

# Virtual Storage Manager for Ceph

Version:

Source:

Keywords:

Supported Combo:

## Preparation

*VSM CANNOT manage Ceph Cluster not created by it*

Note

## Roles

### Controller Node

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### Storage Node (a.k.a Agent Node)

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## Network

### Management Network

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### Ceph Public Network

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### Ceph Cluster Network

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## Recommendations

**Sample 1**

Controller node

Storage node

cluster.manifest

**Sample 2**

Sample 3

Operating System

CentOS-6.5 Basic Server

Automatic Deployment

hostrc

storageiplist

controller\_ip

ip

manifest

cluster.manifest.sample

cluster.manifest

server.manifest.sample

server.manifest

vsmrepo

# Manual Deployment

## Install Dependencies

## Build Packages

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### Build RPM Packages

*code*

### Build VSM Release Package

*release*

## VSM RPM Install

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Note

## Configuration

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Note

## Firewall and SELinux

### Solution 1

### Solution 2

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# Hosts file

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# Setup controller node

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cluster.manifest

modify three IP addresses



# Install

Note

Warning

## Setup storage node

server.manifest

step 1

step 2



### Warning

**step 5**

# VSM Web UI

*https://192.168.123.10/dashboard/vsm  
/etc/vsmdeploy/deployrc*



*https://01.org/virtual-storage-manager*

# Uninstall



# Frequently Asked Questions

