

Bare Metal service installation guide

» (get_started.html) | 🐛 (https://bugs.launchpad.net/ironic/+filebug?field.title=Bare%20Metal%20service%20installation%20guide%20in%20Installation%20Guide%20for%20Bare%20Metal%20Service&field.comment=%0A%0A-----%0ARelease:%200.1%20on%202016-11-09%2020:35%0ASHA:%20e3bedc4eadbafbf11c1e26a216e9d40a1839a838%0ASource:%20http://git.openstack.org/cgit/openstack/ironic/tree/install-guide/source/index.rst%0AURL: http://docs.openstack.org/project-install-guide/baremetal/draft/&field.tags=install-guide)

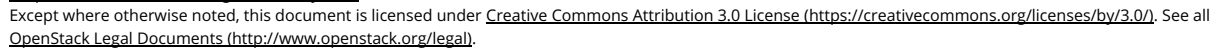
UPDATED: 2016-11-09 20:35

The Bare Metal service is a collection of components that provides support to manage and provision physical machines.

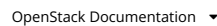
This chapter assumes a working setup of OpenStack following the [OpenStack Installation Guides \(http://docs.openstack.org/#install-guides\)](http://docs.openstack.org/#install-guides). It contains the following sections:

- [Bare Metal service overview \(get_started.html\)](#)
- [Install and configure the Bare Metal service \(install.html\)](#)
 - [Install and configure for Red Hat Enterprise Linux and CentOS \(install-rdo.html\)](#)
 - [Install and configure for Ubuntu \(install-ubuntu.html\)](#)
 - [Install and configure for openSUSE and SUSE Linux Enterprise \(install-obs.html\)](#)
- [Integration with other OpenStack services \(configure-integration.html\)](#)
 - [Configure the Identity service for the Bare Metal service \(configure-integration.html#configure-the-identity-service-for-the-bare-metal-service\)](#)
 - [Configure Compute to use the Bare Metal service \(configure-integration.html#configure-compute-to-use-the-bare-metal-service\)](#)
 - [Create Compute flavors for use with the Bare Metal service \(configure-integration.html#create-compute-flavors-for-use-with-the-bare-metal-service\)](#)
 - [Configure Networking to communicate with the bare metal server \(configure-integration.html#configure-networking-to-communicate-with-the-bare-metal-server\)](#)
 - [Create and add images to the Image service \(configure-integration.html#create-and-add-images-to-the-image-service\)](#)
- [Configure the Bare Metal service for cleaning \(configure-cleaning.html\)](#)
- [Configure tenant networks \(configure-tenant-networks.html\)](#)
- [Enrollment \(enrollment.html\)](#)
 - [Enrollment process \(enrollment.html#enrollment-process\)](#)
 - [Enrolling a node \(enrollment.html#enrolling-a-node\)](#)
 - [Logical names \(enrollment.html#logical-names\)](#)
 - [Hardware Inspection \(enrollment.html#hardware-inspection\)](#)
- [Enabling HTTPS \(enabling-https.html\)](#)
 - [Enabling HTTPS in Swift \(enabling-https.html#enabling-https-in-swift\)](#)
 - [Enabling HTTPS in Image service \(enabling-https.html#enabling-https-in-image-service\)](#)
 - [Enabling HTTPS communication between Image service and Object storage \(enabling-https.html#enabling-https-communication-between-image-service-and-object-storage\)](#)
 - [Enabling HTTPS communication between Image service and Bare Metal service \(enabling-https.html#enabling-https-communication-between-image-service-and-bare-metal-service\)](#)
- [Using Bare Metal service as a standalone service \(standalone.html\)](#)
 - [Other references \(standalone.html#other-references\)](#)
- [Enabling the configuration drive \(configdrive\) \(configdrive.html\)](#)
 - [When used with Compute service \(configdrive.html#when-used-with-compute-service\)](#)
 - [When used standalone \(configdrive.html#when-used-standalone\)](#)
 - [Accessing the configuration drive data \(configdrive.html#accessing-the-configuration-drive-data\)](#)
 - [Cloud-init integration \(configdrive.html#cloud-init-integration\)](#)
- [Building or downloading a deploy ramdisk image \(deploy-ramdisk.html\)](#)
 - [Building from source \(deploy-ramdisk.html#building-from-source\)](#)
- [Setup the drivers for the Bare Metal service \(setup-drivers.html\)](#)
 - [PXE setup \(setup-drivers.html#pxe-setup\)](#)
 - [PXE UEFI setup \(setup-drivers.html#pxe-uefi-setup\)](#)
 - [iPXE setup \(setup-drivers.html#ipxe-setup\)](#)
 - [PXE Multi-Arch setup \(setup-drivers.html#pxe-multi-arch-setup\)](#)
 - [Networking service configuration \(setup-drivers.html#networking-service-configuration\)](#)
 - [IPMI support \(setup-drivers.html#ipmi-support\)](#)
 - [Configure node web console \(setup-drivers.html#configure-node-web-console\)](#)
 - [Boot mode support \(setup-drivers.html#boot-mode-support\)](#)
 - [Choosing the disk label \(setup-drivers.html#choosing-the-disk-label\)](#)
- [Advanced features \(advanced.html\)](#)
 - [Local boot with partition images \(advanced.html#local-boot-with-partition-images\)](#)
 - [Specifying the disk for deployment \(root device hints\) \(advanced.html#specifying-the-disk-for-deployment-root-device-hints\)](#)
 - [Appending kernel parameters to boot instances \(advanced.html#appending-kernel-parameters-to-boot-instances\)](#)
 - [Trusted boot with partition image \(advanced.html#trusted-boot-with-partition-image\)](#)
- [Troubleshooting \(troubleshooting.html\)](#)
 - [Maintenance mode \(troubleshooting.html#maintenance-mode\)](#)
- [Next steps \(next-steps.html\)](#)

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? QUESTIONS? ([HTTP://ASK.OPENSTACK.ORG](http://ask.openstack.org))



- Bare Metal service overview (get_started.html)
- Install and configure the Bare Metal service (install.html)
- Integration with other OpenStack services (configure-integration.html)
- Configure the Bare Metal service for cleaning (configure-cleaning.html)
- Configure tenant networks (configure-tenant-networks.html)
- Enrollment (enrollment.html)
- Enabling HTTPS (enabling-https.html)
- Using Bare Metal service as a standalone service (standalone.html)
- Enabling the configuration drive (configdrive) (configdrive.html)
- Building or downloading a deploy ramdisk image (deploy-ramdisk.html)
- Setup the drivers for the Bare Metal service (setup-drivers.html)
- Advanced features (advanced.html)
- Troubleshooting (troubleshooting.html)
- Next steps (next-steps.html)

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- OpenStack Security (<http://openstack.org/projects/openstack-security/>)
- Common Questions (<http://openstack.org/projects/openstack-faq/>)
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- Contribute (<http://docs.openstack.org/infra/manual/developers.html>)

- OpenStack Manuals (<http://docs.openstack.org>)
- Getting Started (<http://openstack.org/software/start/>)
- API Documentation (<http://developer.openstack.org>)
- Wiki (<https://wiki.openstack.org>)

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- Trademark Policy (<http://openstack.org/brand/openstack-trademark-policy/>)
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- OpenStack CLA (https://wiki.openstack.org/wiki/How_To_Contribute#Contributor_License_Agreement)

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