

Kerberos

by RAMIZ



Services ▾

Resource Groups ▾



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Support ▾

Step 2: VPC with a Single Public Subnet

IPv4 CIDR block:* (27 IP addresses available)

IPv6 CIDR block: No IPv6 CIDR Block
 Amazon provided IPv6 CIDR block

VPC name:

Public subnet's IPv4 CIDR:* (11 IP addresses available)

Availability Zone:*

Subnet name:

You can add more subnets after AWS creates the VPC.

Service endpoints

[Add Endpoint](#)

Enable DNS hostnames:* Yes No

Hardware tenancy:*

[Cancel and Exit](#)

[Back](#)

[Create VPC](#)

[Feedback](#)

[English](#)

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Support ▾

Route Tables

Internet Gateways

Egress Only Internet Gateways

DHCP Options Sets

Elastic IPs

Endpoints

NAT Gateways

Peering Connections

Security

Network ACLs

Security Groups

VPN Connections

Customer Gateways

Virtual Private Gateways

VPN Connections

Create Security Group

Security Group Actions ▾



Filter All security

 Name tag

Create Security Group



Name tag

ramizSecurity



Group name

ramizSecurity



Description

ramizSecurity



VPC

vpc-fdefa884 | ramiz vpc



Cancel

Yes, Create

Select a security group above



Feedback

English

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N. Virginia ▾

Support ▾

Route Tables

Internet Gateways

Egress Only Internet Gateways

DHCP Options Sets

Elastic IPs

Endpoints

NAT Gateways

Peering Connections

Security

Network ACLs

Security Groups

VPN Connections

Customer Gateways

Virtual Private Gateways

VPN Connections

Create Security Group

Security Group Actions ▾



Filter All security groups ▾



Search Security Groups and t X

« < 1 to 3 of 3 Security Groups > »

| | Name tag | Group ID | Group Name | VPC | Description |
|-------------------------------------|---------------|-------------|---------------|--------------------------|----------------------------|
| | | sg-25b64555 | default | vpc-fdefa884 ramiz vpc | default VPC security group |
| | | sg-41712530 | default | vpc-cab72db3 | default VPC security group |
| <input checked="" type="checkbox"/> | ramizSecurity | sg-51b04321 | ramizSecurity | vpc-fdefa884 ramiz vpc | ramizSecurity |

sg-51b04321 | ramizSecurity



Summary

Inbound Rules

Outbound Rules

Tags

Cancel

Save

| Type | Protocol | Port Range | Source | Remove |
|-------------|----------|------------|-----------|--------|
| ALL Traffic | ALL | ALL | 0.0.0.0/0 | i x |

[Add another rule](#)

No results

Feedback

English

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Services ▾

Resource Groups ▾



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Support ▾

Virtual Private
Cloud

Your VPCs

Subnets

Route Tables

Internet Gateways

Egress Only Internet
Gateways

DHCP Options Sets

Elastic IPs

Endpoints

NAT Gateways

Peering Connections

Security

Network ACLs

Security Groups

Create Subnet

Subnet Actions ▾



Name

ramiz subnet

subnet-735b2c5f

Summary

Modify auto-assign IP settings



Enable auto-assign public IPv4 or IPv6 addresses to automatically request an IP address for instances launched into this subnet.

Auto-assign IPs



Enable auto-assign public IPv4 address



Note: You can override the auto-assign IP settings for each individual instance at launch time for IPv4 or IPv6. Regardless of how you've configured the auto-assign public IP feature, you can assign a public IP address to an instance that has a single, new network interface with a device index of eth0.

