NGINX –

* Lightweight, high-performance HTTP and reverse proxy server (TCP/UDP/IMAP/POP3/SMTP)
* Characterized by low memory usage and strong concurrency capability.
* Mainly developed for performance optimization.
* NGINX can support 50000 concurrent connections

Forward and Reverse Proxy

* NGINS is a reverse proxy server

Forward Proxy:

* Computers in LAN can access the internet through a proxy server. This proxy service is called forward proxy.

Reverse Proxy:

* Client cannot perceive the proxy.
* Request sent to reverse proxy server. The reverse proxy server selects the target server to obtain data and returns it to the client.
* Reverse proxy and target server are just to the outside world, which exposes server address and hides the real server IP address.

Commonly used commands

* View Version : nginx -v
* Start: nginx
* Shutdown : Nginx -s stop
* Determine whether the configuration file is correct – nginx -t
* Reload configuration : nginx -s reload

NGINX configuration file :

1. Global Block
2. Events Block
3. HTTP Block

Matching rules for location