

Networking

Global CDN (Content Delivery Network)

Delivers Content Securely and Quickly Using Global CDN Infrastructure

Using edge servers distributed around the world, Global CDN ensures safe and fast delivery of static content stored on a web server or object storage for end users. In addition, it protects the origin server by distributing load during traffic surges, while at the same time provide a fast, reliable web services by downloading content from nearby edge server.

Easy-to-use CDN Service

Signing up for the Global CDN service is quick and easy thanks to the web-based console on Samsung Cloud Platform. The origin server and caching policy of the Edge server are also easy to set up, allowing for fast content delivery.

Enhanced Service Availability

Even when multiple simultaneous requests cause unwanted traffic surges, edge servers spread across different geographic locations guarantee fast delivery of contents without compromising usability. They also ensure service availability and stable service performance.

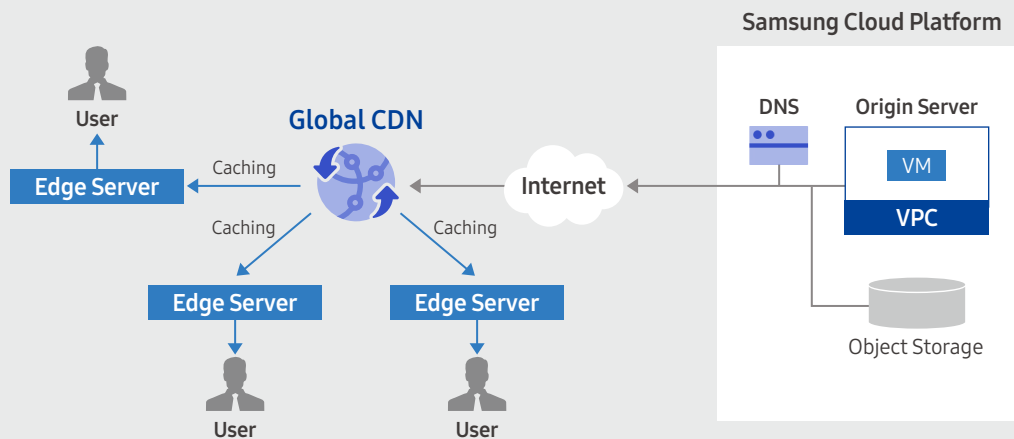
Use of Secure Contents

Supporting HTTP, HTTPS, HTTP/2 protocol, content caching with various origin servers are possible. If the TTL of a previously cached content is expired or the origin content is updated, existing cache in the edge server will be evicted. New content from the origin server will be cached to process the content request from an end-user, making it possible for users to get the latest content.

Efficient Cost Management

Even in settings that require huge traffic bursts (e.g. downloading a large file), stable service quality is guaranteed without mobilizing massive resources. Usage-based pricing also allows for efficient cost management.

Service Architecture



Key Features

- **Configuration for the origin server/content**
 - Configure the location and route of the origin server
 - Configure cache key to check the validity of the origin content
 - Compression of origin content results in less traffic and faster response
- **Configuration for caching**
 - Configure cached content policy and cache expiration time
 - Once the content expires (reaches the TTL), purge the content cached on the edge server
- **Contents protection**
 - Communication with the origin server using HTTPS protocol makes the content communication path more secure
 - Robust security feature of Global CDN guard the contents and user against DDoS/web-based attacks

Pricing

- **Billing**
 - Combined monthly price for CDN service

FOR MORE INFORMATION

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