

aws marketplace

Oracle Linux

Reviews, tips, and advice from real users



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Product Recap



Oracle Linux

Oracle Linux Recap

Oracle Linux is a stable, reliable, and scalable operating system primarily used for deploying and running Oracle databases. It is also suitable for various other functions, including managing operating systems and web servers, supporting traffic surveillance, and identity management.

Oracle Linux is highly valued for its stability, reliability, scalability, good technical support, and ease of use. It has helped organizations to achieve faster DNS queries, stable development environments, reduced vulnerability issues, good performance for Oracle applications, and improved ability to run test scenarios and parallel queries across massive databases.

Oracle Linux Features

Oracle Linux has many valuable key features. Some of the most useful ones include:

- The software is 100% free (no cost) to use, distribute, and update
- Ksplice allows for zero-downtime kernel and user-space upgrades
- DTrace provides comprehensive kernel and application tracing
- For Oracle Linux Support clients, Linux management and high availability are available at no additional cost
- It's Oracle-optimized and works well with Oracle Database and Oracle Applications
- New workload optimizations:
 - Enhanced memory performance by attempting to better locate a process near its memory and better placement of tasks that do not fit on a single NUMA node
 - SPECjbb's performance has been improved by up to 3.6 times thanks to optimizations that help reduce lock contention.
 - With bcache, it's simple to employ SSDs as a block cache for slower block devices. A new, scaled block layer subsystem supports many millions of I/Os on NVM-Express and high-end PCI-E devices.
- **Oracle Linux has three deployment options:**
 - **Linux in the cloud:** Oracle Linux Premier Support is included in all Oracle Cloud Infrastructure subscriptions at no additional cost.
 - **Linux on premises:** This is the industry's most comprehensive and open Linux distribution.
 - **Embedded Linux design:** Embedding a feature-rich Linux distribution is an optimized, cost-effective solution for your business.

Oracle Linux Benefits

There are many benefits to implementing Oracle Linux. Some of the biggest advantages the solution offers include:

- **Save money** by only paying for support for the systems you need
- **Improve security** by applying patches faster and spending less time troubleshooting and updating
- **Improve Oracle software and hardware performance**

Reviews from Real Users

Oracle Linux stands out among its competitors for a number of reasons. Two major ones are its stability and scalability. PeerSpot users take note of the advantages of these features in their reviews:

One PeerSpot reviewer, an IT Manager, reports, “I find the virtualization the most valuable.” He adds, “Oracle Linux is the best Linux operating system that I have ever known. [It is very stable and strong.](#)”

An Enterprise Architect at a financial services firm writes of the solution, “You also don't have memory issues, especially when it is engineered with platforms like Exadata and Oracle Cluster. These give you the most throughput and performance.” He adds, “[It is very scalable, especially on platforms like Oracle Cluster and Exadata.](#)”

Valuable Features

Excerpts from real customer reviews on PeerSpot:

- ✓ “Since we have migrated our workload to Oracle, we do see significant savings in our cost.”



Likhith M

Cloud Solutions Engineer at a computer software company with 1,001-5,000 employees

- ✓ “I find everything useful about Oracle Linux, as we are currently using Finance, Material Management, and Supply Chain.”



Dnyaneshwar Rajput

Manager, Information Technology at Gemini Equipment

- ✓ “The best features Oracle Linux offers in my experience are reliability, the latest updates, and I have never faced any attacks or vulnerabilities on Oracle Linux.”



Verified user

Cybersecurity Engineer at a manufacturing company with 10,001+ employees

✔ “Oracle Linux has a clear positive impact on our organization, both operationally and from a security and compliance standpoint.”



Verified user

Staff SecOps Engineer at a educational organization with 201-500 employees

✔ “Having used Oracle Linux, I can say money is saved because our server is working efficiently, and time is saved due to many inbuilt tools that help us since we are in the cloud network.”



Badhon Islam

System Engineer at Reve Systems

✔ “Oracle Linux is secure, and we have end-to-end support from Oracle, from the operating system to applications and ERP.”