Cancel

Save

VPC: vpc-fdefa884 | ramiz vpc

Auto-assign Public IP: no

Available IPs: 11

Auto-assign IPv6 address: no

Feedback

English

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1. Choose AMI

2. Choose Instance Type

3. Configure Instance

4. Add Storage

5. Add Tags

6. Configure Security Group

7. Review

Step 2: Choose an Instance Type

| | Compute optimized | c4.2xlarge | 8 | 15 | EBS only | Yes | High | Yes |
|-------------------------------------|-------------------|------------|----|------|---------------|-----|------------|-----|
| <input type="checkbox"/> | Compute optimized | c4.4xlarge | 16 | 30 | EBS only | Yes | High | Yes |
| <input type="checkbox"/> | Compute optimized | c4.8xlarge | 36 | 60 | EBS only | Yes | 10 Gigabit | Yes |
| <input checked="" type="checkbox"/> | Compute optimized | c3.large | 2 | 3.75 | 2 x 16 (SSD) | - | Moderate | Yes |
| <input type="checkbox"/> | Compute optimized | c3.xlarge | 4 | 7.5 | 2 x 40 (SSD) | Yes | Moderate | Yes |
| <input type="checkbox"/> | Compute optimized | c3.2xlarge | 8 | 15 | 2 x 80 (SSD) | Yes | High | Yes |
| <input type="checkbox"/> | Compute optimized | c3.4xlarge | 16 | 30 | 2 x 160 (SSD) | Yes | High | Yes |
| <input type="checkbox"/> | Compute optimized | c3.8xlarge | 32 | 60 | 2 x 320 (SSD) | - | 10 Gigabit | Yes |
| <input type="checkbox"/> | Compute optimized | c1.medium | 2 | 1.7 | 1 x 350 | - | Moderate | - |
| <input type="checkbox"/> | Compute optimized | c1.xlarge | 8 | 7 | 4 x 420 | Yes | High | - |

[Cancel](#)[Previous](#)[Review and Launch](#)[Next: Configure Instance Details](#)[Feedback](#)[English](#)

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Resource Groups ▾



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N. Virginia ▾

Support ▾

1. Choose AMI

2. Choose Instance Type

3. Configure Instance

4. Add Storage

5. Add Tags

6. Configure Security Group

7. Review

Step 3: Configure Instance Details

Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.

Number of instances ⓘ

1

Launch into Auto Scaling Group ⓘ

Purchasing option ⓘ



Request Spot instances

Network ⓘ

vpc-b3e9a8ca | ramizEX

C Create new VPC

Subnet ⓘ

subnet-c61e358e | ramizEX subnet | us-east-1b

Create new subnet

251 IP Addresses available

Auto-assign Public IP ⓘ

Use subnet setting (Enable)

Placement group ⓘ

No placement group

IAM role ⓘ

None

C Create new IAM role

Cancel

Previous

Review and Launch

Next: Add Storage

Feedback

English

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Resource Groups ▾



RAMIJ ▾

N. Virginia ▾

Support ▾

1. Choose AMI

2. Choose Instance Type

3. Configure Instance

4. Add Storage

5. Add Tags

6. Configure Security Group

7. Review

Step 7: Review Instance Launch

AMI Details

[Edit AMI](#)**Cloudera Director CSC - ami-c318a8a8**

Cloudera Director Client, Cloudera Director Server, a script for launching Cloudera Director using aws.simple.conf and an AMI on us-east-1 preloaded with CDH5.4.4 parcel.

Root Device Type: ebs Virtualization type: paravirtual

Instance Type

[Edit instance type](#)

| Instance Type | ECUs | vCPUs | Memory (GiB) | Instance Storage (GB) | EBS-Optimized Available | Network Performance |
|---------------|------|-------|--------------|-----------------------|-------------------------|---------------------|
| c3.large | 7 | 2 | 3.75 | 2 x 16 | - | Moderate |

Security Groups

[Edit security groups](#)

| Security Group ID | Name | Description |
|-------------------|---------|-------------|
| sg-cbff01bb | ramizEX | ramizEX |

All selected security groups inbound rules[Cancel](#)[Previous](#)[Launch](#)[Feedback](#)[English](#)

