

Case Study Leading UK University

F5 BIG-IP LTM System Review To Improve The Performance of Critical e-Learning System

Company Summary

This university is one of the UK's leading modern universities and enjoys an international reputation for teaching excellence and innovation as well as strong links with businesses.

Requirement

Our client had a requirement to optimize their existing F5 load balancing infrastructure in order to increase the availability and performance of e-learning applications. The key requirement was to provide expert level advice in order to obtain measurable and tangible performance improvements that will translate to improved users experience.

Solution

The university selected the F5 LTM for all its load-balancing needs. iCyber-Security was selected to carry out a review of the overall system because of our expertise in helping educational institutions improve the performance of their critical infrastructure used to deliver online courses and exams. The consultant provided expert level advise that allowed the university to improve the performance of their online learning portal using F5 technologies such as caching, pipelining, compression, HTTP keep-alive, and iRules.

Business Benefits

- Improved users experience for e-learning apps
- Maximizing the university investment on F5

Key Challenges

- Make recommendations that will provide tangible improvements to e-learning applications
- Provide a BIG-IP LTM system review and best practices/recommendations
- Help the university improve the user experience by speeding up e-learning apps

iCyber-Security Delivery

- Helped the university to improve the performance of critical e-learning apps by providing expert advise and recommendations
- Delivered F5 LTM system health checks
- Knowledge transfer to the network and security team