

3. cluster

[http:// Server :18080](http://Server:18080)

:admin

:password



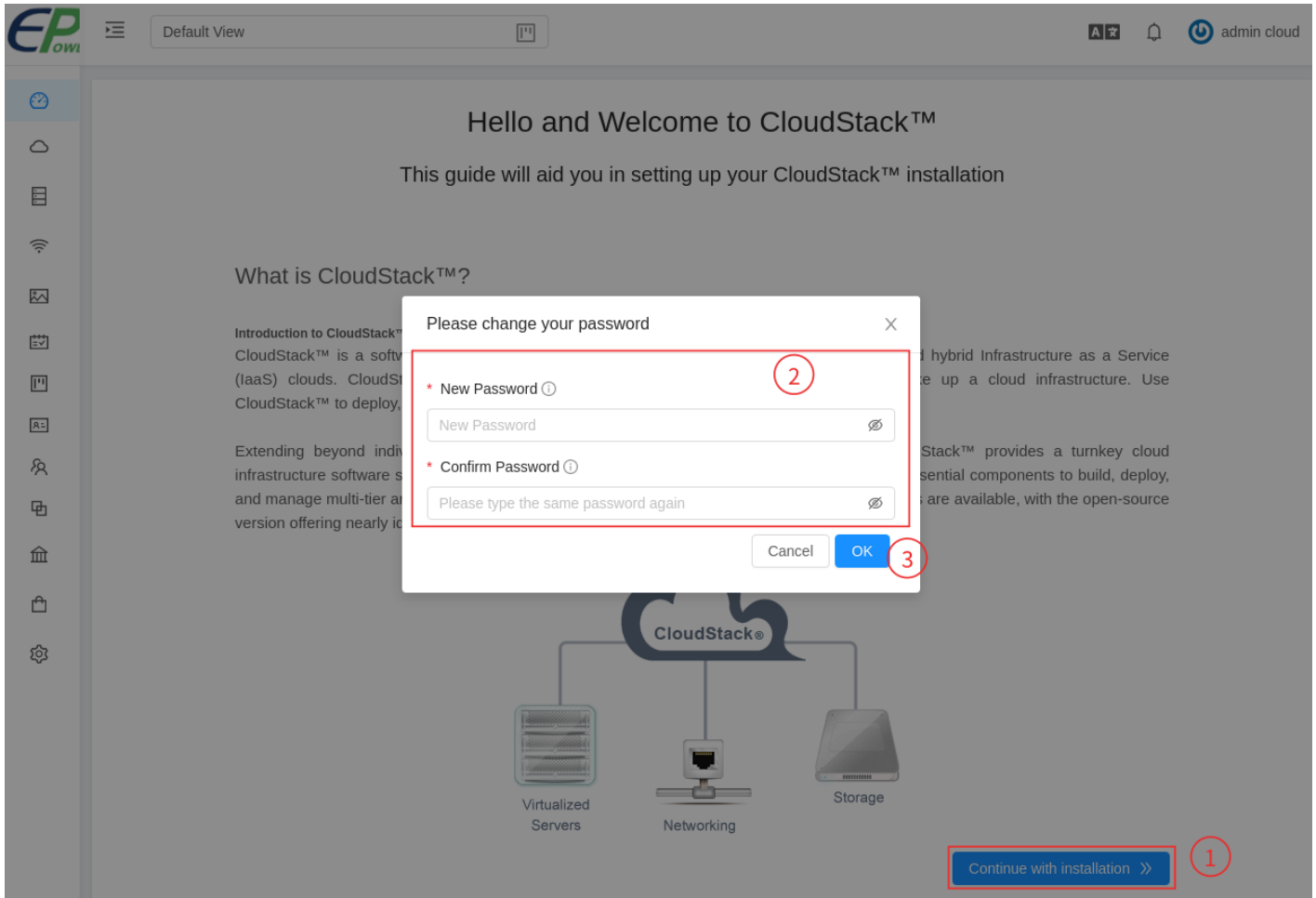
☒ Portal Login

☐ Single Sign-On

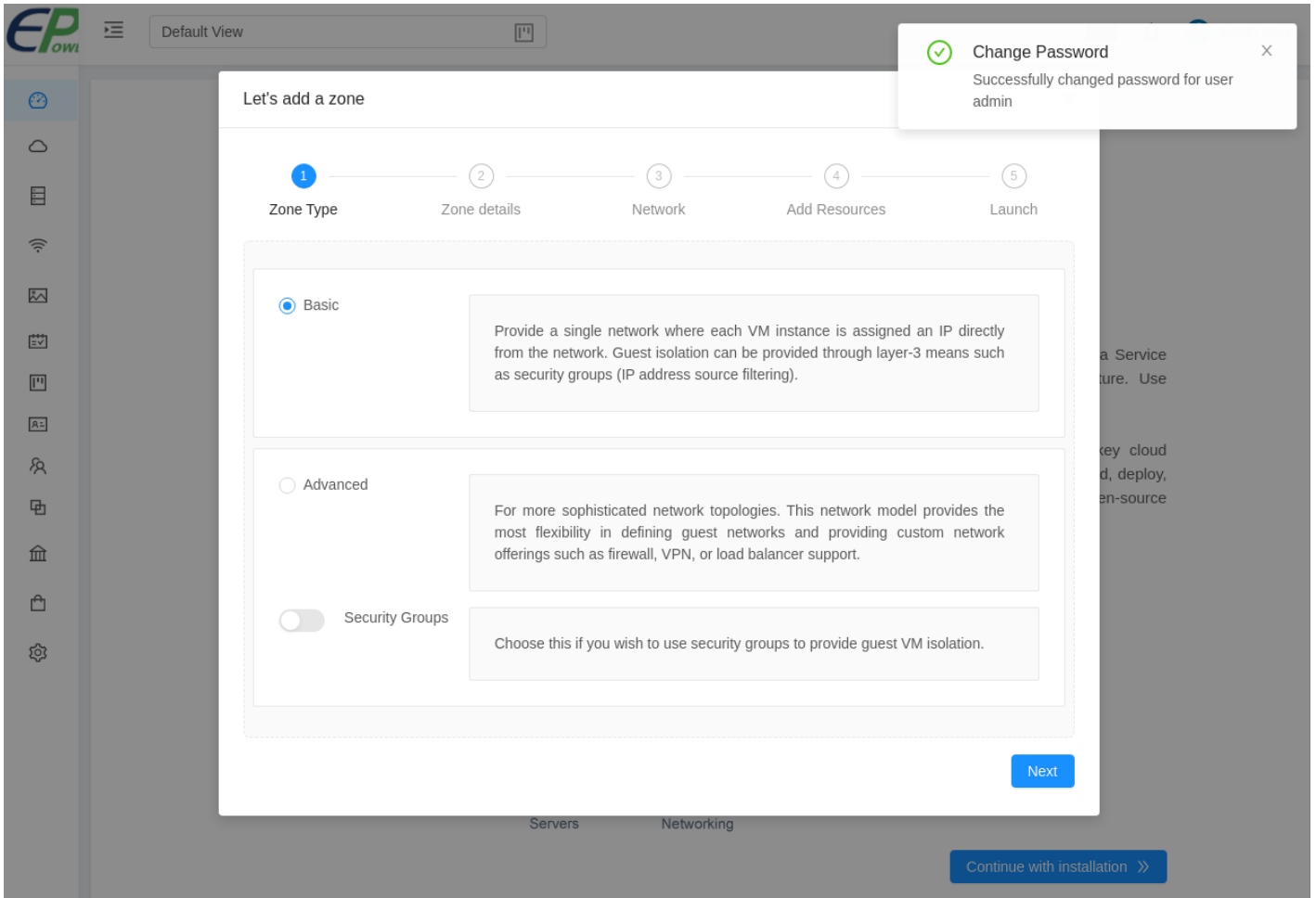
Login



Continue with installation→



Basic→Next

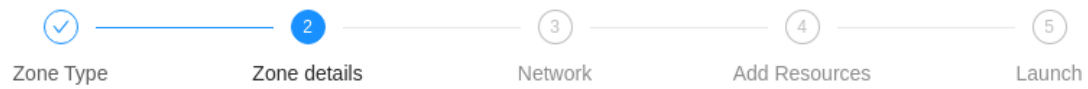


DNS

???Hinet DNS 168.95.1.1

???Google DNS 8.8.8.8

Let's add a zone



A zone is the largest organizational unit in CloudStack, and it typically corresponds to a single datacenter. Zones provide physical isolation and redundancy. A zone consists of one or more pods (each of which contains hosts and primary storage servers) and a secondary storage server which is shared by all pods in the zone.

