

## **HP Helion OpenStack 2.0: Ceph**

# Contents

HP Helion OpenStack® 2.0: Ceph..... 3

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## What is Ceph?

Ceph is a Software Defined Storage (SDS) system which comprised of a block storage, object storage, and file system. It is designed to deliver different types of storage interfaces to the end user in the same storage platform. Therefore ceph is termed as unified storage platform.

## HP Helion OpenStack : Ceph Overview

Based on OpenStack® Ceph, HP Helion OpenStack® 2.0 Ceph Storage Solution provides an unified scaleable and stable storage solution for the management of Helion OpenStack Volume Storage (Cinder persistent Volumes) service. **<didnot understand this line-please clarify>**The solution also supports user backup to the Object Storage (Swift) API service writing to the same unified Ceph storage platform.

This release supports Ceph Firefly 0.80.7 version, which runs on the hlinux kernel 3.14.44-1. Therefore you can configure and intergrate Ceph Block Storage with HP Helion OpenStack 2.0 as detailed in the [Deploying Ceph](#).