



Welcome to OpenStack Documentation

What is OpenStack? OpenStack is a cloud operating system that controls large pools of compute, storage, and networking resources throughout a datacenter, all managed through a dashboard that gives administrators control while empowering their users to provision resources through a web interface.

What Are The Next Steps?

View The Docs 

Get OpenStack 

Get Training 

(<https://www.openstack.org/software/start/>)

(<https://www.openstack.org/marketplace/training>)

Documentation for Ocata (February 2017)

This is the latest release. Use the menu to select a prior release if needed.

More Releases & Languages ▼

Release Notes

New features, upgrade and deprecation notes, known issues, and bug fixes

OpenStack Projects Release Notes (<http://releases.openstack.org/ocata/index.html>)

OpenStack Documentation Release Notes (</releasenotes/openstack-manuals/ocata.html>)

Installation Tutorials And Guides

Getting started with the most commonly used OpenStack services

Installation Tutorials and Guides (</project-install-guide/ocata/>)

Deployment Guides

Choose how to deploy OpenStack and get started with the most commonly used OpenStack services

Deployment Guides (</project-deploy-guide/ocata/>)

Operations And Administration Guides

Administrator Guide (</admin-guide/>)

Manage and troubleshoot an OpenStack cloud

High Availability Guide (/ha-guide/)

Install and configure OpenStack for high availability

Operations Guide (/ops-guide/)

Design, create, and administer a production OpenStack cloud

Security Guide (/security-guide/)

Guidelines and scenarios for creating more secure OpenStack clouds

Virtual Machine Image Guide (/image-guide/)

Obtain, create, and modify OpenStack-compatible virtual machine images

Architecture Design Guide (/arch-design/)

Guidelines for designing an OpenStack cloud

Networking Guide (/ocata/networking-guide/)

Deploy and manage OpenStack Networking (neutron)

Configuration Guides

Configuration Reference (/ocata/config-reference/)

Installation and configuration options for OpenStack

API Guides

API Guide (<https://developer.openstack.org/api-guide/quick-start/>)

OpenStack API Documentation

User Guides

End User Guide (includes Python SDK) (/user-guide/)

Create and manage resources using the OpenStack dashboard, command-line client, and Python SDK

Command-Line Interface Reference (/cli-reference/)

Comprehensive OpenStack command-line reference

Open source software for application development (<https://developer.openstack.org>)

Resources for application development on OpenStack clouds

Project-Specific Guides

Services and Libraries (/developer/openstack-projects.html)

Documentation for OpenStack services and libraries

Language Bindings and Python Clients (/developer/language-bindings.html)

Documentation for the OpenStack Python bindings and clients

Contributor Guides

OpenStack Documentation Contributor Guide (</contributor-guide/index.html>)

Documentation workflow and conventions

OpenStack Technical Committee Governance Documents (<https://governance.openstack.org/tc/>)

OpenStack Technical Committee reference documents and official resolutions

OpenStack Project specifications (<http://specs.openstack.org/>)

Specifications for future project features

OpenStack Project Team Guide (</project-team-guide/>)

Guide to the OpenStack project and community

OpenStack Developer and Community Infrastructure Documentation (</infra/>)

Development and infrastructure documentation

OpenStack I18n Guide (</developer/i18n/>)

Internationalization workflow and conventions

Join the OpenStack Foundation (<https://www.openstack.org/join/>)

How to join the OpenStack Foundation

Take the Deployment Survey (<https://www.openstack.org/user-survey/>)

Influence the future of OpenStack

Training Guides And Training Labs


Upstream training (</upstream-training/>)

Resources for the OpenStack Upstream Training program

Training Labs (/training_labs/)

Tools for OpenStack Training. Automatic deployment of lean virtualized multi-node openstack cluster.

Documentation treated like code, powered by the community - interested?

How To Contribute  (</Contributor-Guide/Index.Html>)

OpenStack

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- [Common Questions \(https://www.openstack.org/projects/openstack-faq/\)](https://www.openstack.org/projects/openstack-faq/)
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