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Services ▾

Resource Groups ▾



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Support ▾

EC2 Dashboard

Events

Tags

Reports

Limits

INSTANCES

Instances

Spot Requests

Reserved Instances

Scheduled Instances

Dedicated Hosts

IMAGES

AMIs

Bundle Tasks

ELASTIC BLOCK STORE

Volumes

Snapshots

NETWORK & SECURITY

Security Groups

Elastic IPs

CloudWatch Metrics

Launch Instance

Connect

Actions ▾

Instance State : Running X Add filter

K < 1 to 1 of 1 > K

| Name | Instance ID | Instance Type | Availability Zone | Instance State | Status Checks | Alarm Status | Public DNS (IPv4) |
|----------|---------------------|---------------|-------------------|--|--|--------------|-----------------------|
| Director | i-0ee62f89d684b16a8 | c3.large | us-east-1b | ● running | ● Initializing | None | ec2-54-152-202-93.com |

Description Status Checks Monitoring Tags

| | | | |
|-------------------|--|-----------------------|---|
| Instance ID | i-0ee62f89d684b16a8 | Public DNS (IPv4) | ec2-54-152-202-93.compute-1.amazonaws.com |
| Instance state | running | IPv4 Public IP | 54.152.202.93 |
| Instance type | c3.large | IPv6 IPs | - |
| Elastic IPs | | Private DNS | ip-10-0-0-71.ec2.internal |
| Availability zone | us-east-1b | Private IPs | 10.0.0.71 |
| Security groups | ramizEX . view inbound rules | Secondary private IPs | |
| Scheduled events | No scheduled events | VPC ID | vpc-b3e9a8ca |
| AMI ID | Cloudera Director CSC (ami-c318a8a8) | Subnet ID | subnet-c61e358e |
| Platform | - | Network interfaces | eth0 |

Feedback

English

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Username:

Password:

