



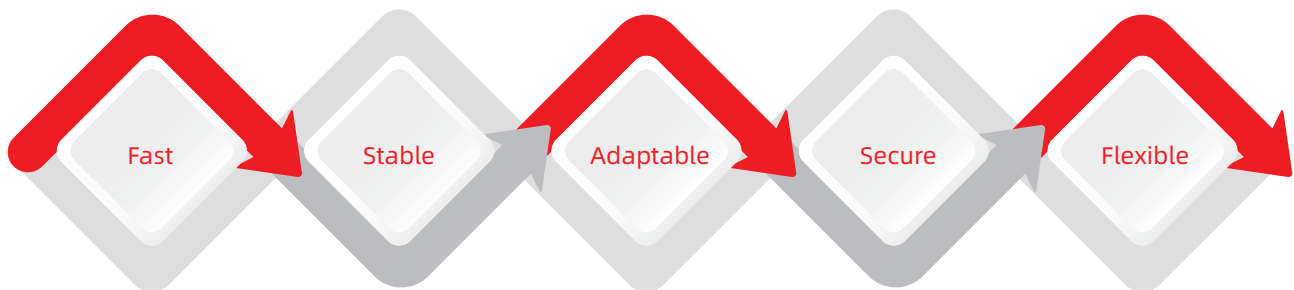
## Introduction

The video-on-demand acceleration service supports different devices including mobile, TV, laptop and tablet, which decodes and plays CDN transmitted streaming files in real-time in the video player and provides users with fast, reliable and high-quality viewing experience. Based on customers' requests, we can quickly connect to customer origins and provide services including storage, video transcoding, URL token authentication and distribute videos to end users with high availability, performance and reliability.



VOD  
Acceleration

## Product Advantage



Cached on edge servers, the video content are close to end users.

Service stability is achieved with origin backup, intelligent load balancing, and real-time network monitoring.

We use multi-protocol and multi-bitrate conversion technologies to ensure excellent viewing experience on any device.

The security of content is guaranteed with multiple layers of protection mechanism.

Our bandwidth reserve can handle sudden surge in traffic, and the service is customizable to meet different requirements.

## Product Features

- **Global Load Balancing**

Locate end users with LocalDNS and IP to deliver content from the nearest servers.

- **Multi-Protocol Support**

The service supports all mainstream protocols including HTTP, multi-level HLS and DASH.

- **Hotlink Protection**

The service provides hotlink protection by referer configuration, time stamp and MD5 authentication and IP access control.

- **Anti-Hijacking**

In the HTTP protocol, adding a special algorithm identifier to the response header can be used to avoid anti-hijacking. HTTPS anti-hijacking solutions can be deployed on the end user side, CDN side and origin side.

- **HLS and DASH Protol Pre-Load**

Parse and traverse HLS and DASH primary index and secondary index content to splice the corresponding subtasks to automate bulk execution of preload operations.

- **Segmented Back-to-Origin**

Single large video files can be separated into segments, and each back-to-origin request will get one segment at a time.

- **Preview**

Video preview can be set up for HLS, MP4 and TS files.

- **URL Legitimacy Authentication**

URL legitimacy can be authenticated by checking the required string in URL defined by regular expression.

## Product Architecture

