aws marketplace

Varnish Enterprise

Reviews, tips, and advice from real users

Powered by PeerSpot

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Product Recap

Varnish Enterprise

Varnish Enterprise Recap

Varnish Enterprise significantly boosts web performance through advanced caching, enhancing content delivery and handling high traffic volumes. The tool's customization with VCL and robust SSL/TLS support ensure adaptable, secure, and efficient operations across various industries, making it a critical solution for dynamic and high-demand websites.

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Valuable Features

Excerpts from real customer reviews on PeerSpot:

- "Without Varnish Enterprise, we would need to scale our containers to around two hundred, but with Varnish Enterprise, we maintained fifty to eighty fewer containers while handling the same traffic, which was definitely advantageous."

Ankur Vaish

Infrastructure L2 Senior Associate & Architect at a media company with 10,001+ employees

- "Varnish Enterprise is not just a caching layer; it is a performance layer that enables showing real-time data with proper project architecture without issues."

Amit Kumar Sharma

Co-Founder at Infocus Software Solutions

- "Before and after implementation, there was a marked difference in the speed of the systems, and the users noticed it as well."

Arkajyoti Misra

Associate Director at Husk Power Systems

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"The reduction in latency with Varnish Enterprise has affected business outcomes positively because the conversion rate of search for the suggestions shown to users has been significantly higher than for the search pages they land on by manually typing out the whole query."

Validated user

Senior Engineer at a retailer with 5,001-10,000 employees

"Varnish Enterprise has positively impacted my organization through performance and efficiency."

Avadhutcpatil Patel

Project Manager at Dnyandeep Infotech

"Varnish Enterprise is quick and fast."

Praveenkumar Balakrishnan

Senior Dev Ops Engineer at a tech services company with 1,001-5,000 employees

"Varnish Enterprise has impacted my organization positively, as we are getting good clients because our websites are very fast and we are achieving good scores on Google Web Vitals."

AnilKumar49

Senior Solution Architect at a outsourcing company with 51-200 employees

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What users had to say about valuable features:

"Varnish Enterprise is quick and fast. We are using Varnish Enterprise as a reverse proxy for a customer stack of around 15 million. We have never faced any issue related to the speed of the site or Varnish latency issues. In that way, I would say that it is unique.."

Praveenkumar Balakrishnan
Senior Dev Ops Engineer at a tech services company with 1,001-5,000 employees

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"In my experience, everything about Varnish Enterprise has been quite useful. Varnish Enterprise has positively impacted my organization through performance and efficiency. I am not quite sure about the numbers right now, but I can see the effect and notice that Varnish Enterprise has been very helpful.."

Avadhutcpatil Patel
Project Manager at Dnyandeep Infotech

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"The best features Varnish Enterprise offers are the caching and the load balancing, which are the two main use cases for my organization.

"Varnish Enterprise stands out because it can be used to trim down the URL noise, which is really helpful in maintaining a very discreet cache. If users have different parameters but type one letter, they can all be shown the same suggestions regardless of their name or location. This has helped tremendously in cutting down the URL noise and has improved search traceability, aiding in investigating issues.

"Varnish Enterprise has positively impacted my organization by significantly reducing the API latency for my personal use case, and the same applies to other teams who use it.."

Validated user
Senior Engineer at a retailer with 5,001-10,000 employees

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"The best features that Varnish Enterprise offers are specifically for caching, and I believe the best use case is caching, which helps reduce infrastructure costs and serves pages very fast.

When caching reduces costs and speeds up page inference, it really impacts website performance and user experience. Our vendor has saved a lot of money because of these cached pages, and customer engagement has also increased.

Regarding the features, the primary feature is caching and the management of that cache, where TTL management and related functions are very good.

Varnish Enterprise has impacted my organization positively, as we are getting good clients because our websites are very fast and we are achieving good scores on Google Web Vitals.

I can share that there are not just one website, but a hundred websites where I have worked, and we improved website performance significantly and saved customers money through improvements in load time and Google Web Vitals scores.."

AnilKumar49
Senior Solution Architect at a outsourcing company with 51-200 employees

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"One of the best features Varnish Enterprise offers is how it maintains the cache, serving it via memory, which is very fast and helpful in our case. We did not want to add extra layers or scale our backend servers too much for cost reasons, and Varnish Enterprise was able to handle those requests well with its memory, as memory I/O is significantly faster than file system I/O.

The configuration of Varnish Enterprise was easy because it uses Varnish Configuration Language, which takes some time to get used to, but it is manageable. I particularly appreciated the request routing feature; if a cached request is not found, Varnish Enterprise dynamically routes the request to backend servers. It also shields the backend traffic and IPs, adding an advantage.

