

Application Acceleration

Introduction

Application acceleration services are deployed when the content consists both static and dynamic elements or pure dynamic elements. The services utilize ChinaCache's high-speed network to accelerate application layer (layer 7) compression and forwarding, as well as to achieve data link layer (layer 2) acceleration.

Product Features

• Intelligent Load Balancing

Our intelligent load balancing system accurately locates end users and delivers content to them from the nearest servers.

• Cache Static Content at Edge

The traffic scheduling management system, patented by us, ensures the high availability of the load balancing system, high-speed transmission network routing mechanism and node redundancy mechanism to effectively cache static content at edge servers.

• Private Line Back-to-Origin

Our system responds to end users' requests immediately and automatically assigns private and reliable lines between the end users and customer origins to establish real-time communication.

• Optimal Routing

With intelligent routing features, route status is being analyzed in real-time, and data will be forwarded to the most optimal routes for each request.



• Optimized TCP/IP Protocol

Optimal application acceleration performance is achieved through the optimization of TCP/IP protocol on the data link layer.

Product Architecture

