

Zhuhai Sandbox Network

Baidao communicated with the Sandbox Network IT department to discuss the operation of existing games, and formulated a more complete Google Cloud architecture framework for new game projects, which improved the quality of the game.

The challenge

The high game delay, difficult login, and frequent disconnections brought about by multinational game services destroy the user experience. The cross-region and cross-operator network environment is complex, and the routing table is redundant and cumbersome. Risk of various security incidents. Including zero-day vulnerabilities, user privacy data leakage, weak passwords, DDOS attacks, etc.

The solution

Aarmor can provide enterprise-level DDOS protection functions, which can prevent DDOS attacks at Layer 3 and Layer 4. Greatly strengthens the security of the entire access layer. CloudCDN uses AnycastIP technology to allow users around the world to quickly access the Google network. This greatly reduces the network delay for users to access applications, and greatly improves the user experience.

The results

To achieve almost zero downtime, simplify data migration; help customers solve the problems of high back-to-source, low hit rate and reduce costs; high-quality network helps business communication between VPCs to be efficient and stable;

Due to the different geographical distribution of users, the solution architecture of Load Balancing + CDN and pre-warming the cache for large files to the service node help customers solve the problems of high resource return rate and low hit rate. After customers migrate to GCP, cache The hit rate is as high as 99.92%.

About Sandbox Network

Zhuhai Sandbox Network is a new start-up company established in 2015. The company's vision is to build a global game UGC platform to help ordinary players turn ideas into games. Released representative products including Blockman GO. At present, there are more than 50 million registered players worldwide.

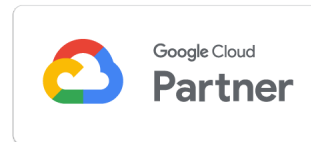
Industry: Gaming

Primary project location: China



About HONG KONG BAIDAO DATA SERVICE CO., LIMITED

Founded in 2016, HONG KONG BAIDAO DATA SERVICE CO., LIMITED (BAIDAO DATA) is a leading information services consultancy in public could.



Products

Google Cloud Platform