The challenge we solved with Varnish Enterprise is that it reduced RAM and resource consumption on the backend servers. When we added Varnish Enterprise, we did not see any spike in resource usage, but after removing it, we experienced a significant spike because all requests went to the backend servers, forcing us to scale up. Adding a single Varnish Enterprise server was enough since it maintained the cache efficiently, allowing for less scaling of the backend servers and containers, making it cost-effective.

Varnish Enterprise positively impacted our organization by saving us a considerable amount of cost. Without Varnish Enterprise, we would need to scale our containers to around two hundred, but with Varnish Enterprise, we maintained fifty to eighty fewer containers while handling the same traffic, which was definitely advantageous.."

Ankur Vaish

Infrastructure L2 Senior Associate & Architect at a media company with 10,001+ employees

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"With Varnish Enterprise, you can do a couple of things. The integration with Magento or Adobe Commerce works seamlessly, and you can use Varnish Enterprise with Redis or CDN so that it can gather all the load specification properly. Moreover, we can cache VCL based on location, which makes the e-commerce world a bit easier by allowing region-based caching pages for our customers.

Varnish Enterprise has a unique capability where a cost-effective solution can be designed, so we should not increase server specs merely out of fear of high traffic on our website. If you have Varnish Enterprise set up properly, you can handle a large part of the traffic using the Varnish Enterprise layer itself, leading to more advantages than disadvantages.

My expertise lies in e-commerce solutions, and when we explain our use cases to our customers, we clarify the advantages of Varnish Enterprise in performance. They appreciate understanding how Varnish Enterprise can help reduce costs without getting too technical.

When we were not using Varnish Enterprise, we had clients who believed they did not need it because the server load would be lower. However, as an enterprise solution for e-commerce, technicalities necessitate effective handling of page loads. Varnish Enterprise is not just a caching layer; it is a performance layer that enables showing real-time data with proper project architecture without issues.."

Amit Kumar Sharma
Co-Founder at Infocus Software Solutions

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Other Solutions Considered

"I do not really evaluate other options before choosing Varnish Enterprise; I just assess whether the Varnish Enterprise layer would suffice or if the enterprise level is necessary.."

Amit Kumar Sharma
Co-Founder at Infocus Software Solutions

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"When we were not using Varnish Enterprise, we had clients who believed they did not need it because the server load would be lower. However, as an enterprise solution for e-commerce, technicalities necessitate effective handling of page loads. Varnish Enterprise is not just a caching layer; it is a performance layer that enables showing real-time data with proper project architecture without issues.."

Amit Kumar Sharma
Co-Founder at Infocus Software Solutions

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"We implemented Varnish Enterprise by using the Helm charts that Varnish provides in the backend. It has been around three years since we did this implementation, so the exact details are a bit unclear, but I do remember the impact of it. We evaluated it against other solutions, including Fastly and Cloudflare, and Varnish Enterprise served us well.."

Arkajyoti Misra
Associate Director at Husk Power Systems

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"We were using some vendor products before. They were relatively slow, and we had to add more servers as the vendor just likes to scale horizontally. The product was not performing well with increasing load and issues kept appearing leading to end-user impact and a lot of manual maintenance. We ended up with 20 servers for a very minimalistic setup. It did nothing and still had issues. I just googled a bit and chose Varnish (open source) to try it, impressed with the results we went for the Enterprise version to ensure support. ."

Rogier Timmermans
Lead Engineer VOD & OTT at VOO

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ROI

Real user quotes about their ROI:

"I do not recall the exact revenue figures, but the speed improvement was significant. It was at least a forty percent improvement in the speed at which websites loaded, which was great.."

Arkajyoti Misra
Associate Director at Husk Power Systems

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"We have basic access to supportm but so far we're good with that. We got quite a good deal for three years, so I'm not unhappy with our investment. Our ROI seems to be quite decent for the deal we got in the end.."

Rogier Timmermans
Lead Engineer VOD & OTT at VOO

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"We tracked the savings by reviewing our AWS infrastructure billing dashboard, which shows usage of services. We compared the infrastructure usage before and after enabling Varnish Enterprise, observing a marginal difference and clear cost effectiveness.."

Ankur Vaish
Infrastructure L2 Senior Associate & Architect at a media company with 10,001+ employees

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"We have seen a return on investment with Varnish Enterprise in terms of reduced server costs because Varnish Enterprise allows us to lower server specs and resources. Additionally, customer experience improves, as they notice that the first byte load time is significantly faster.."

