

Twitter Thread by [Alex Xu](#)



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



/1 Why is Nginx called a “██████████” proxy?

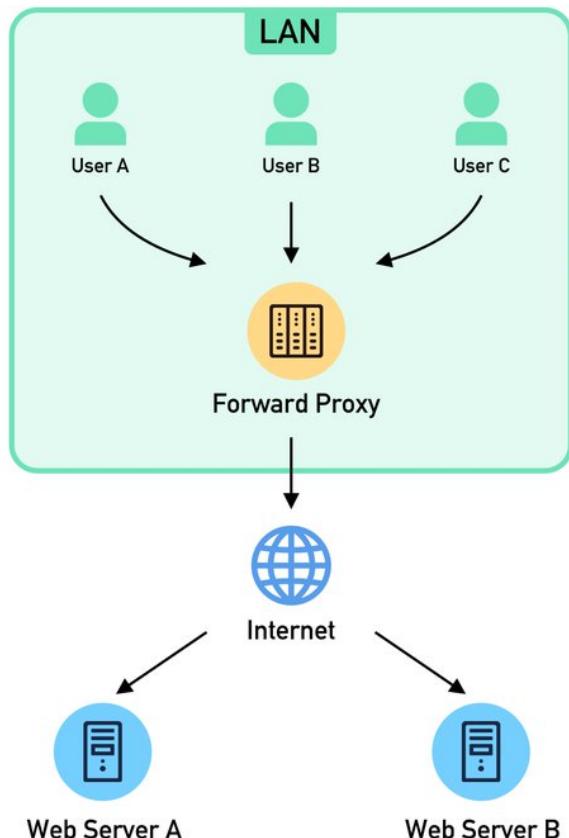
The diagram below shows the differences between a ██████████ █████ and a ██████████ █████.

Forward Proxy v.s. Reverse Proxy

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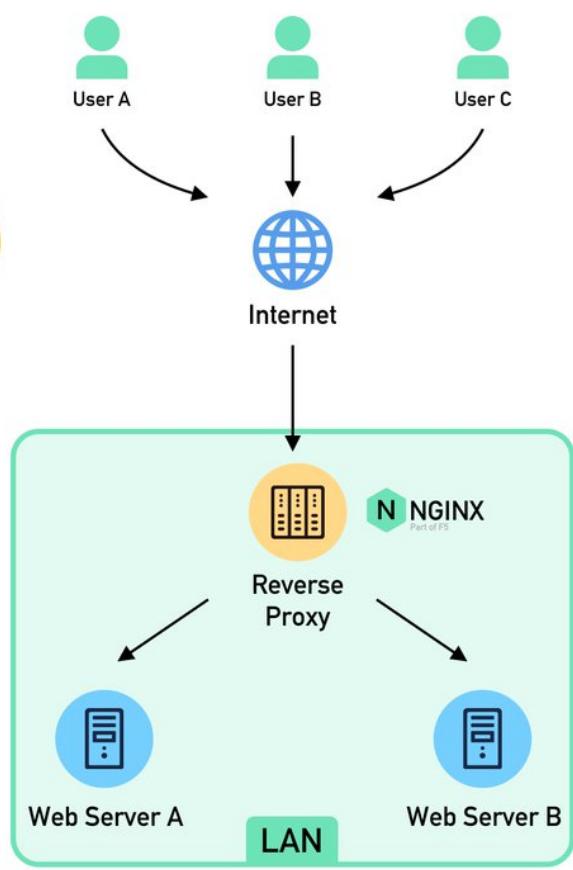
Forward Proxy

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



Reverse Proxy

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



/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

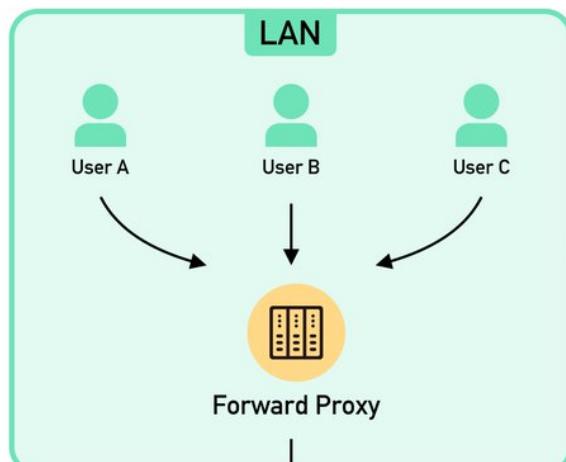
Good read: <https://t.co/bNbDjTmain>

Forward Proxy v.s. Reverse Proxy

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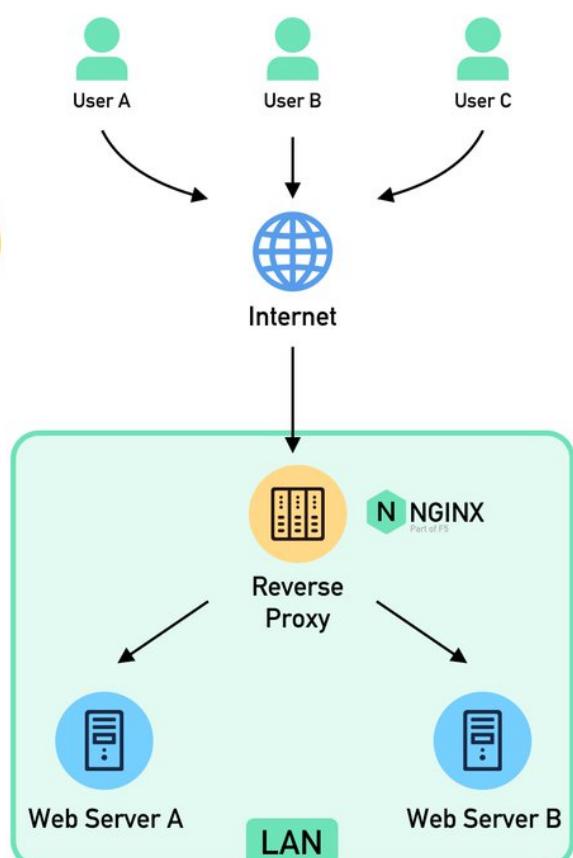
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/5 Over to you: What's the difference between reverse proxy and load balancer? What are some of the most popular proxy servers?

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

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\\u201c\\U0001d42b\\U0001d41e\\U0001d42f\\U0001d41e\\U0001d42b\\U0001d42c\\U0001d41e\\u201d proxy?

The diagram below shows the differences between a
\\U0001d41f\\U0001d428\\U0001d42b\\U0001d430\\U0001d41a\\U0001d42b\\U0001d41d
\\U0001d429\\U0001d42b\\U0001d428\\U0001d431\\U0001d432 and a
\\U0001d42b\\U0001d41e\\U0001d42f\\U0001d41e\\U0001d42b\\U0001d42c\\U0001d41e
\\U0001d429\\U0001d42b\\U0001d428\\U0001d431\\U0001d432. pic.twitter.com/k8xQwBVgW2

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