Login

```
ramij@ramij-HP:~$ cd Downloads/
ramij@ramij-HP:~/Downloads$ cd Security/
ramij@ramij-HP:~/Downloads/Security$ sh prelaunch.sh
The authenticity of host 'ec2-54-152-202-93.compute-1.amazonaws.com (54.152.202.93)' can't be established.
RSA key fingerprint is 8e:4b:86:79:36:eb:cb:19:1a:c7:58:c1:84:ac:eb:ff.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added 'ec2-54-152-202-93.compute-1.amazonaws.com,54.152.202.93' (RSA) to the list of known hosts.
security.pem                                         100% 1692      1.7KB/s   00:00
launch-cluster.sh                                    100%  263      0.3KB/s   00:00
aws.simple.conf                                     100% 6669      6.5KB/s   00:00
Process logs can be found at /home/ec2-user/.cloudera-director/logs/application.log
Plugins will be loaded from /var/lib/cloudera-director-client/plugins
Cloudera Director 1.5.0 initializing ...
Logging in as admin ...
Logged in successfully.
Configuration file passes all validation checks.
Creating a new environment...
Creating external database servers if configured...
Creating a new Cloudera Manager...
Creating a new CDH cluster...
* Requesting an instance for Cloudera Manager .....
..... done
* Inspecting capabilities of 10.0.0.105 ..... done
* Installing screen package (1/1) ..... done
* Running custom bootstrap script on 10.0.0.105 ..... done
* Inspecting capabilities of 10.0.0.105 ..... done
* Installing ntp package (1/3) ..... done
* Installing curl package (2/3) ..... done
* Installing nscd package (3/3) ..... done
* Resizing instance root partition ..... done
* Mounting all instance disk drives ..... done
* Installing repositories for Cloudera Manager .... done
* Installing oracle-j2sdk1.7 package (1/3) ..... done
* Installing cloudera-manager-daemons package (2/3) .....
```

```
ramij@ramij-HP:~$ cd Downloads/
ramij@ramij-HP:~/Downloads$ cd Security/
ramij@ramij-HP:~/Downloads/Security$ sh prelaunch.sh
The authenticity of host 'ec2-54-152-202-93.compute-1.amazonaws.com (54.152.202.93)' can't be established.
RSA key fingerprint is 8e:4b:86:79:36:eb:cb:19:1a:c7:58:c1:84:ac:eb:ff.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added 'ec2-54-152-202-93.compute-1.amazonaws.com,54.152.202.93' (RSA) to the list of known hosts.
security.pem                                         100% 1692      1.7KB/s   00:00
launch-cluster.sh                                    100%  263      0.3KB/s   00:00
aws.simple.conf                                     100% 6669      6.5KB/s   00:00
Process logs can be found at /home/ec2-user/.cloudera-director/logs/application.log
Plugins will be loaded from /var/lib/cloudera-director-client/plugins
Cloudera Director 1.5.0 initializing ...
Logging in as admin ...
Logged in successfully.
Configuration file passes all validation checks.
Creating a new environment...
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Creating a new CDH cluster...
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* Mounting all instance disk drives ..... done
* Installing repositories for Cloudera Manager .... done
* Installing oracle-j2sdk1.7 package (1/3) ..... done
* Installing cloudera-manager-daemons package (2/3) .....
..... done
* Installing cloudera-manager-server package (3/3) ..... done
* Installing cloudera-manager-server-db-2 package (1/1) ..... done
* Starting embedded PostgreSQL database ..... done
* Starting Cloudera Manager server ..... done
* Waiting for Cloudera Manager server to start .....
```

```
Creating a new environment...
Creating external database servers if configured...
Creating a new Cloudera Manager...
Creating a new CDH cluster...
* Requesting an instance for Cloudera Manager ...
..... done
* Inspecting capabilities of 10.0.0.105 ..... done
* Installing screen package (1/1) ..... done
* Running custom bootstrap script on 10.0.0.105 ..... done
* Inspecting capabilities of 10.0.0.105 ..... done
* Installing ntp package (1/3) ..... done
* Installing curl package (2/3) ..... done
* Installing nscd package (3/3) ..... done
* Resizing instance root partition ..... done
* Mounting all instance disk drives ..... done
* Installing repositories for Cloudera Manager .... done
* Installing oracle-j2sdk1.7 package (1/3) ..... done
* Installing cloudera-manager-daemons package (2/3)
..... done
* Installing cloudera-manager-server package (3/3) ..... done
* Installing cloudera-manager-server-db-2 package (1/1) ..... done
* Starting embedded PostgreSQL database ..... done
* Starting Cloudera Manager server ..... done
* Waiting for Cloudera Manager server to start
..... done
* Setting Cloudera Manager License ..... done
* Enabling Enterprise Trial ... done
* Deploying Cloudera Manager agent .... done
* Waiting for Cloudera Manager to deploy agent on 10.0.0.105
..... done
* Starting Cloudera Management Services ..... done
* Inspecting capabilities of 10.0.0.105 ..... done
* Done ...
Cloudera Manager ready.
* Waiting for Cloudera Manager installation to complete ..... done
* Installing Cloudera Manager agents on all instances in parallel (20 at a time)
..... done
* Waiting for new external database servers to start running ... done
* Creating cluster: Core_Cluster ..... done
* Distributing parcels: CDH-5.4.4-1.cdh5.4.4.p0.4 .....
```

```
* Installing nscd package (3/3) ..... done
* Resizing instance root partition ..... done
* Mounting all instance disk drives ..... done
* Installing repositories for Cloudera Manager .... done
* Installing oracle-j2sdk1.7 package (1/3) ..... done
* Installing cloudera-manager-daemons package (2/3) ....
..... done
* Installing cloudera-manager-server package (3/3) ..... done
* Installing cloudera-manager-server-db-2 package (1/1) ..... done
* Starting embedded PostgreSQL database ..... done
* Starting Cloudera Manager server ..... done
* Waiting for Cloudera Manager server to start ..... done
* Setting Cloudera Manager License ..... done
* Enabling Enterprise Trial ... done
* Deploying Cloudera Manager agent .... done
* Waiting for Cloudera Manager to deploy agent on 10.0.0.105 ....
..... done
* Starting Cloudera Management Services ..... done
* Inspecting capabilities of 10.0.0.105 ..... done
* Done ...
Cloudera Manager ready.
* Waiting for Cloudera Manager installation to complete ..... done
* Installing Cloudera Manager agents on all instances in parallel (20 at a time)
..... done
* Waiting for new external database servers to start running ... done
* Creating cluster: Core_Cluster ..... done
* Distributing parcels: CDH-5.4.4-1.cdh5.4.4.p0.4 ....
..... done
* Switching parcel distribution rate limits back to defaults: 51200KB/s with 25 concurrent uploads ... done
* Activating parcels: CDH-5.4.4-1.cdh5.4.4.p0.4 ....
..... done
* Creating cluster services ... done
* Automatically assigning roles to instances ... done
* Automatically configuring services and roles .... done
* Configuring credentials for S3 access ... done
* Configuring Hive Metastore database ... done
* Creating Hive Metastore Database ..... done
* Waiting for firstRun on cluster Core_Cluster
.....
```

```
* Starting embedded PostgreSQL database ..... done
* Starting Cloudera Manager server ..... done
* Waiting for Cloudera Manager server to start ..... done
* Setting Cloudera Manager License ..... done
* Enabling Enterprise Trial ... done
* Deploying Cloudera Manager agent .... done
* Waiting for Cloudera Manager to deploy agent on 10.0.0.105 .... done
* Starting Cloudera Management Services ..... done
* Inspecting capabilities of 10.0.0.105 ..... done
* Done ...
Cloudera Manager ready.
* Waiting for Cloudera Manager installation to complete ..... done
* Installing Cloudera Manager agents on all instances in parallel (20 at a time)
..... done
* Waiting for new external database servers to start running ... done
* Creating cluster: Core_Cluster ..... done
* Distributing parcels: CDH-5.4.4-1.cdh5.4.4.p0.4 ..... done
* Switching parcel distribution rate limits back to defaults: 51200KB/s with 25 concurrent uploads ... done
* Activating parcels: CDH-5.4.4-1.cdh5.4.4.p0.4 ..... done
* Creating cluster services ... done
* Automatically assigning roles to instances ... done
* Automatically configuring services and roles .... done
* Configuring credentials for S3 access ... done
* Configuring Hive Metastore database ... done
* Creating Hive Metastore Database ..... done
* Waiting for firstRun on cluster Core_Cluster
..... done
* Running cluster post creation scripts ..... done
* Done ...
Cluster ready.
Logging out...
ramij@ramij-HP:~/Downloads/Security$
```



