

# Red Hat Certified System Administrator in Red Hat OpenStack



# Online Course

**ZETLAN TECHNOLOGIES**  
**[www.zetlantech.com](http://www.zetlantech.com)**



# Red Hat Certified System Administrator in Red Hat OpenStack

## Course Modules

### **1. Manage Red Hat OpenStack Platform control plane**

- o Manage control plane services
- o Backup and restore control plane
- o Start and stop an overcloud

### **2. Manage infrastructure security**

- o Manage end-to-end secure services
- o Manage file-based component security with AIDE

### **3. Manage user security**

- o Manage an integrated IdM back-end configuration
- o Manage scoped service access
- o Manage project organization
- o Create a Red Hat OpenStack Platform domain
- o Maintain token keys
- o Customize user roles

### **4. Manage application deployment resources**

- o Create images and flavors
- o Create and customize images
- o Initialize an instance during deployment



# Red Hat Certified System Administrator in Red Hat OpenStack

## **5. Manage storage in Red Hat OpenStack Platform**

- o RedHat OpenStack Platform-dedicate Ceph strg cluster
- o Storage choices in Red Hat OpenStack Platform
- o Manage a Ceph storage cluster
- o Configure storage infrastructure
- o Manage Swift storage

## **6. Manage networking**

- o Configure Open Virtual Networking (OVN) services
- o Create and manage shared networks

## **7. Manage compute node operations**

- o Administer compute nodes
- o Manage compute resource capacity
- o Manage hyperconverged resource capacity
- o Re-balance compute node workloads

## **8. Monitor operations**

- o Implement the Service Telemetry Framework
- o Red Hat OpenStack Platform srvc & components logg





# Red Hat Certified System Administrator in Red Hat OpenStack

For Enquiry: +91 8680961847

## 9. Automate cloud application deployment

- o Manage mass-scale application deployment
- o Write heat orchestration templates
- o Deploy applications using Ansible
- o Create a load-balanced application stack

## 10. Troubleshoot operations

- o Diagnose issues
- o Troubleshoot common core issues
- o Trace heat stack events and troubleshoot failures

A large, stylized, light gray 'Z' logo is positioned in the background, behind the list items for section 10. The logo is composed of several geometric shapes, including circles and polygons, creating a modern, abstract design.

Zetlan Technologies

Free Advice: +91 9600579474

[www.zetlantech.com](http://www.zetlantech.com)



**LEARN  
REMOTELY!!**

**The efficiency of online learning  
in terms of time management,  
flexibility, and the ability  
to access resources anytime,  
anywhere can be compelling.**



**ZETLAN TECHNOLOGIES**  
**[www.zetlantech.com](http://www.zetlantech.com)**

**For contact: +91 8680961847  
+91 9600579474**

