



Version 1 Cloud Expertise Accelerates International Market Entry

HolidayTaxi.com is a worldwide transport service, offering airport to city and resort transfers in over 12,000 destinations in over 130 countries around the world. The company acquired a number of contracts based in Asia, resulting in a significant increase in customers from that region. However, as their datacenter is based in London, tests showed that Great Firewall of China combined with increased regional latency could increase the risk of longer page load times for customers. Holiday Taxi identified China and Singapore as the key areas where the majority of the traffic was expected to come from. As a result, they wished to add new datacenters in China and Singapore to better serve customers in the SEA region.

A Challenging Cloud Project

- There was an extremely tight deadline to get the deployment live. This was due to the start date of several of the new contracts.
- The system had to be highly available, fault tolerant, and scalable.
- The existing data and application needed to be migrated to the new environment.
- The environment design needed to meet the complex requirements of the application.

Given the unique constraints and timescale of the project, Version 1's proposed solution was to build the new environments in AWS China and

AWS Singapore. This consisted of a VPC with load balanced web servers, a read-only database server pair, and a VPN solution between the new deployments and the existing datacenter in London.

Version 1 ensured the safe on-boarding of Public Cloud by implementing the Version 1 AWS reference architecture and supplementing it with firewalls and monitoring. Once the environment was set up and verified, only then were the application and database servers built and data transferred.



Best practice Cloud migration took place in several steps:

- Development of Infrastructure as Code (IaC) was carried out to automate the build of secure environments, based on the Version 1 Reference Architecture. The IaC triggered builds using AWS services like VPC, EC2 and IAM.
- The application and database servers were deployed, setup and configured on the EC2 instances.
- UAT/integration testing, and data migration, and monitoring was set up.
- DNS entries for the new environment were added using AWS Route 53, and the production go-live was complete.

Cloud Migration Delivers Benefits

- Extremely fast deployment to meet the time constraints. This timelines involved in this project would have been impossible using a traditional physical datacentre.
- High availability deployment, across multiple availability zones.
- Much improved page load times for SEA customers.
- Infrastructure as a code, which allows for the data-center blueprint to be quickly deployed again in other AWS regions.
- Ongoing support and management of the database and application through Cloud Managed Services.



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can transform your
business, contact us:

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