Services ▾

Resource Groups ▾



RAMIJ ▾

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Support ▾

EC2 Dashboard

Events

Tags

Reports

Limits

INSTANCES

Instances

Spot Requests

Reserved Instances

Scheduled Instances

Dedicated Hosts

IMAGES

AMIs

Bundle Tasks

ELASTIC BLOCK STORE

Volumes

Snapshots

NETWORK & SECURITY

Security Groups

Elastic IPs

AWS Direct Connect

Launch Instance

Connect

Actions ▾



Instance State : Running

Instance State : Pending

Add filter



K < 1 to 7 of 7 > |

| <input type="checkbox"/> | Name | Instance ID | Instance Type | Availability Zone | Instance State | Status Checks | Alarm Status | Public DNS (IPv4) |
|-------------------------------------|------------------|---------------------|---------------|-------------------|------------------------|-------------------------------|--------------|--------------------------|
| <input type="checkbox"/> | Cloudera -1-c... | i-012e02665fa87f7cb | m3.xlarge | us-east-1b | ● running | ⌚ Initializing | None | ec2-54-91-5-161.compu... |
| <input type="checkbox"/> | Cloudera -1-5... | i-028630146ee4fd22f | m3.xlarge | us-east-1b | ● running | ⌚ Initializing | None | ec2-34-229-73-90.comp... |
| <input type="checkbox"/> | Cloudera -1-f... | i-07dfc90b5b8c78544 | m3.xlarge | us-east-1b | ● running | ⌚ Initializing | None | ec2-54-175-27-54.comp... |
| <input type="checkbox"/> | Cloudera -1-b... | i-0dadd4d4528e0e8f9 | m3.xlarge | us-east-1b | ● running | ⌚ Initializing | None | ec2-54-197-9-236.comp... |
| <input type="checkbox"/> | Cloudera -1-a... | i-0ef1d913c29a74fed | m3.xlarge | us-east-1b | ● running | ⌚ Initializing | None | ec2-54-236-252-203.co... |
| <input type="checkbox"/> | CM-Cloudera... | i-01a4f163388f78541 | m3.xlarge | us-east-1b | ● running | ⌚ Initializing | None | ec2-54-197-24-230.com... |
| <input checked="" type="checkbox"/> | Director | i-0ee62f89d684b16a8 | c3.large | us-east-1b | ● running | ✓ 2/2 checks ... | None | ec2-54-152-202-93.com... |

