Solbox File Delivery System

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1. Contents

1.1. Solbox File Delivery System

There are billions of Internet users around the world, file capacity is growing day by day and media usage is skyrocketing. Online users who stay up all night on the Internet want to get the information they want at the speed of light, anytime, anywhere. Solbox File Delivery provides an optimal solution that satisfies users, whether they are renting videos, downloading music, or upgrading to the latest software.

Solbox File Delivery is designed for flexible delivery of digital content regardless of its size and allows end users to quickly get the videos, music, images, games, and software they want without overloading the system.
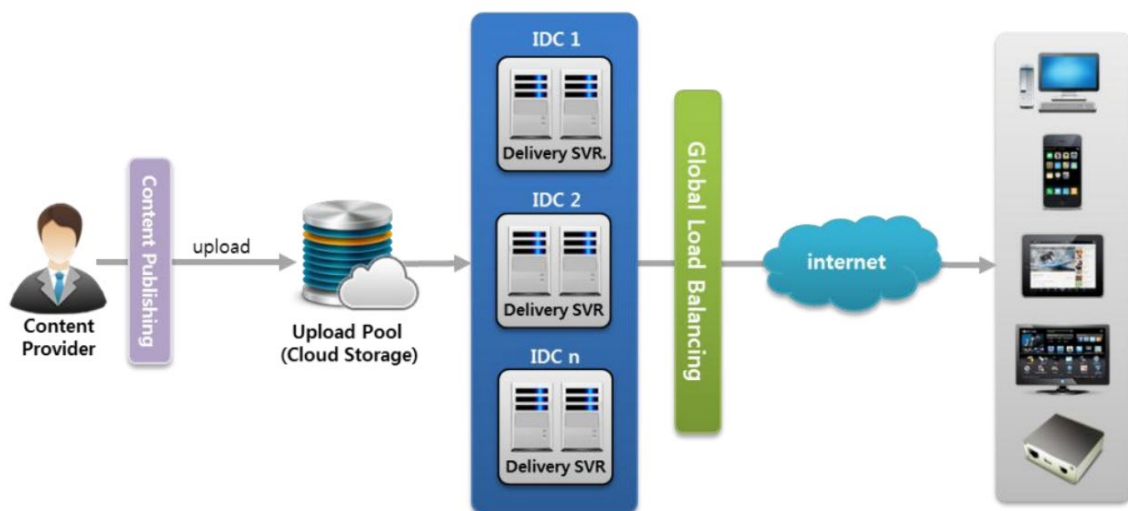
1.2. System Work Flow

Figure 1) Solbox File Delivery diagram

2. Benefit

- Provides reliable download services even when user traffic is congested at the same time.

- Delivers content flawlessly to end users by dramatically reducing problems such as network speed delays and packet loss.

3. Key Features

- **Content Upload Management**

  Further enhances the level of content management by suggesting various content upload methods such as FTP Client, rsync, and SDK API methods.

- **Security features with URL authentication methods**

  Protects content files via secure URL-authenticated download feature

- **Security function with URL Path encryption**

  Encrypt the URL path to avoid exposing the information contained in the content path.

- **Various Access Control**

  Controls access by IP, by referrer, and by user agent.

- **Supports streaming contents in various formats**

  Supports HTTP pseudo streaming and progressive Download for MP4 and FLV files.

- **Traffic Control by Session**

  Controls the traffic of connected online users to the desired level, preventing service providers from incurring more traffic costs than necessary.

- **Encrypted Communication Support**

  Supports HTTPS-based communication including TLS 1.3 protocol for content communication.

- **HTTP/2 Protocol Support**

  Supports HTTP/2-based communication for efficient communication with clients.

4. Applications

- Service for downloading large installation & patch files from online gaming sites
- Providing services that require regular and periodic download services, such as antivirus and adware
- Distributing various content files such as media files and maps and patch files
- Online sites that distribute various installation files such as HTS of stock companies and security programs of financial sites