* Name:	<input type="text" value="Z1"/>	✓
* IPv4 DNS1:	<input type="text" value="168.95.1.1"/>	✓
IPv4 DNS2:	<input type="text" value="8.8.8.8"/>	✓
* Internal DNS 1:	<input type="text" value="168.95.1.1"/>	✓
Internal DNS 2:	<input type="text" value="8.8.8.8"/>	✓
* Hypervisor:	<input type="text" value="KVM"/>	✓
Network Offering:	<input type="text" value="Offering for Shared Security group enabled net..."/>	✓
Network Domain:	<input type="text"/>	

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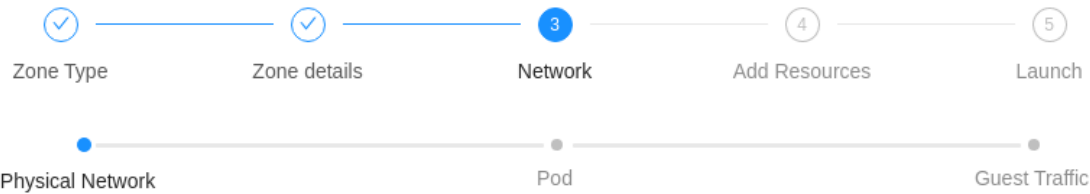
Next

eth0

Hello and Welcome to CloudStack™

Let's add a zone

×



When adding a basic zone, you can set up one physical network, which corresponds to a NIC on the hypervisor. The network carries several types of traffic.

You may also **add** other traffic types onto the physical network.

Network Name	Isolation method	Traffic Types
<input type="text" value="eth0"/>	<input type="text" value="VLAN"/> ▼	<div>MANAGEMENT </div> <div>GUEST </div> <div>+ Add Traffic</div>

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Servers

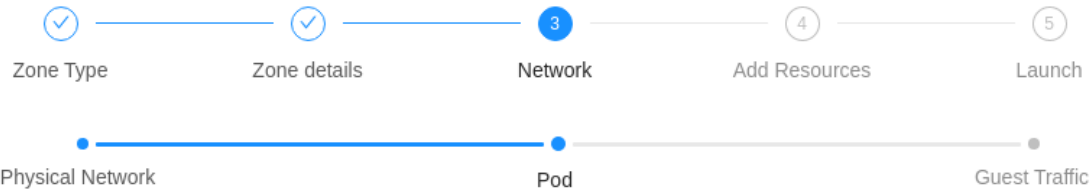
Networking

Continue with installation >>

ip 131 139 ip

Hello and Welcome to CloudStack™

Let's add a zone



Each zone must contain in one or more pods, and we will add the first pod now. A pod contains hosts and primary storage servers, which you will add in a later step. First, configure a range of reserved IP addresses for CloudStack's internal management traffic. The reserved IP range must be unique for each zone in the cloud.

* Pod name: ✓

* Reserved system gateway: ✓

* Reserved system netmask: ✓

* Start Reserved system IP: ✓

End Reserved system IP: ✓

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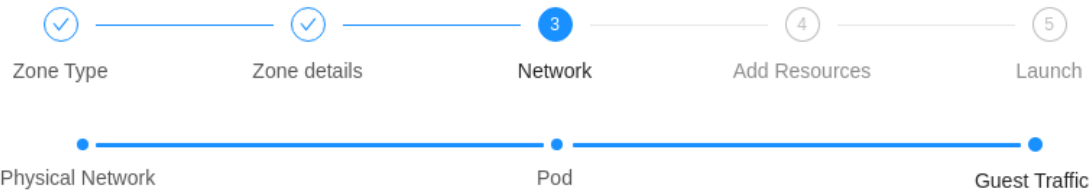
Continue with installation >>

ip 141 149 ip

Hello and Welcome to CloudStack™

Let's add a zone

X



Guest network traffic is communication between end-user virtual machines. Specify a range of IP addresses that CloudStack can assign to guest VMs. Make sure this range does not overlap the reserved system IP range.

Guest Gateway : 192.168.31.1 ✓

Guest Netmask : 255.255.255.0 ✓

Guest start IP : 192.168.31.141 ✓

Guest end IP : 192.168.31.149 ✓

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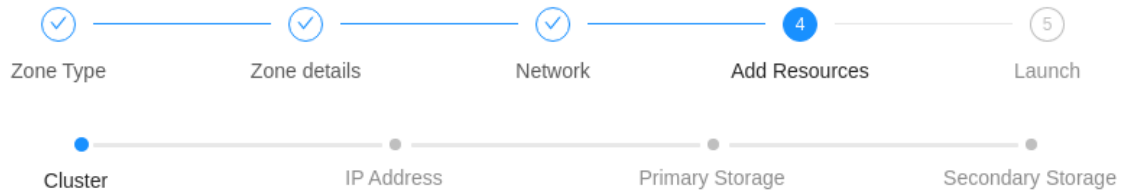
Continue with installation >>

Hello and Welcome to CloudStack™

This guide will aid you in setting up your CloudStack™ installation.

