

Web Cache / Proxy 3

..... 3

Forward 3

Reverse 3

Transparent 4

..... 4

..... 5

Web Cache / Proxy

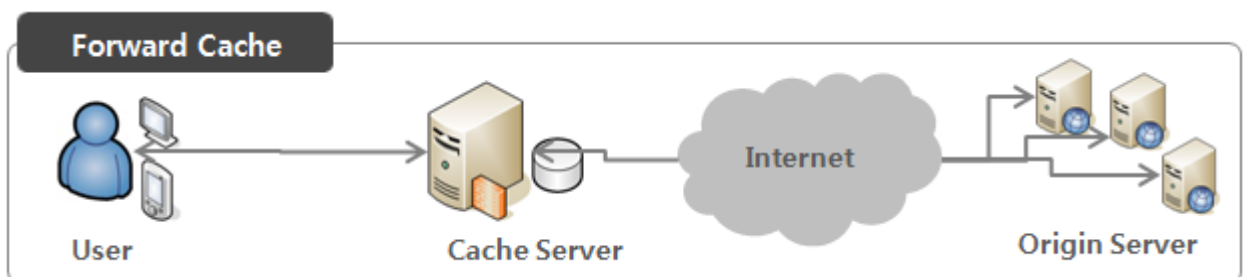
/ (HTML Page,) (Caching) ,

- Apache Traffic Server
- Squid
- Varnish
- HAProxy

3가 가 .

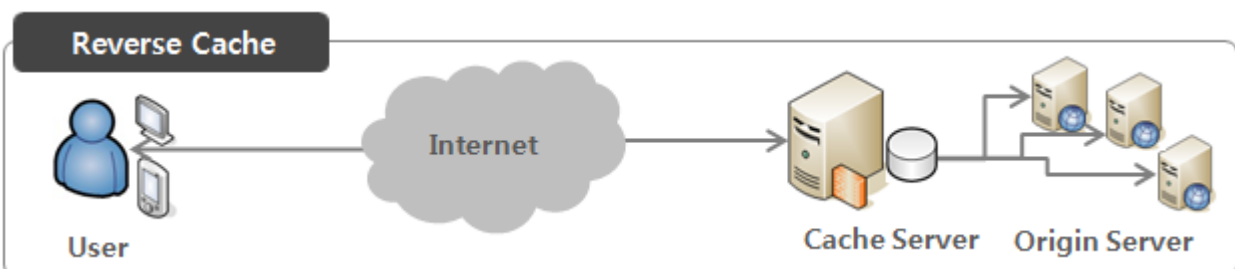
1. Forward
2. Reverse
3. Transparent

Forward



-

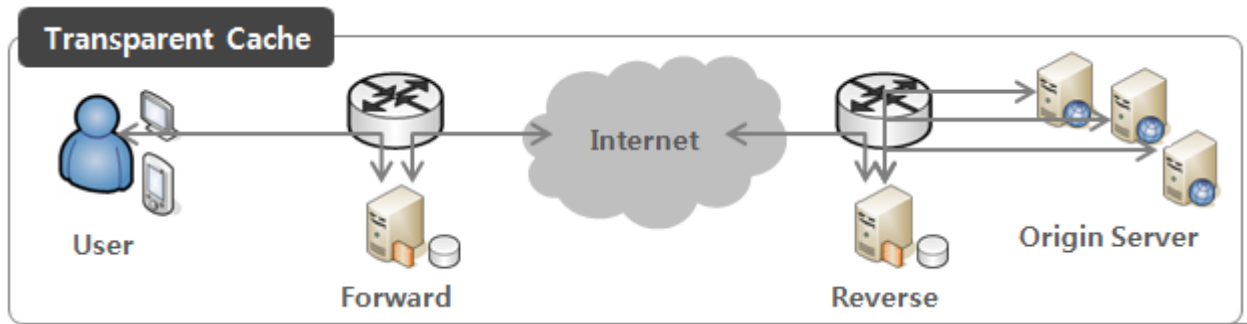
Reverse



-

가 가 가

Transparent



-
- NW (DPI redirection, PBR) Forward Reverse

- [Apache Traffic Server](#)
- [HAProxy](#)
- [Squid](#)
- [Varnish](#)

	ATS	HAproxy	nginx	Squid	Varnish	mod_proxy
Worker Threads	Y	N	N	N	Y	Y
Multi-Process	N	Y	Y	N	Y	Y
Event-driven	Y	Y	Y	Y	N	N?
Plugin APIs	Y	N	Y	part	Y	Y
Forward Proxy	Y	N	N	Y	N	Y
Reverse Proxy	Y	Y	Y	Y	Y	Y
Transp. Proxy	Y	Y	N	Y	N	N
Load Balancer	part	Y	Y	Y	Y	Y
Cache	Y	N	Y	Y	Y	Y
ESI	soon	N	N	Y	Y	N
ICP	Y	N	N	Y	N	N
Keep-Alive	Y	N	Y	Y	Y	Y
SSL	Y	N	Y	Y	N	Y

Table 4 - Comparison of Proxy Cache Solutions.

Supported Features	ATS	Nginx	Varnish	IIS with ARR	Squid
Reverse Proxy	Yes	Yes	Yes	Yes	Yes
Forward Proxy	Yes	No	No	Yes	Yes
Transparent Proxy	Yes	No	No	Yes	Yes
Plugin APIs	Yes	Yes	Yes	Yes	Yes
Cache	Yes	Yes	Yes	Yes	Yes
Edge Side Includes (ESI)	Yes	No	Partial	Yes	Yes
Internet Cache Protocol (ICP)	Yes	No	No	No	Yes
Secure Sockets Layer (SSL)	Yes	Yes	No	Yes	Yes
SPDY	Yes	Yes	No	No	No

- <https://d2.naver.com/helloworld/352076> # Varnish
- <https://gongspace.tistory.com/16> # ATS
- <https://chhanz.github.io/linux/2019/11/13/configuration-squid-proxy/> # Squid

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