SyedAli19

IT Department Manager at DHA Lahore

✔ “The solution provides the best return on investment.”



Thomas Waltair

Regional Head And Director Product Development at Neptune Software Group

What users had to say about valuable features:

“The main business advantage is maintaining compliance with Oracle licensing, avoiding non-compliance issues, and license revisions. Technically, it closely resembles Red Hat Enterprise Linux for bug-for-bug compatibility..”

Peter Karlsson

System specialist at Savecore

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“We do not use any features specific to the OS. We are more interested in the packages needed as prerequisites for Oracle databases. The performance, feasibility, and flexibility of the I/O subsystem are valuable to us. The compatibility of Kernel with Oracle is much better than other tools..”

Suresh_M

Database administrator at SSnC

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“Oracle is well-known for its strong security measures. I have a great deal of confidence in the security of the Oracle DB, including its ability to monitor changes made to the database.

The interface is good..”

Simon Wanyutu

Founder at Simpro Tech

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“Patches and upgrades for Oracle Linux are readily accessible. The package management system is streamlined and well-organized. Oracle Linux provides a more integrated approach to package management, consolidating resources and minimizing the need to search for various components separately. This centralized system simplifies the process of maintaining and updating the operating system..”

Verified user

Consultant at a comms service provider with 10,001+ employees

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“If we use Linux, Solaris, or some other operating systems, we have to build a lot of packages using RPMs (the packet manager). That's a difficult task. With Oracle Linux, we use a single command to update from the Oracle website.

It updates in minutes and downloads all necessary RPMs required for your database. This allows us to install our Oracle database without errors on Oracle Linux. We can prepare our server within 30 minutes if we have a good internet speed. Oracle platforms are steady and robust..”

Verified user

Assistant Vice President at ZTBL

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“We like that we can use the C++ coding while working with it.

The speed is quite good.

It's mostly very stable.

The operating system is fine.

It's pretty simple to setup, and we can do it in-house as it is not complex.

The solution is open-source. .”

Verified user

Chief Product Officer at a comms service provider with 51-200 employees

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Other Solutions Considered

“The core engine of Oracle Linux is based on Red Hat, making it a stable solution quickly. It is relatively better for enterprise customers rather than individual users..”

SHREEKANT DESHPANDE


IT Admin at Rosy Blue NV

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“We switched to Oracle Linux from another solution since it is our organization that provides us with software, it is. So they decided Oracle Linux to be the operating system we all use..”

Gaurav Babbar

Principal Engineer at Natwest

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“For mission-critical operations, Solaris is my preferred operating system, particularly for tasks like running Oracle databases. Solaris is chosen for its exceptional stability, ensuring uninterrupted 24/7, 52-week operations. The development philosophy of Solaris prioritizes stability and capabilities. In contrast, Linux prioritizes introducing new features, often at the expense of compatibility..”

Peter Karlsson

System specialist at Savecore

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“The evaluation of other solutions was not carried out at an organizational level but at a personal level, and I looked at Microsoft-based products. There are two different scenarios, one of which, at a personal level, I might have a different operating system on my computer, while in the second one, my office might be providing me with some different machine. But we need to acknowledge the fact that the company's decision is of paramount importance..”

Gaurav Babbar

Principal Engineer at Natwest

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“It is understandable and very easy to use Oracle Linux compared to other options I considered before choosing it.

“My advice to others looking into using Oracle Linux is that it is very easy and easily adaptable to any hardware. If you are choosing open-source applications, moving to the Linux environment makes Oracle Linux the best compared to Red Hat because Red Hat charges for satellite patching management while Oracle Linux offers a totally free repository to download and upgrade your Oracle without any cost..”

Behal Karun

System Administrator at a pharma/biotech company with 5,001-10,000 employees

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“At present, we are not as closely associated with Process Maker as we are with Microsoft and IBM. This is because many of our clients also use SharePoint and Office 365.

I am currently in the process of learning more about SharePoint myself. While I have some experience with the design aspect, I am trying to improve my skills and knowledge in this area through training and practice.

In the past, we used Microsoft technology, but we made the switch to Oracle due to its superior security and robustness..”

