

Accelerating Time-to-Market with minimum spending using AWS

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“ Availability and Scalability of AWS help us stop guessing about server specification and speeding up Time-to-Market. ”

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Deploying a new service takes time and money

Traditionally, implementing a new service takes a lot of effort from start to finish. “How big the infrastructure to serve unpredictable load for a new application?” question comes up every time the IT department designing a new service. “It’s hard to estimate real-world load for a new application. Thus, we have to overspend in infrastructure to serve new service without worrying.” says IT Service Manager. If a new service is popular than anticipated and needed to be scaled, the only thing that the IT department can do is waiting for new equipment to be shipped. It usually takes more than a month, and business cannot wait that long.

Additionally, development and quality assurance environment must be purchased and prepared in advance for developer to test and build new service. However, these environments are needed only when developer developing and testing new services which usually running between working hours and are left unused beside those time.

Utilizing Amazon Web Services to accelerate service deployment

With supportiveness from Datapro Computer Systems (DCS), a Consulting Partner in the AWS Partner Network (APN), Sompo can build a new service on AWS cloud without worrying about unpredictable load in just one week. Sompo using Amazon Elastic Computing Cloud (Amazon EC2) instances with Elastic Load Balancing (ELB) to serve customer demand by utilizing Amazon Simple Storage Service (Amazon S3) as a storage back-end. Using combination of Amazon EC2 and ELB as a service front-end increases our service availability and scalability. As of now, service is running on AWS for almost three years without an outage. We leverage Amazon S3 as a storage back-end because it offers an unlimited total volume of data and the number of objects, so, no more worrying about capacity.

Running a production-like environment for testing with low cost

Amazon EC2 on-demand instance allows us to pay only when an instance is used with no long-term commitments or upfront payments. Utilizing Amazon EC2 on-demand instances, Sompo is now able to build and test application before launching to production environment using production-like server specification with minimum cost. “We no longer need to purchase a dedicated test environment in advanced just to serve developer using it only in working hours.” says IT Service Manager.