

Twitter Thread by [Alex Xu](#)



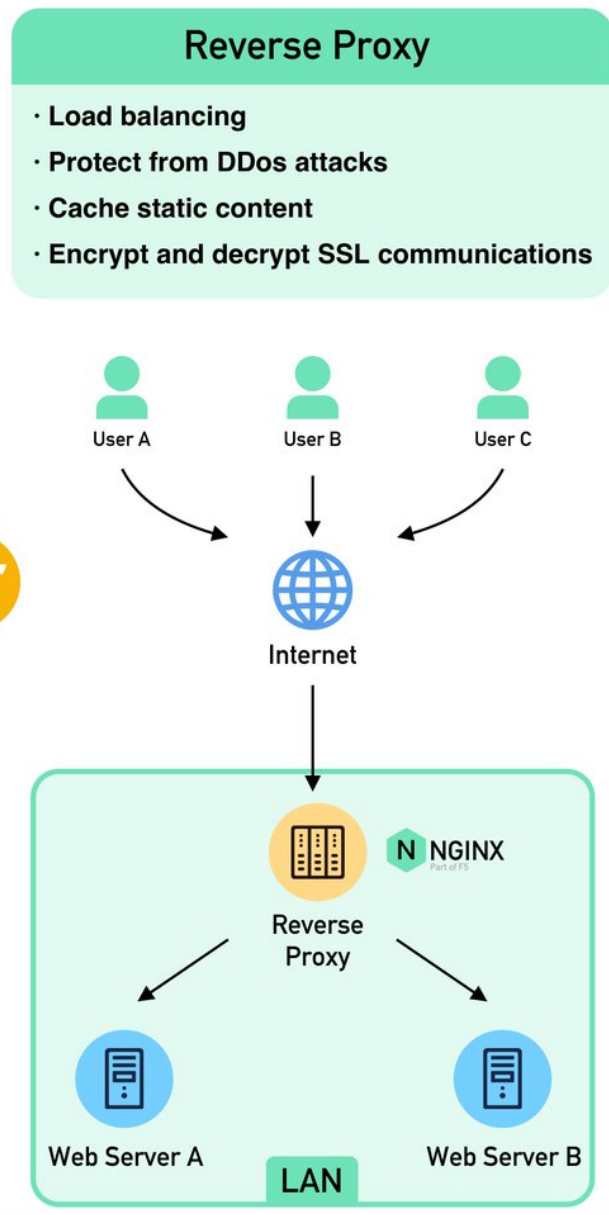
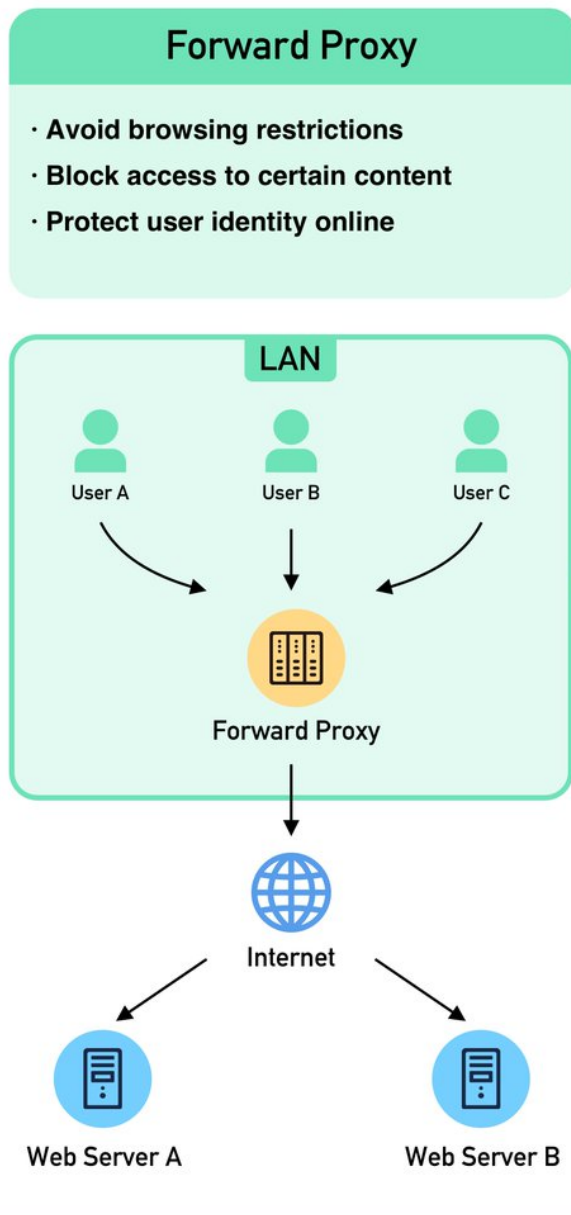
[Alex Xu](#)
[@alexxubyte](#)



/1 Why is Nginx called a “**reverse**” proxy?