Simon Wanyutu

Founder at Simpro Tech

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ROI

Real user quotes about their ROI:

The return on investment from using Oracle Linux is the peace of mind it provides my team. Everything from Oracle tools to applications is well integrated within Oracle Linux.

SyedAli19

IT Department Manager at DHA Lahore

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For us, the return on investment is the peace of mind provided by Oracle Linux. Our team is comfortable using Oracle Linux as it integrates well with Oracle tools, making everything work seamlessly.

RajeshKumar4

Director of Provisioning Services at MRP ELITE

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“Oracle Linux contributed to reducing our operational costs by about ten percent by saving us from the operating system and license costs we would have had to pay Microsoft..”

SHREEKANT DESHPANDE

IT Admin at Rosy Blue NV

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“I do not have any numbers or examples regarding a return on investment to share because I do not conduct any tests to be able to decide this, but I know for a fact that I do not have to pay for subscription or licensing, and because it is Red Hat-based, most people know how to use it..”

Verified user

[Read full review](#) 

Senior Linux Engineer at a tech services company with 51-200 employees

“In terms of development, Oracle offers a rich set of tools and resources that developers can use to build their products. They also invest heavily in security, making their solutions strong in the security domain. Expertise is another key benefit, as Oracle relies on knowledgeable resellers who provide excellent support for clients. Additionally, their reseller program includes training opportunities, allowing clients to access training credits and ensure they fully benefit from Oracle’s offerings..”

Julius Mboya

[Read full review](#) 

Chief technical officer at Solvezy Technology Kenya Limited

“Having used Oracle Linux, I can say money is saved because our server is working efficiently, and time is saved due to many inbuilt tools that help us since we are in the cloud network.

“In terms of outcomes or benefits I've seen over the last year, we have more than 30 servers, and we only need to reboot one server while all other servers continue working fine, resulting in very low downtime, which is very helpful..”

Badhon Islam

System Engineer at Reve Systems

[Read full review](#) 

Use Case

“Oracle DB is used in one of the use cases that you have worked on, specifically for the database aspect. It is likely that all of the solutions that have been deployed and are currently running use the Oracle database..”

Simon Wanyutu

Founder at Simpro Tech

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“We use the solution for application servers. Linux offers many features, including CPU monitoring, memory management, hard disk monitoring, process management, and log management. We rely on command-line tools and shell scripts rather than graphical interfaces for these tasks..”

Verified user

Consultant at a comms service provider with 10,001+ employees

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“My use cases with Oracle Linux recently include the government of Goiás state in the Secretary of Economy, a GM concessionary of vehicles named Jorlan in Goiás, and Alnutri Alimentos, a rice and chili factory. Additionally, I have worked with the Ministry of Exterior of Brazil and many others..”

Clovis-Vieira

CTO at Seer Consulting Services Ltda

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“We use it for security purposes. Linux, or Solaris, offers more security and reliability than Windows operating systems. Windows is easier to attack.

Most files used by hackers are executables, and if your vendor's operating system isn't secure, that's a problem. That's why we use Oracle Linux; it's compatible with our database..”

Verified user

Assistant Vice President at ZTBL

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“In our company, we are using Oracle Linux for virtualized machines or VMs. So, Oracle Linux is the operating software for us. The tool is easy to use, and its performance is also good. From a competitive point of view, the solution is cost-effective, so it is installed in our machines..”

Gaurav Babbar

Principal Engineer at Natwest

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“We strategically use it in specific cases, leveraging it as a cost-effective substitute for Red Hat due to favorable license agreements with Oracle. In virtualized Oracle database scenarios, it helps meet licensing requirements by pinning workloads to specific cores. For customers with oversized machines, we employ it to ensure compliance, partitioning virtualized clusters to license only necessary components for Oracle databases. Sometimes, it coexists with another management solution, serving solely for core-pinning and compliance, while a separate solution manages virtual machines which optimizes licensing costs and aligns with Oracle's requirements for workload isolation and core-pinning, particularly in scenarios with larger-than-needed virtualized clusters for specific database workloads..”

