NGINX: About NGINX

NGINX : Web-Server & Load Balancer

- **NGINX** is developed by the Russian Developer **Igor Sysoev**.
- Igor Sysoev originally wrote NGINX to solve the C10K problem.
- **NGINX** released as Open-Source in 2004.
- Today, NGINX and NGINX Plus can handle hundreds of thousands of concurrent connections, and power more than 50% of the busiest sites on the web.
- **NGINX** is open source software for web serving, reverse proxying, caching, load balancing, media streaming, and more.
- As HTTP server capabilities, NGINX can also function as a proxy server for email (IMAP, POP3, and SMTP) and a reverse proxy and load balancer for HTTP, TCP, and UDP servers.

NGINX : Web-Server & Load Balancer

- **NGINX** was created as Fastest Web-Server to serve the Concurrent Large Number of Requests.
- NGINX is commonly used as a reverse proxy and load balancer to manage incoming traffic and distribute it to slower upstream servers.
- NGINX Plus and NGINX are the best-in-class web server and application delivery solutions used by high-traffic websites such as Dropbox, Netflix. More than 400 million websites worldwide rely on NGINX Plus and NGINX to deliver their content quickly, reliably, and securely.
- As a software-only open source load balancer, NGINX is less expensive and more configurable than hardware load balancers, and is designed for modern cloud architectures.

NGINX : Web-Server & Load Balancer

- **NGINX** is a multifunction tool. With NGINX, user can use the same tool as load balancer, reverse proxy, content cache, and web server.
- NGINX supports micro services to HTTP/2 protocols.
- NGINX is docker Friendly, which makes it first choice for Cloud base Applications load Balancer.
- NGINX support N number of Open-Source third party libraries which make it more flexible and expendable.

Will see you in Next Lecture…

See you in next lecture …