

## Proxy Caching



### Description

Proxy Caching will help you retrieve Web pages on the server's hard disk so that the page can be quickly retrieved by the same or a different user the next time that page is requested.

A versatile and well-rounded proxy cache system provides QoE enhancement and bandwidth savings for ISP customers. Proxy Caching is done for security proxy. Proxy Cache provides high caching performance for 10Gbps throughput with a single system resulting in 40~50% bandwidth savings on average.

## HOW PROXY CACHE WORKS

The proxy cache eases bandwidth requirements and reduces delays that are inherent in a heavily trafficked, Internet-connected network. Because the page is stored locally on the proxy server, the page is delivered to the next request at local network speeds. The proxy cache also is advantageous when browsing multiple pages of the same Web site.

The proxy cache also stores all of the images and sub-files for the visited pages, so if the user jumps to a new page within the same site that uses, for example, the same images, the proxy cache has them already stored and can load them into the user's browser quicker than having to retrieve them from the Web site server's remote site.