

Case Study Global Oil And Gas Firm

F5 Load Balancing and Single Sign-On (SSO) Solution for Messaging-As-A-Service (MaaS) Platform

Company Summary

A multinational integrated oil and gas company and one of the five "supermajor" oil companies in the world. Its businesses cover the entire oil and gas chain, from crude oil, natural gas exploration, etc.

Requirement

Our client had a requirement to build a Messaging-As-A-Service (MaaS) platform to handle all email transactions for its global workforce. The platform had to support current and future growth for all email communications for a growing mobile workforce. F5 Networks was selected to deliver a robust platform for Single-Sign-On (SSO), as well as high availability and traffic optimisation across multiple data centres. The whole solution had to be scalable and highly secure.

Solution

iCyber-Security was selected as the PS partner because of our expertise in designing and deploying F5 solutions in complex networks ecosystems. SAML and Kerberos authentication was used to deliver SSO. The F5 LTM/GTM provided local and global traffic distribution across several data centres in order to meet 99.999% service uptime.

Business Benefits

- Protecting our client investment in F5 technology
- Increased reliability and security of critical web services
- Reduced project cost using skilled consultants

Key Challenges

- Highly secure platform using SAML and Microsoft Kerberos for Single Sign On (SSO)
- A scalable platform that can support large growth
- Design, implementation, troubleshooting, knowledge transfer, and documentation

iCyber-Security Delivery

- Design and implementation of SAML and Microsoft Kerberos for Single Sign On (SSO)
- Scoping, design, and implementation planning
- Go live testing, troubleshooting, documentation pack, and