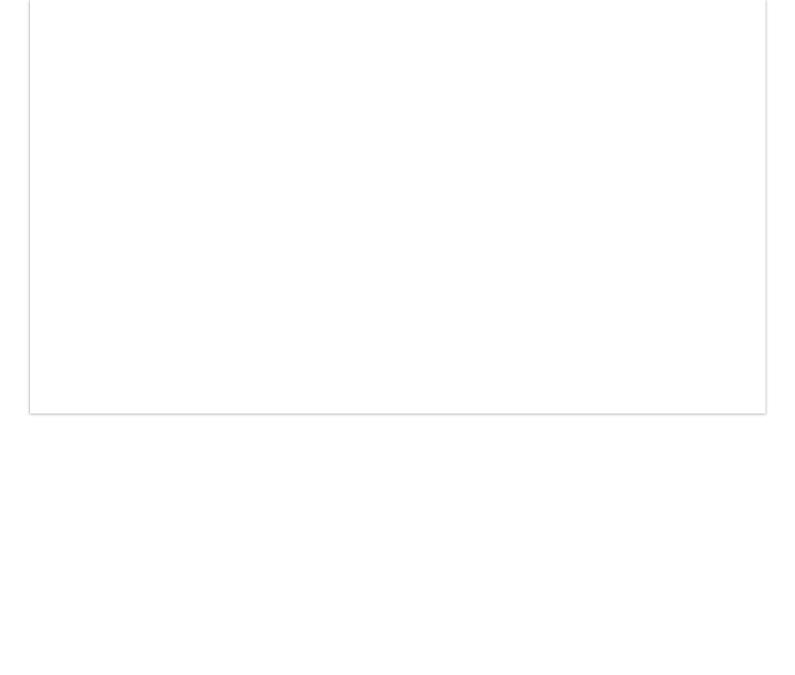


PRESIDIO®

Presidio Migrates Q2, Inc. Digital Banking Product to AWS to Accelerate Innovation While Reducing Costs

Connect with Presidio

Q2, Inc., a financial experience company, partnered with AWS Partner Presidio to migrate its largest revenue-generating digital banking product to AWS, avoiding a costly on-premises hardware investment. Q2 set an ambitious goal to decrease costs by 25% to better serve each customer. The AWS migration would prove integral to achieving this goal. To satisfy a tight timeline and rigid uptime requirements, Presidio developed an automated, parallel migration platform called "Q2 Migration Manager" (Q2MM) to accelerate the project.



Opportunity

- Q2, Inc. was staring down a multi-million dollar capital expenditure for on-premises hardware to support its expanding business. A move to AWS would support its growth goals in a cost efficient manner.
- Q2 aimed to reduce its cost-to-serve by 25%, and lay the foundation for future AI-driven innovation.
- Uptime stakes are high, as any dip below 99.95% availability would incur a financial penalty. The migration could not be done manually, however, given time constraints. So a secure, reliable automation option would prove ideal.

Solution

- Presidio leverage AWS MAP funding to deliver a pilot migration for a subset of Q2's digital banking platform technology stack. The successful migration proved out the Presidio approach, and identified areas of opportunity to accelerate the full migration.
- Presidio innovated to automate the larger migration. Q2 Migration Manager (Q2MM) is an automated migration platform running on a custom-built Presidio tool that rapidly accelerated the migration to meet tight deadlines while satisfying uptime requirements.
- Q2MM ensures robust security, provides real-time monitoring and reporting, delivers industry-standard scalability and flexibility, optimizes resource utilization, and logs compliance/audit documentation for future use.

Outcome

- Presidio's POC migrated a large subset (2,000+) customer container for initial testing. It achieved a 95% success rate, reducing migration time from two hours to 14 minutes, and cutting manual intervention by 96.3%.
- Q2MM is migrating the rest of Q2's digital backing platform tech stack to AWS. This includes ~300,000 containers and 500 terabytes of SQL data, on budget and well ahead of schedule.
- Presidio and AWS are leading Day 2 modernization efforts, building upon the new cloud environment to deliver Q2 customers next-gen capabilities, including AI.

AWS Services Used

AWS PrivateLink

Establish connectivity between VPCs and AWS services without exposing data to the internet with AWS PrivateLink.

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AWS Transit Gateway

Connect Amazon VPCs, AWS accounts, and on-premises networks to a single gateway with AWS Transit Gateway.

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AWS Direct Connect

The AWS Direct Connect cloud service is the shortest path to your AWS resources. While in transit, your network traffic remains on the AWS global network and never touches the public internet.

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Amazon EC2

Amazon Elastic Compute Cloud (Amazon EC2) offers the broadest and deepest compute platform, with over 750 instances and choice of the latest processor, storage, networking, operating system, and purchase model to help you best match the needs of your workload.

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