The diagram below shows the differences between a **reverse** **proxy** and a **forward** **proxy**.

Forward Proxy v.s. Reverse Proxy



/2 ■ A forward proxy is a server that sits between user devices and the internet.

A forward proxy is good for:

- 1 ■ Protect clients
- 2 ■ Avoid browsing restrictions
- 3 ■ Block access to certain content

/3 ■ A reverse proxy is a server that accepts a request from the client, forwards the request to web servers, and returns the results to the client as if the proxy server had processed the request.

/4 A reverse proxy is good for:

- 1■■ Protect servers
- 2■■ Load balancing
- 3■■ Cache static contents
- 4■■ Encrypt and decrypt SSL communications

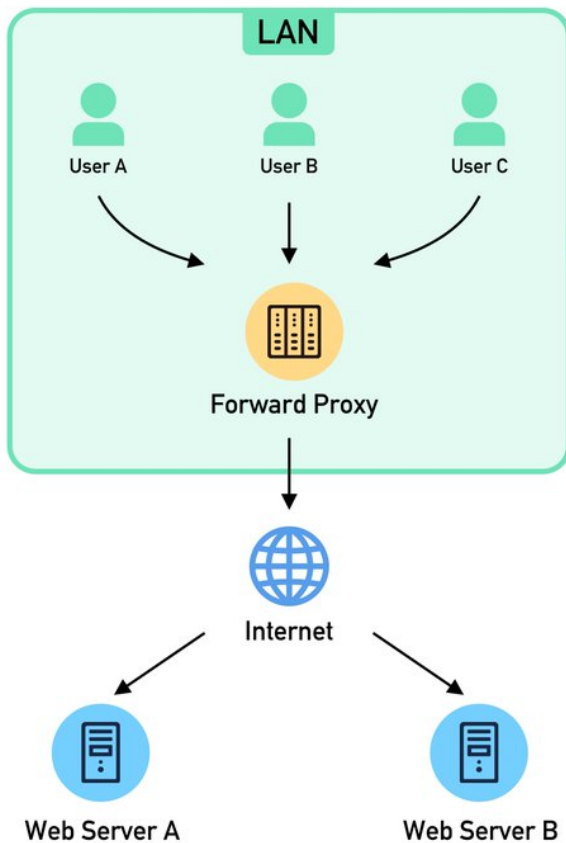
Good read: <https://t.co/bNbDjTmain>

Forward Proxy v.s. Reverse Proxy

ByteByteGo.com

Forward Proxy

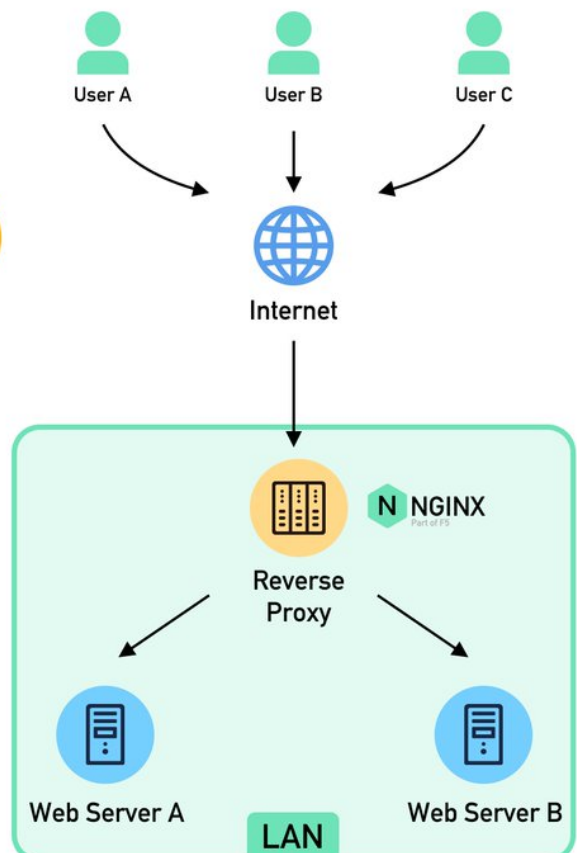
- Avoid browsing restrictions
- Block access to certain content
- Protect user identity online



VS

Reverse Proxy

- Load balancing
- Protect from DDos attacks
- Cache static content
- Encrypt and decrypt SSL communications



/5 Over to you: What's the difference between reverse proxy and load balancer? What are some of the most popular proxy servers?

/6 I hope you've found this thread helpful.

Follow me [@alexxubyte](#) for more.

Like/Retweet the first tweet below if you can: <https://t.co/1tAHc2EqDT>

/1 Why is Nginx called a

reverse proxy?

The diagram below shows the differences between a

reverse proxy and a

load balancer.

The diagram below shows the differences between a

reverse proxy and a load balancer. pic.twitter.com/k8xQwBVgW2

— Alex Xu (@alexxubyte) [September 29, 2022](#)