Amit Kumar Sharma
Co-Founder at Infocus Software Solutions

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Use Case

"My main use case for Varnish Enterprise is to review and check everything. I remember there was a hidden scenario for the cache that I used, and there was a specific one with managing my own workforce. Mainly it was workforce and task related, such as project management.."

Avadhutcpatil Patel
Project Manager at Dnyandeep Infotech

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"We are using Varnish Enterprise for reverse proxy and as a secure client. Varnish Enterprise initiates the OIDC for user-protected pages, and we also use it to do the reverse proxy to route the traffic to specific microservices. Varnish Enterprise is mainly for full-page caching, but we are not using it for caching purposes, but as a reverse proxy.."

Praveenkumar Balakrishnan
Senior Dev Ops Engineer at a tech services company with 1,001-5,000 employees

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"My main use case for Varnish Enterprise is to serve cached pages for end customers in the e-commerce domain.

Varnish Enterprise serves as the front layer for our website, so whenever any customer visits our website, they consume pages from Varnish Enterprise, specifically static pages such as the home page and listing pages.."

AnilKumar49
Senior Solution Architect at a outsourcing company with 51-200 employees

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"Varnish Enterprise is primarily used by my organization to cache responses for quick suggestions for users. For example, when users visit IndiaMART and start typing in the search box, we show them a list of suggestions to choose from, which is the module I work on—the suggest module. The request goes through Varnish, and if the request is already present in Varnish, we provide the response back immediately. If it is not there, we proceed to hit the back end servers.

"Varnish Enterprise is also used by my organization as a load balancer.."

Validated user
Senior Engineer at a retailer with 5,001-10,000 employees

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"I used Varnish Enterprise for caching at the application side, and within the application layer, there was one layer dedicated for Varnish where we maintained cache. Whatever needed to be cached and refreshed via cache was handled by Varnish, and the rest of the requests were sent to the backend servers.

I handled a project where any request triggered by the user via load balancer would go to the backend servers, and in the middle layer, there was a Varnish Enterprise layer. If we wanted to cache specific data such as /XYZ or /data or /API, when that path was requested, it was served by Varnish Enterprise, which prevented those specific paths from going to backend systems repeatedly because they were system-agnostic requests. Other requests were routed to the backend servers via Varnish Enterprise.."

Ankur Vaish

Infrastructure L2 Senior Associate & Architect at a media company with 10,001+ employees

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“ I use Varnish Enterprise as a performance system to handle caching and reduce the first time to load the page.

For example, when we experience a situation where we have just hit an event and are expecting huge traffic to come on our website, Varnish Enterprise helps us handle that traffic because our pages are cached into Varnish, the time to hit the server will be very minimal. Everything will be passed via Varnish pages, and then they will come to server hit pages such as shopping cart, checkout, and everything. That is where Varnish Enterprise helps with performance and load handling.

We mainly use Varnish Enterprise for marketing pages such as home page and PLP, or wherever we are trying to have marketing event-related pages, but there are some drawbacks. For instance, if we want to have a section loaded from the server, there is a loophole where we are not able to do it properly with hole-punching..”

Amit Kumar Sharma
Co-Founder at Infocus Software Solutions

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Setup

The setup process involves configuring and preparing the product or service for use, which may include tasks such as installation, account creation, initial configuration, and troubleshooting any issues that may arise. Below you can find real user quotes about the setup process.

"Initially, I deployed the product using the open-source version, and I'm still running that VCL code. Technically, I can switch back to the open-source version at any point because I'm not running any enterprise code except for the service itself,makes negotiating for a good deal very effective too.."

Rogier Timmermans

Lead Engineer VOD & OTT at VOO

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Customer Service and Support

"Customer support has been good, although I have not used it extensively. We mostly take care of things ourselves, but we receive prompt replies when we do reach out.."

Amit Kumar Sharma
Co-Founder at Infocus Software Solutions

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"Usually, it will take more than a day or two to get a reply from them, and we used to have email support only. If there is any urgent issue, we send out an email and it will take some time to get the response from the customer support team. My honest suggestion is to improve the customer support.."

Praveenkumar Balakrishnan
Senior Dev Ops Engineer at a tech services company with 1,001-5,000 employees

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Other Advice

"I would definitely recommend Varnish Enterprise to others looking into using it.

I find this interview very good and do not think anything needs to change for the future.

My review rating for Varnish Enterprise is eight out of ten.."

