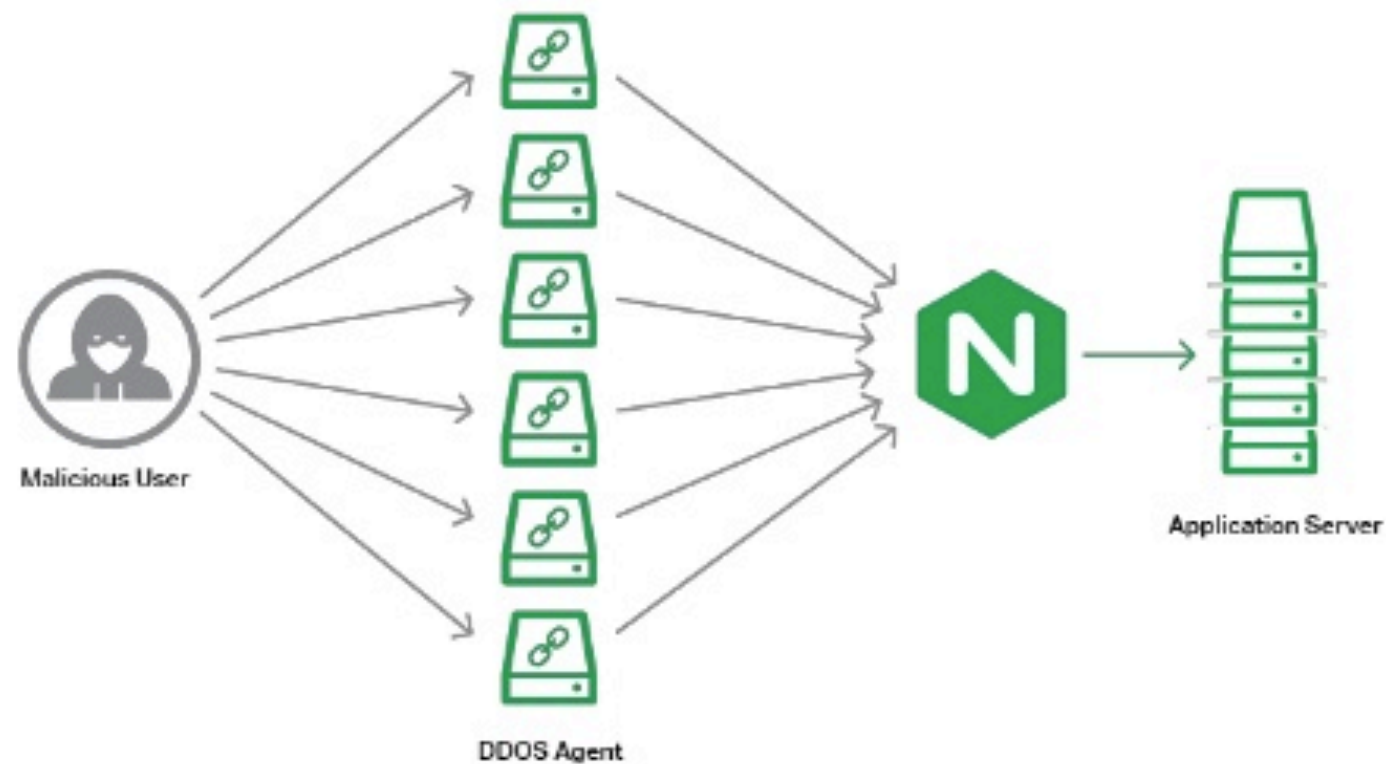


NGINX

NGINX: Rate Limit in Nginx

NGINX : Web-Server & Load Balancer

- **NGINX Rate Limit** - It allows User to limit the amount of HTTP requests a user can make in a given period of time.



NGINX : Web-Server & Load Balancer

- Rate limiting used for security purposes. For example, to slow down brute force password guessing attacks.
- To **protect against DDoS attacks** by limiting the incoming request rate to a value typical for real users, and identify the targeted URLs.

NGINX : Web-Server & Load Balancer

- NGINX rate limiting uses the *leaky bucket algorithm*, which is widely used in telecommunications and packet-switched computer networks to deal with burstiness when bandwidth is limited.



Will see you in Next Lecture...

Thank you!

A close-up photograph of a hand holding a black marker, completing the word 'Thank you!' in a cursive script on a white surface. The hand is positioned on the right side of the frame, with the index and thumb fingers visible, holding the marker. The marker is black with a silver band. The text 'Thank you!' is written in a fluid, cursive style, with the exclamation mark being the final stroke. The background is a plain, light-colored surface.

See you in next lecture ...