Let's add a zone

×



Each pod must contain one or more clusters, and we will add the first cluster now. A cluster provides a way to group hosts. The hosts in a cluster all have identical hardware, run the same hypervisor, are on the same subnet, and access the same shared storage. Each cluster consists of one or more hosts and one or more primary storage servers.

* Cluster Name :

C1



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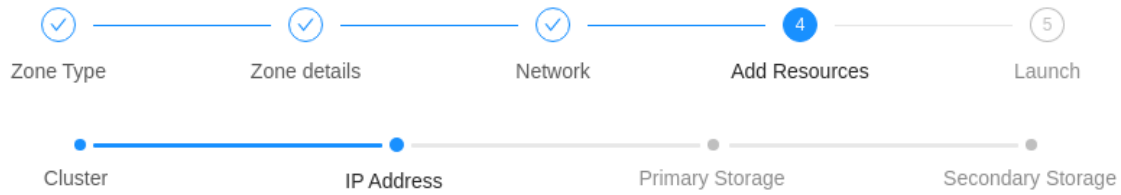
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Continue with installation >>

IP

Hello and Welcome to CloudStack™

Let's add a zone



Each cluster must contain at least one host (computer) for guest VMs to run on, and we will add the first host now. For a host to function in CloudStack, you must install hypervisor software on the host, assign an IP address to the host, and ensure the host is connected to the CloudStack management server.

Give the host's DNS or IP address, the user name (usually root) and password, and any labels you use to categorize hosts.

* Host Name: ✓

* Username: ✓

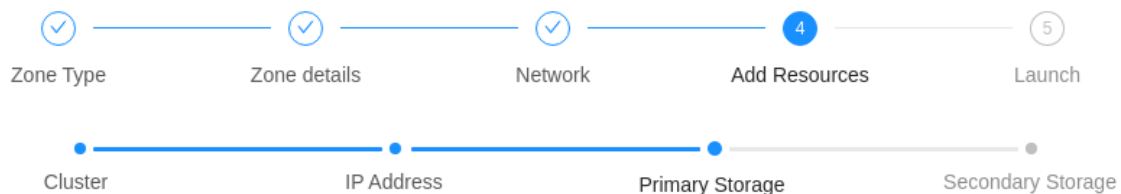
* Password: ✓

Tags:

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Let's add a zone



Each cluster must contain one or more primary storage servers, and we will add the first one now. Primary storage contains the disk volumes for all the VMs running on hosts in the cluster. Use any standards-compliant protocol that is supported by the underlying hypervisor.

* Name: ✓

Scope:

* Protocol: ✓

Hello and Welcome to CloudStack™

This guide will aid you in setting up your CloudStack™ installation

What is CloudStack™?

Let's add a zone

×



✔ Zone is ready to launch; please proceed to the next step.

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Launch Zone



Virtualized
Servers



Networking



Storage

Continue with installation >>

Let's add a zone

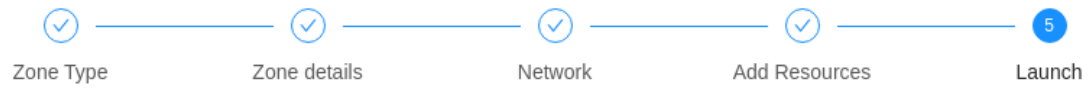
×



Please wait while your zone is being created; this may take a while...

- ✔ Creating zone
- ✔ Creating physical networks
- ✔ Configuring physical networks
- ✔ Enabling Security Group provider
- ✔ Creating guest network
- Creating pod

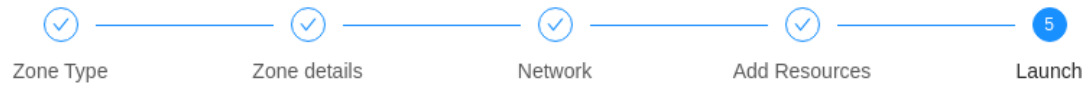
Let's add a zone



Please wait while your zone is being created; this may take a while...

