FINANCIAL SERVICES – Danish Pension company

Agile, scalable, streamlined investment operations on AWS

The challenge

A European pension company, with more than 300,000 customers, required a solvency platform to ensure the availability of pension assets. As part of an as-a-service initiative, the pension client needed an agile, scalable platform with intent-based automation of workloads, and separation from existing infrastructure for improved solvency assurance in a secure environment as well as low capital expenditures and operating costs.

The approach

We began by conducting a detailed workshop with the client to understand the requirements and design for the new platform. We developed a cloud deployment architecture and design for the HPC application as well as a total cost of ownership comparison between on premises and cloud workloads.

Next, Cognizant engineered an HPC solvency platform on AWS Cloud with custom-built, intent-based provisioning capabilities and secure integration into existing pipeline as well as existing AWS landscape. The HPC solution was deployed in AWS cloud on a dedicated VPC to provide isolation from other servers while dependent services like file share, active directory, monitoring, and antivirus were provisioned from shared services.

A key solution feature of the solution is the cross-platform monitoring system. This system, deployed as a single interface, shows state, health, and performance information of loads in the platform. The HPC servers are domain joined and specific users are assigned access as needed. The HPC generates accurate and timely analytics for solvency assurance.

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Enhanced accuracy, optimization, and cost control

Our customer now has a scalable and highly secure platform providing both analytics requirements and traceability. The new HPC solvency platform fits into the client's existing AWS landscape. Autoscaling capability provides complete traceability from task request and deployment, through deprovisioning.

Users can now initiate a request for new servers or additional servers to provision compute nodes in AWS. Compute capacity is now on-demand. When needed, additional computing power for the HPC platform will be assigned. Upon task completion, the servers on AWS will terminate automatically.

100% availability of AWS CloudWatch usage metrics

Reduced provisioning costs and total costs of ownership

Zero manual intervention

About the Partnership

Cognizant (Nasdaq-100: CTSH) is one of the world's leading professional services companies, transforming clients' business, operating and technology models for the digital era. We engineer modern businesses to improve everyday life. Our unique industry-based, consultative approach helps clients transform technology, re-imagine processes, and transform experiences ensuring businesses remain agile, relevant and ready to run more innovative and efficient enterprises.

With AWS as our partner, we focus on the outcomes that matter most to businesses and underpin our solutions with deep industry experience and market-leading IP. Cognizant has more than 12,000 trained AWS practitioners, more than 6000 AWS certified professionals, dedicated AWS certified consultants in 43 countries, hundreds of customer launches, and successes, and more than 70 transformational blueprints to drive innovation beyond cloud migration.

As a premier consulting partner, Cognizant hold numerous AWS competencies, including AWS Mainframe Migration, AWS SAP, AWS Migration, AWS Financial Services, AWS HPC, AWS Healthcare, AWS Life Sciences, AWS ML and MLOps, AWS Security and AWS Travel and Hospitality. Partner programs include AWS Well Architected, AWS Managed Service Provider, AWS Marketplace Seller, AWS Solution Provider Program, and AWS Public Sector Solution Provider.

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Cognizant (Nasdaq-100: CTSH) engineers modern businesses. We help our clients modernize technology, reimagine processes and transform experiences so they can stay ahead in our fast-changing world. Together, we're improving everyday life. See how at **www.cognizant.com** or **@cognizant**.

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