Instance: i-0ee62f89d684b16a8 (Director)

Public DNS: ec2-54-152-202-93.compute-1.amazonaws.com



Description

Status Checks

Monitoring

Tags

Instance ID: i-0ee62f89d684b16a8

Public DNS (IPv4): ec2-54-152-202-93.compute-1.amazonaws.com

Instance state: running

IPv4 Public IP: 54.152.202.93

Instance type: c3.large

IPv6 ID: -

Feedback

English

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Username:

Password:

Remember me on this computer.

Login

30 minutes preceding August 8, 2017, 3:59 AM UTC

Home

Status

All Health Issues ! 1

Configuration ▾

All Recent Commands 5

Add Cluster

Cloudera Management Service● C MGMT**Charts**30m 1h 2h 6h 12h 1d 7d 30d

Cluster CPU

NO DATA

1

Cluster Disk IO

NO DATA

1

Cluster Network IO

NO DATA

1

30 minutes preceding August 8, 2017, 4:05 AM UTC

Home

Status

All Health Issues ! 3Configuration X 1All Recent Commands ○ 1

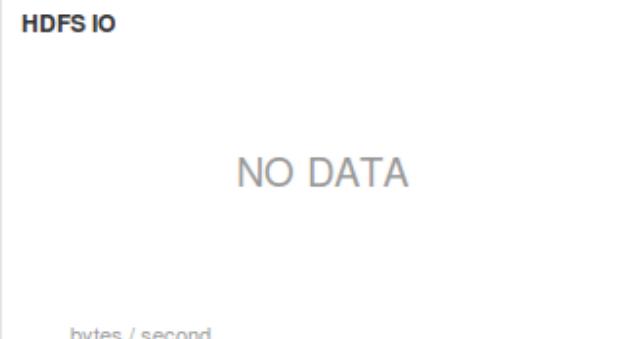
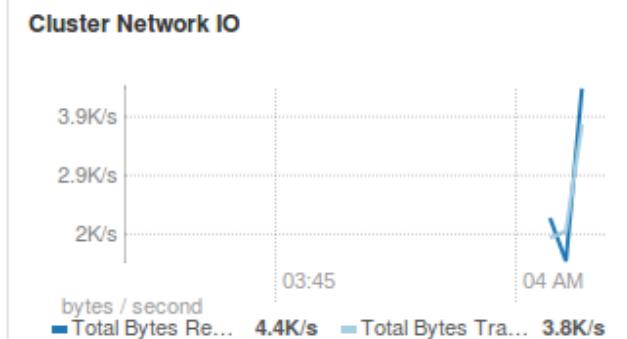
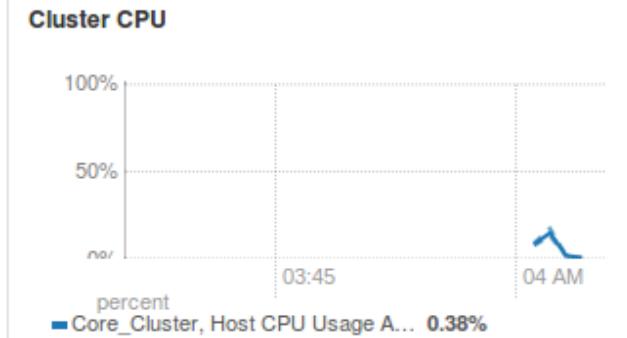
Add Cluster