- ✓ Creating physical networks
- ✓ Configuring physical networks
- ✓ Enabling Security Group provider
- ✓ Creating guest network
- ✓ Creating pod
- ✓ Configuring guest traffic
- ✓ Creating cluster
- Adding host

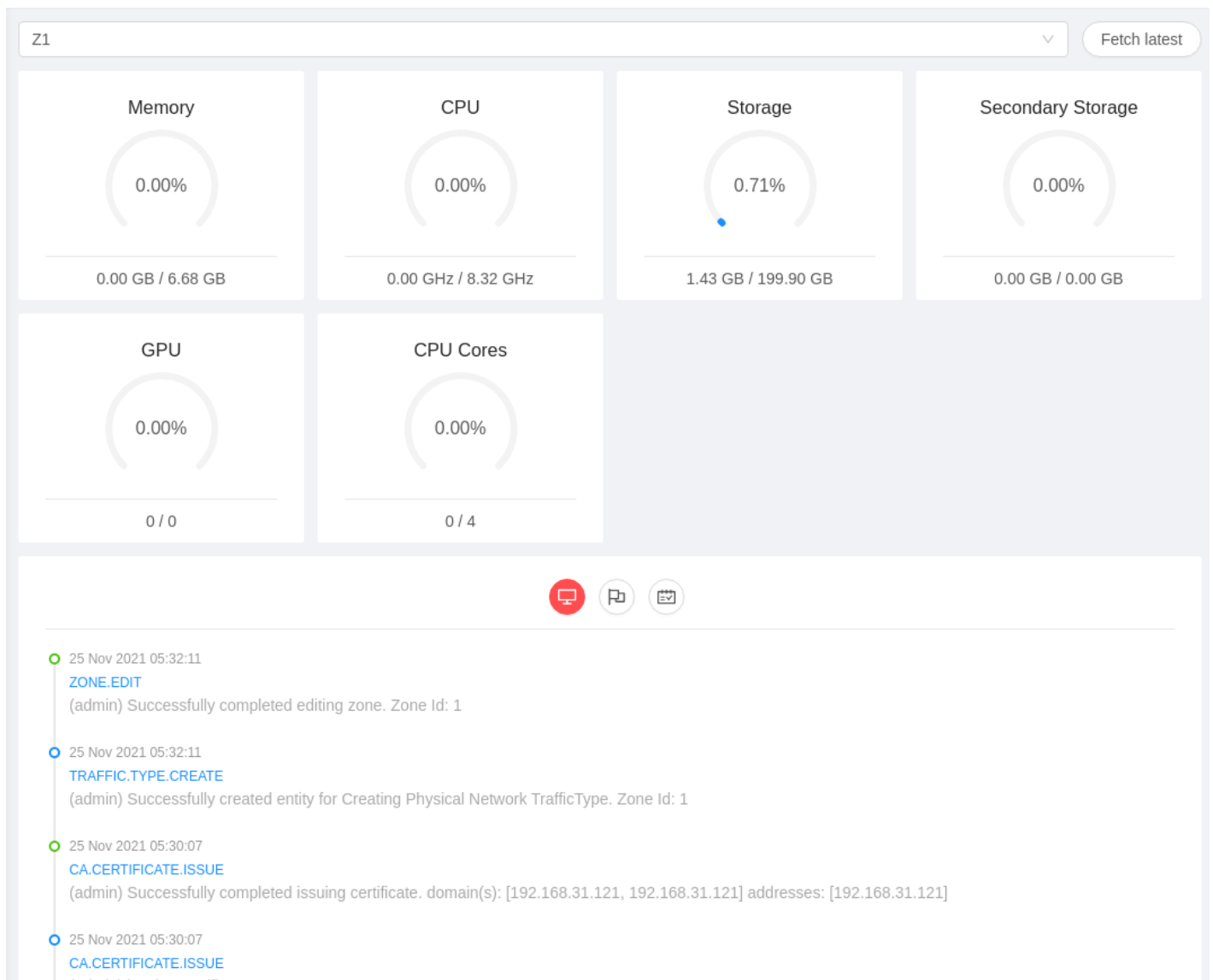
Let's add a zone



Please wait while your zone is being created; this may take a while...

- ✓ Creating guest network
- ✓ Creating pod
- ✓ Configuring guest traffic
- ✓ Creating cluster
- ✓ Adding host
- ✓ Creating primary storage
- ✓ Creating secondary storage
- ✓ Zone creation complete

Enable Zone



Revision #9

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