Peter Karlsson

System specialist at Savecore

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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.

“The initial setup process can be challenging and not particularly straightforward, but with effort and careful reading, it can be successfully achieved..”

Simon Wanyutu

Founder at Simpro Tech

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“The deployment is similar to CentOS and takes an hour to complete.

I rate the initial setup an eight out of ten, where one is difficult and ten is easy..”

Verified user

Consultant at a comms service provider with 10,001+ employees

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“The product's setup is easy. The software's setup took six months to complete. We required a team of seven members consisting of developers and engineers to deploy the solution. .”

Joonik Jang

Operations Team Director at BINGGRAE CO LTD

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“Oracle is not known for its straightforwardness and often requires a certain level of skill, especially in the Linux environment. For someone setting it up from scratch, it took nearly a full day to get the server running by the end of the day..”

Julius Mboya

Chief technical officer at Solvezy Technology Kenya Limited

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“The initial setup is straightforward. I haven't noticed any complexities. The deployment takes several days. It doesn't take too long.

We have a team that handles deployment and maintenance. There are about five people and they are engineers..”

Verified user

Chief Product Officer at a comms service provider with 51-200 employees

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“We get the machines to work on, but since I am an end-user, I feel that I am not the right person to speak on how Oracle Linux does the setup and the cost involved in the solution. We let the staff involved in the deployment and maintenance know whenever we have an issue with the operating system. We generate a ticket, and depending upon an issue, they take a day maximum to resolve our issues..”

Gaurav Babbar

Principal Engineer at Natwest

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Customer Service and Support

“What makes technical support easier for us is that the Oracle DB is used for the CVS that is used. Therefore, the same person who provides support for Oracle is also able to provide support for CVS, which simplifies the process for us..”

Simon Wanyutu

Founder at Simpro Tech

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“With our machines, we do seek help from the solution's technical support. So, whenever we have an issue, as I mentioned, we go back to IT support to raise a ticket, and they resolve our issues in a day..”

Gaurav Babbar

Principal Engineer at Natwest

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“I find that Oracle is always good in customer service, but it depends on the backend. The initial support request handling is crucial. Not all support engineers at Oracle are the same, so sometimes I experience good support that resolves issues quickly, while other times, it loops. This is common. That said, overall, Oracle support is good..”

Verified user

Senior Infrastructure Specialist at a financial services firm with 11-50 employees

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“In most cases, users have found the support to be reliable. I appreciate their support page and the effective manner in which they handle technical support calls—it's generally quite satisfactory. Often, the questions I encounter are more suited for second-line support rather than the initial, first-line support. I would appreciate a quicker transition to second-line support for more efficient resolution. I would rate it eight out of ten..”

Peter Karlsson

System specialist at Savecore

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“I find Oracle's support to be deficient in response time; it is often low, and the call options for small price forms are difficult. However, the knowledge base is very good and fair, and I believe the main feature of Oracle support, formerly known as Metalink, is an extremely useful resource.

“I would rate the support as a six or seven, concluding that my score is about seven..”

Clovis-Vieira

CTO at Seer Consulting Services Ltda

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“We got a few opportunities to interact with the support team when we had vulnerabilities in Kernel. We contacted the team for feedback on which version to use to fix the vulnerability. We have created four or five tickets. All the tickets were supported very well.

Once, we created a database ticket that required a spin-off ticket to the operating system team. We could easily create the ticket and get both teams to work together. That is the advantage of having both Oracle Enterprise Linux and Oracle Database..”

Suresh_M

Database administrator at SSnC

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Other Advice

“If you're seeking a stable and reliable enterprise distribution, it is an excellent choice. It stands out with its stability and a team of skilled engineers within the company. It's a strong distribution worth considering for a dependable and efficient workhorse in an enterprise environment. Overall, I would rate it seven out of ten..”

Peter Karlsson

System specialist at Savecore

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“I'd recommend that you use it. The main challenge for new users of Linux is the command-line interface (CLI). It can be intimidating if you're not familiar with it.