Core_Cluster (CDH 5.4.4, Parcels)

| | | | |
|---------------------------------------|----------------|--|--|
| ● | Hosts | ! 5 | ▼ |
| ● | HBASE-1 | ▼ | |
| ● | HDFS-1 | ▼ | |
| ● | HIVE-1 | ▼ | |
| ● | IMPALA-1 | ▼ | |
| ● | SPARK_ON_YA... | ▼ | |
| ● | YARN-1 | ▼ | |
| ● | ZOOKEEPER-1 | ! 1 X 1 | ▼ |

Cloudera Management Service

| | | | |
|------------------------------------|--------|--------------------------------------|--|
| ● | C MGMT | ! 2 | ▼ |
|------------------------------------|--------|--------------------------------------|--|

Charts30m 1h 2h 6h 12h 1d 7d 30d **Completed Impala Queries**

3 Hosts Selected

x

Select hosts for a new or existing role. The host list is filtered to remove hosts that are not valid candidates; these include hosts that are unhealthy, members of other clusters, and/or have an incompatible version of CDH installed on them.

 Enter hostnames: host01, host[01-10], IP addresses or rack.

Search

| <input type="checkbox"/> | Host Name | IP Address | Rack | Cores | Physical Memory | Existing Roles | Added Roles |
|-------------------------------------|----------------------------|------------|----------|-------|-----------------|---|-------------|
| <input checked="" type="checkbox"/> | ip-10-0-0-143.ec2.internal | 10.0.0.143 | /default | 4 | 14.5 GiB | M B NN SNN G HMS HS2 ICS ISS G HS JHS RM S | |
| <input type="checkbox"/> | ip-10-0-0-217.ec2.internal | 10.0.0.217 | /default | 4 | 14.5 GiB | RS DN G ID G NM | |
| <input checked="" type="checkbox"/> | ip-10-0-0-224.ec2.internal | 10.0.0.224 | /default | 4 | 14.5 GiB | RS DN G ID G NM S | |
| <input type="checkbox"/> | ip-10-0-0-4.ec2.internal | 10.0.0.4 | /default | 4 | 14.5 GiB | RS DN G ID G NM | |
| <input checked="" type="checkbox"/> | ip-10-0-0-91.ec2.internal | 10.0.0.91 | /default | 4 | 14.5 GiB | RS DN G ID G NM S | |

Tip: Click the first checkbox, hold down the Shift key and click the last checkbox to select a range.

Showing 1 to 5 of 5 entries

Display 25 Entries

OK

Cancel

Core_Cluster Stale Configurations

Progress

| Command | Context | Status | Started at | Ended at |
|-------------------------|------------------------------|-------------|----------------------------|----------|
| Restart | Core_Cluster | In Progress | Aug 8, 2017 4:14:00 AM UTC | |

▼ Child Commands

- All Failed Only Active Only

| Command (Child commands) | Context | Status | Started at | Ended at |
|--------------------------|------------------------------|-------------|----------------------------|----------|
| Stop (1) | Core_Cluster | In Progress | Aug 8, 2017 4:14:00 AM UTC | |

30 minutes preceding August 8, 2017, 4:21 AM UTC

Home Status All Health Issues Configuration ▾ All Recent Commands

Add Cluster

Core_Cluster (CDH 5.4.4, Parcels)

Hosts



HBASE-1



HDFS-1



HIVE-1



IMPALA-1



SPARK_ON_YA...



