

# Setting up and Exploring Your Lab Environment

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# How to Practice




**OpenStack Passport program**


**Packstack: Your cloud at home**



# OpenStack Passport

<http://www.openstack.org/passport>


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## The OpenStack Public Cloud Passport


Your wings to roam the cloud.

[View Public Cloud Providers](#)




### Explore Public Clouds

The OpenStack Global Passport Program is a collaborative effort between OpenStack public cloud providers to let you experience the freedom, performance and interoperability of open source infrastructure. You can quickly and easily gain access to OpenStack infrastructure via trial programs from participating OpenStack public cloud providers around the world.



### Locations Everywhere

With more than 60 availability zones across more than 20 countries, OpenStack providers collectively represent the broadest public cloud footprint, giving you freedom to deploy your applications across more geographies using the same open source infrastructure.




### Secure Trial Programs


Please note the process and requirements for trial programs may vary. For example, some providers may require a nominal charge to your credit card for fraud prevention purposes, while others may verify you via email and provide vouchers to sign up.

Pick your cloud below, check out the developer resources and get started!

### OpenStack Public Cloud Passport Providers



[VIEW ALL](#)




### VEXXHOST PUBLIC CLOUD

VEXXHOST is an established hosting company specialized in providing public cloud computing services that are delivered using the OpenStack projects. All the services are designed with performance, reliability and security as the core features.

Clouds In: Montreal(CA)

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### TELEFONICA OPEN CLOUD

Telefonica Open Cloud is designed to offer high scalability, high availability, high security and cost efficiency to help businesses scale and grow. Build hybrid IT architectures that extend your on-premises infrastructure to Telefonica Open Cloud

Clouds In: Miami(US), Mexico DF(MX), SaoPaulo(BR), Santiago de Chile(CL), Lima(PE), Buenos Aires(AR)

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### SCALEUP TECHNOLOGIES

Use our OpenStack based public cloud free trial to try out our IaaS platform. You can combine VMs, as well as Block and Object Storage with additional services such as LBaaS and Firewalling. ScaleUp Public Cloud runs on DellEMC hardware.

Clouds In: Berlin(DE), Hamburg(DE)

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### INTOVPS

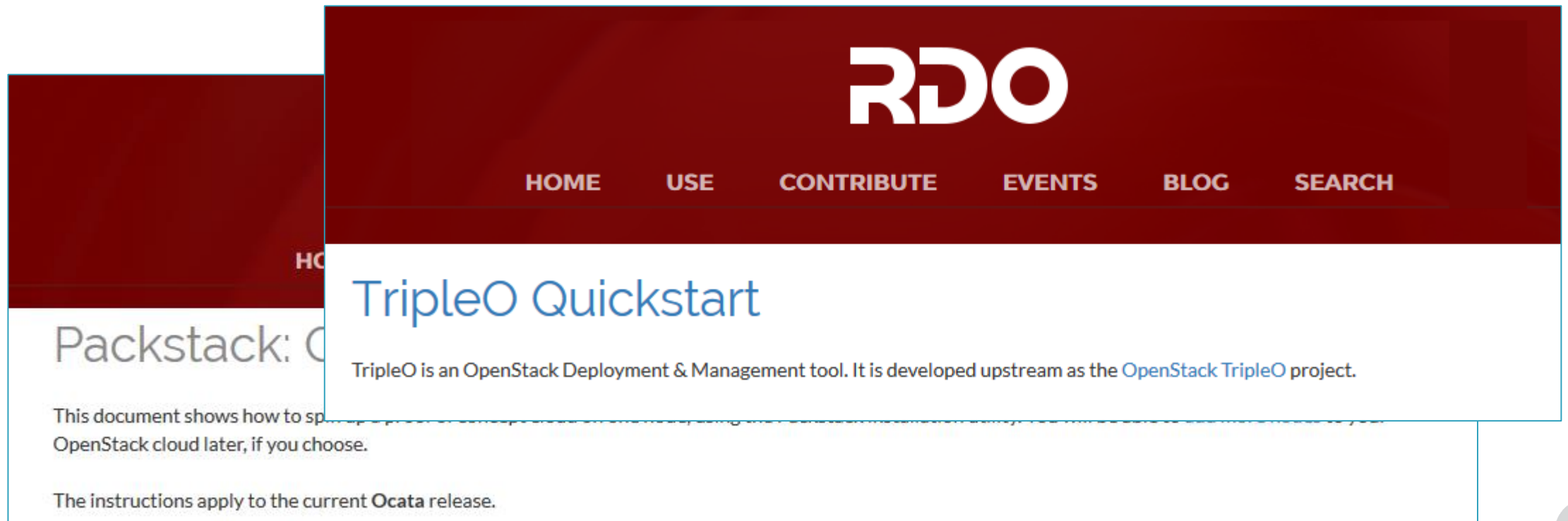
IntoVPS is deploying premium Intel Xeon servers with full-SSD storage in premium data centers connected to redundant Tier 1 internet providers. Their fast servers come with a 24/7 technical support service.

Clouds In: Fremont(US), Dallas(US), London(GB), Amsterdam(NL), Bucharest(RO)

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# Packstack

All-in-one cloud server  
Set up with a single command  
Installation in 30-60 min



# Packstack How-to

Server  
Virtual Machine  
preferred

Min 6 GB RAM  
50GB storage  
Single NIC

Install Centos 7.3  
No NetworkManager  
No firewalld

Enable OpenStack  
Newton repos  
yum update

Install Packstack  
Deploy Packstack



# Demo



## Installing Packstack



# Practice



**Set up your own Packstack cloud**

**Discover your Packstack cloud**

