

OpenStack Cloud

OpenStack is the leading open source software
for web scale private clouds

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U What is OpenStack?

OpenStack is an open source cloud computing software platform.

OpenStack consists of projects that control pools of storage, computing and networking resources throughout a data center. This data center can be managed through a web-based interface, command-line tools, or through a REST API.

Which OpenStack cloud do you need?



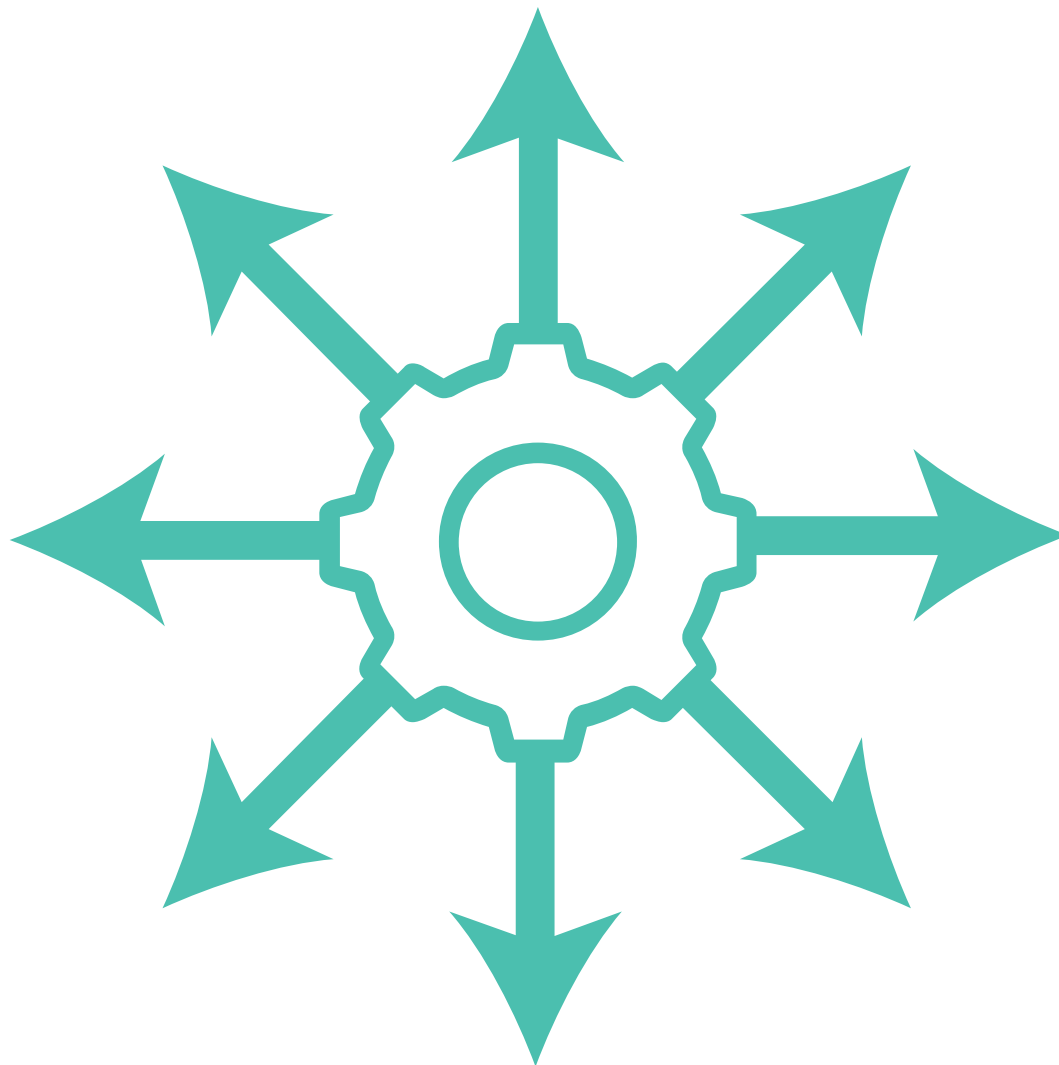
OpenStack consumption models vary depending on an organization's needs, budget, and expertise. The following comparison weighs pros and cons for popular ways to consume OpenStack.



DIY

Perhaps the most common approach is to “DIY” (Do-It-Yourself) by downloading the [OpenStack source code](#) and deploying it in your own data center, without external assistance. DIY is inexpensive, however, it requires considerable in-house expertise to be a viable option (which arguably can be an even greater expense, given the scarcity of OpenStack engineers).





Distro

OpenStack distributions provide increased stability and vendor support when compared against DIY, albeit at a potentially higher cost (assuming a subscription to vendor support is purchased). 451 Research **previously indicated**: “Distributions have a lower TCO than DIY if an enterprise is able to save at least 45% of its manpower costs by using a distribution.”





Managed Cloud

Managed OpenStack expands on the Distro approach by further reducing risk, leveraging experts from a 3rd-party to operate your private cloud on your behalf, in your data center. The increased support costs of this model are somewhat offset by reduced resource requirements for your organization.