However, Oracle provides excellent manuals and installation guides on its website. If you follow those guidelines, you won't have problems. Oracle Linux is secure and reliable.

Overall, I would rate the solution a ten out of ten. It is a good product. .”

Verified user

Assistant Vice President at ZTBL

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“If you were to buy Oracle Data Vault or something similar, it includes a firewall. Securing the DPU with Oracle Data Vault is great, but it costs a fortune.

In data center operations, we use distributors. As far as I know, it's distributed across sixteen sites. Besides Oracle Linux, we have other solutions such as Oracle Forms, Reports, and EDS.

I would advise knowing the number of calls and CPUs required for each application and their allocation.

Overall, I rate the solution a ten out of ten..”

Prajith Chowthee

Independent Consultant at Unaikui

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“Oracle Linux is a Linux distribution known for its strong kernel security, which helps ensure the kernel remains resilient against various threats. It provides regular security updates to maintain a secure environment for applications and server operations. Its compatibility with Oracle databases enhances performance and integration. Additionally, as a Linux-based OS, it supports automation through scripting, which aids in managing routine tasks effectively. Overall, Oracle Linux is recognized for its stability and reliability.

Oracle is highly focused on security features and regularly performs necessary tests on its Linux version. If any vulnerabilities are identified, Oracle promptly releases patches. This proactive approach helps ensure that applications running on Oracle Linux are securely maintained and protected.

Oracle is a great product if you have money. I would suggest exploring other open-source options to better manage costs, unless you have specific compliance requirements or other constraints that necessitate using Oracle Linux. In most cases, open-source solutions can be more cost-effective. However, if budget is not a concern, you might consider sticking with Oracle Linux for its robust features.

Overall, I rate the solution an eight out of ten..”

Julius Mboya

Chief technical officer at Solvezy Technology Kenya Limited

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“We are using synchronous I/O and ASM storage. We are not using any other features. Before bringing in improvements, we want to evaluate [RHEL](#) and OEL for better integration of the platforms and the virtual machines we are deploying. We are checking the compatibility of [RHEL](#) and OEL with our existing infrastructure.

We want the product to support the database, have more compatibility, and give fewer issues during peak workloads. These are the things we are looking for. We

are mainly concerned about library support, security patching, and technical support from the vendor.

I am an end user. I am not aware of the deployment process. The operating system will be deployed as per our specifications, and it will be given to us. We perform the database installation on it.

We do not have much interaction with the development team. We only interact with the team when it needs to create a new database or a user inside it. I recommend the solution to others. Most of the Oracle tools were developed on [Oracle Enterprise Linux](#). Compatibility and support-wise, everything will be under a single umbrella. We do not have to find another vendor. We have an unlimited license for Database. I do not know the terms.

Overall, I rate the solution a nine out of ten..”

Suresh_M

Database administrator at SSnC

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“Regarding Matillion data in ETL, I do not have experience with materialized views.

“I have experience with other products besides [Snowflake](#), including [AWS RDS](#) in the on-premise world, an [OCI](#) Oracle database, [SQL Server](#) in an on-premises environment, SQL in [Azure](#), Big Data from GCP, and a bit of experience with [Databricks](#) and Oracle HeatWave too.

“I have experience with Oracle database versions from six to 24 AI.

“Oracle Linux is the Oracle operating system, specifically Oracle [Enterprise Linux](#).

“I have experience with Oracle Linux from the sixth version to the eighth version, with a small experience using the ninth version as well.

“My use of Oracle Linux does not include Ksplice for zero downtime updates; I am

unclear on that feature.

“Regarding SE Linux security, many customers disable this feature; however, in some use cases within the Secretary of Economy and the Ministry of Exterior Commerce of Brazil, this feature is enabled. Although I don't have extensive experience with this feature, I find that SE Linux offers impressive security strength within the Linux environment, and it also restricts inappropriate access for databases.

“Oracle Linux has good integration and usability with Red Hat Linux because it is based on Red Hat. Moreover, it is normally compatible with SUSE and other Linux distributions and supports standard communication protocols like SSH. Additionally, it maintains compatibility with Windows servers.