AnilKumar49
Senior Solution Architect at a outsourcing company with 51-200 employees

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"On a scale of one to ten, I would rate Varnish Enterprise a seven. Seven is a better rating because improvements are still being requested. Regarding Varnish Enterprise's AI capabilities, I cannot predict accuracy every time, but it will always be based on the scenario. I cannot say it is 100 percent accurate every time; it can be 70 to 80 percent, depending on the scenario only. If you want to save time and effort, you should go for Varnish Enterprise. Varnish Enterprise is quite good. My overall review rating for Varnish Enterprise is seven out of ten.."

Avadhutcpatil Patel
Project Manager at Dnyandeep Infotech

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"Varnish Enterprise can be used for caching. I am working on a use case for using Varnish as a caching layer on a microservice-based architecture, and I would suggest that one. However, with integration and other things, I won't recommend

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Varnish. Varnish is good for caching, but for other use cases, especially for our enterprise requirement, Varnish was not the best choice.

"Varnish Enterprise is a good product, but with some mild improvement it can be a great product. My overall review rating for this product is six out of ten.."

Praveenkumar Balakrishnan
Senior Dev Ops Engineer at a tech services company with 1,001-5,000 employees

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"The reduction in latency with Varnish Enterprise has affected business outcomes positively because the conversion rate of search for the suggestions shown to users has been significantly higher than for the search pages they land on by manually typing out the whole query. This is a clear conversion rate and is the KPI we always aim to improve.

"My advice for others looking into using Varnish Enterprise is to make sure that it justifies their use case and that it is not an overkill or an underkill for their particular requirement. I would rate this review an eight out of ten.."

Validated user
Senior Engineer at a retailer with 5,001-10,000 employees

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"I advise others looking into using Varnish Enterprise not to worry about its complexities but to focus on the advantages it brings to their projects. Understanding and appreciating these benefits will convince them that they should utilize Varnish Enterprise.

If you can improve the documentation for setup or enhance AI capabilities to facilitate faster setups, that would be something worth marketing.

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You could be more expressive about how Varnish Enterprise works within projects and include specific scenarios related to e-commerce, rather than keeping the questions too generic. My overall review rating for Varnish Enterprise is eight out of ten.."

Amit Kumar Sharma
Co-Founder at Infocus Software Solutions

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"I would rate Varnish Enterprise seven out of ten. I rated it a seven out of ten mainly because of the challenge with Varnish Configuration Language. If it could use a more familiar or custom language for configuration, it would be easier for us to learn and use effectively.

The governance and security of Varnish Enterprise is decent because it does not expose backend servers, IPs, or URLs, making its security good.

The accuracy and reliability of output from Varnish Enterprise's AI capabilities is fine; the responses are crisp and effective.

The integration process of Varnish Enterprise with our existing systems is fairly easy. You just need to configure caching paths and mention the backend server's IP or hostname. At the front end, requests are directed first to Varnish Enterprise, with specific path-based routing applied if necessary.

We handle monitoring and logging for Varnish Enterprise using Prometheus and Grafana, which was straightforward and similar to managing other EC2 servers.

Upgrades and maintenance for Varnish Enterprise have been smooth; we upgrade one server out of the loop, test it in a lower environment, and then replicate the upgrade in production.

I suggest others use Varnish Enterprise because my experience has been good. My overall rating for Varnish Enterprise is seven out of ten.."

Ankur Vaish
Infrastructure L2 Senior Associate & Architect at a media company with 10,001+ employees

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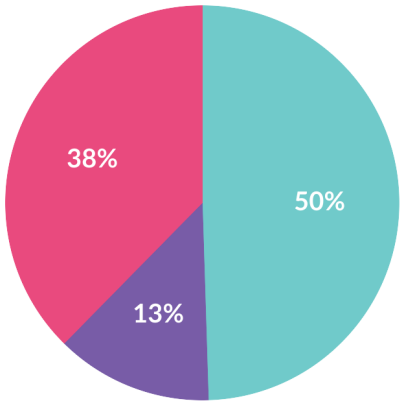
Company Size

by reviewers



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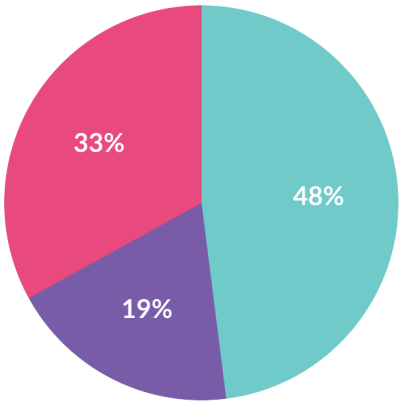

Large Enterprise Midsize Enterprise Small Business

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