Case Study

AWS Cloud Migration

Customer: The Star
Industry: Leisure and Tourism
Services: AWS Cloud Migration

Challenges:

▷ Seamlessly migrate to AWS Cloud without adversely affecting site performance

▷ Automate and improve process for scalability and flexibility

▷ Redesign and architect The Star website without impacting customer experience

Outcome:

▷ Identified performance bottlenecks with the architectural design

▷ Tangible recommendations to remove single points of failure to improve reliability

▷ A dedicated AWS partner to support The Star now and into the future

The Star Entertainment Group

The Star Entertainment Group (The Star) is an ASX 100 listed integrated resort company that provides a variety of gaming, food, beverage, hospitality tourism and entertainment experiences to guests in Sydney, the Gold Coast and Brisbane. The Star Entertainment Group hosts over 18 million guests every year, employs 8000 staff, manages seven hotels, offers more than sixty bars and restaurants to patrons and also manages the Gold Coast Convention and Exhibition Centre on behalf of the Queensland Government.

The challenge

The Star was looking to migrate their entire public website infrastructure from a third party hosted virtual platform to the AWS cloud to leverage the benefits of scalability and flexibility. As part of this process The Star were looking to implement DevOps best practices to automate and streamline their build and

deployment pipeline. This involved a complete website redesign and the introduction of new tool sets and technologies to leverage and maximise benefit from cloud infrastructure. The challenge was to cut online services over in a seamless manner whilst ensuring that the customer experience and end-to-end site performance was not adversely affected.

The solution

The AWS platform provided a number of managed services that were easy to deploy and enabled The Star to spend less time on systems administration and more time on developing and releasing improvements and feature enhancements to their online applications. These services included AWS RDS, Elasticache and auto-scaling whilst integrating configuration management tools such as Puppet to ensure a consistent and repeatable fleet.

The outcome

CyberCX were able to identify a number of performance bottlenecks with the architectural design during the pre-release stages of the project and were able to provide tangible recommendation to both remove single points of failure and improve end to end reliability.

Our relationship with The Star has grown to the extent that we are now the primary managed service provider delivering ongoing consulting as well as 24/7 support for complex AWS issues.
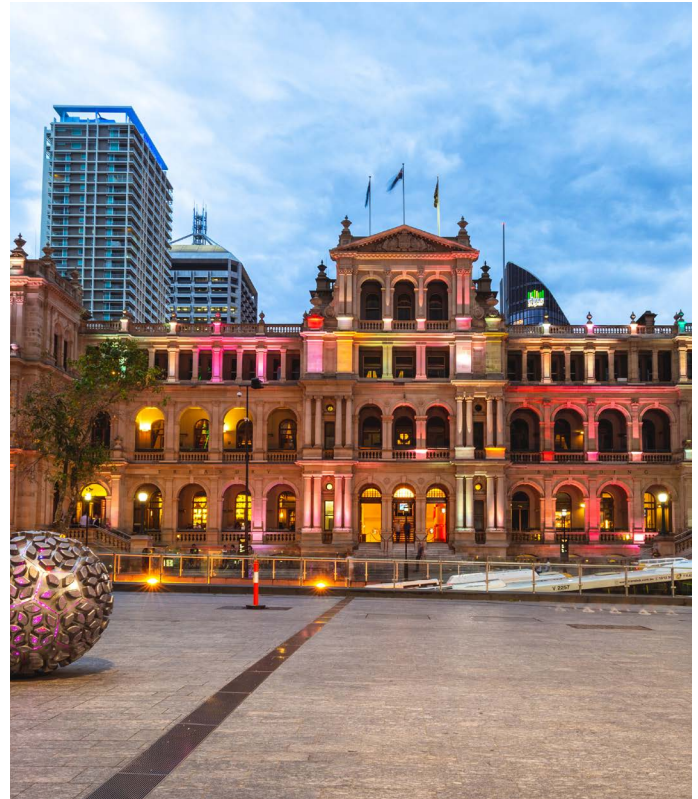
Our relationship with The Star has grown to the extent that we are now the primary managed service provider delivering ongoing consulting as well as 24/7 support for complex AWS issues.

About CyberCX

CyberCX is Australia's leading independent cyber security services company. Unifying the most trusted cyber security brands and the experts who built them.

CyberCX delivers end-to-end cyber security services and Australia's best cyber security talent with the most comprehensive range of cyber security services to business, enterprise and government.

Contact us to find out how CyberCX can boost the cyber security skills of your entire organisation.

🌐 **www.cybercx.com.au**   📞 **1300 031 274**

CyberCX

We secure our communities