“In my opinion, I don't currently see potential improvements for Oracle Linux because I believe its features are sufficient for database environments and more, particularly in the Red stack. Overall, I believe Oracle Linux is good as it is.

“In my opinion, the price for Oracle Linux is fair and acceptable for companies in the market that utilize it.

“My overall score for Oracle Linux as a product is ten..”

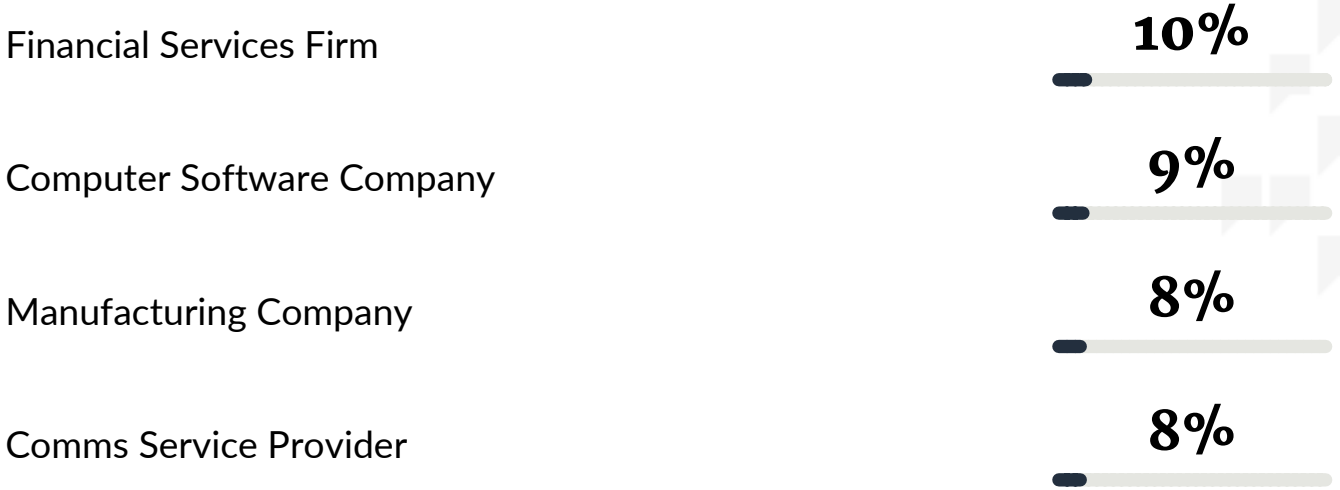
Clovis-Vieira

CTO at Seer Consulting Services Ltda

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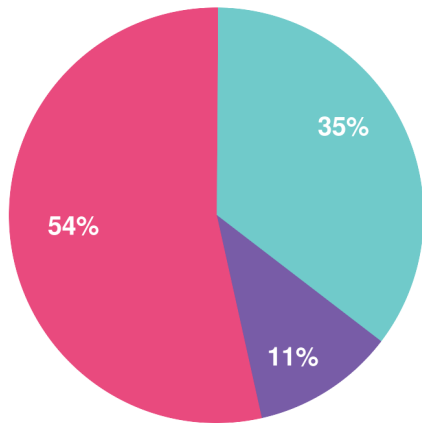
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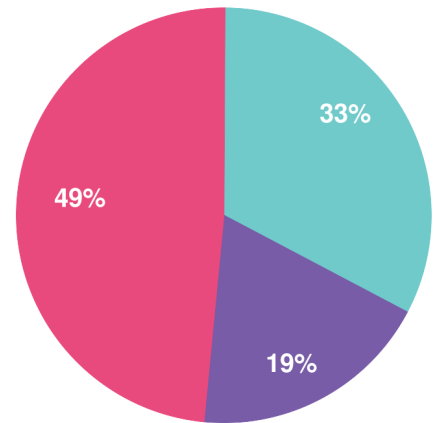


Company Size

by reviewers



by visitors reading reviews



Large Enterprise Midsize Enterprise Small Business

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