YARN-1



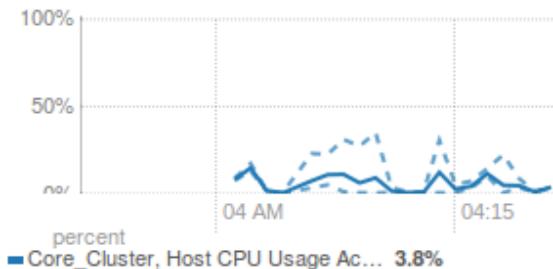
ZOOKEEPER-1

Cloudera Management Service

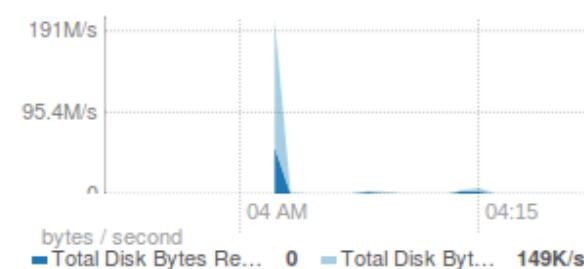
MGMT

**Charts**

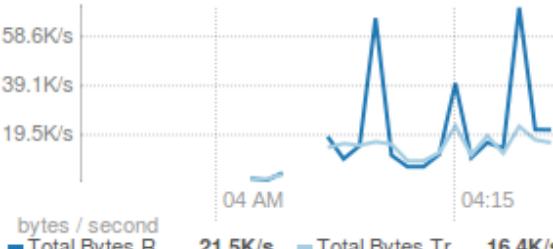
Cluster CPU



Cluster Disk IO



Cluster Network IO



HDFS IO



Completed Impala Queries



Filters

Actions for Selected (1) ▾

Columns: 9 Selected ▾

SEARCH

STATUS

- All 5
- Good Health 5

CLUSTERS

CORES

DECOMMISSIONED

LAST HEARTBEAT

LOAD (1 MINUTE)

LOAD (5 MINUTES)

LOAD (15 MINUTES)

MAINTENANCE MODE

RACK

SERVICES

HEALTH TESTS

| | Status | Name | IP | Roles | Last Heartbeat | Load Average | Disk Usage | Physical Memory | System |
|-------------------------------------|--------------------------------------|--|------------|--|----------------|----------------|---------------------|--------------------|--------|
| <input type="checkbox"/> | ● | ip-10-0-0-143.ec2.internal | 10.0.0.143 | ► 14 Role(s) | 13.14s ago | 0.00 0.14 0.21 | 9.1 GiB / 147.4 GiB | 3.2 GiB / 14.5 GiB | |
| <input type="checkbox"/> | ● | ip-10-0-0-217.ec2.internal | 10.0.0.217 | ► 6 Role(s) | 4.52s ago | 0.06 0.08 0.09 | 9.2 GiB / 147.4 GiB | 1.4 GiB / 14.5 GiB | |
| <input type="checkbox"/> | ● | ip-10-0-0-224.ec2.internal | 10.0.0.224 | ► 7 Role(s) | 3.76s ago | 0.00 0.07 0.09 | 9.2 GiB / 147.4 GiB | 1.5 GiB / 14.5 GiB | |
| <input checked="" type="checkbox"/> | ● | ip-10-0-0-4.ec2.internal | 10.0.0.4 | ▼ 6 Role(s) | 4.58s ago | 0.00 0.05 0.09 | 9.2 GiB / 147.4 GiB | 1.4 GiB / 14.5 GiB | |
| | | | | ● HBase RegionServer | | | | | |
| | | | | ● HDFS DataNode | | | | | |
| | | | | ○ Hive Gateway | | | | | |
| | | | | ● Impala Daemon | | | | | |
| | | | | ○ Spark Gateway | | | | | |
| | | | | ● YARN (MR2 Included) NodeManager | | | | | |
| <input type="checkbox"/> | ● | ip-10-0-0-91.ec2.internal | 10.0.0.91 | ► 7 Role(s) | 3.74s ago | 0.08 0.11 0.11 | 9.1 GiB / 147.4 GiB | 1.4 GiB / 14.5 GiB | |

Display 25 Entries

Hosts Status Configuration

Status (Core_Cluster)

Filters

SEARCH

STATUS

- All 5
- Good Health 5

CLUSTERS

CORES

DECOMMISSIONED

LAST HEARTBEAT

LOAD (1 MINUTE)

LOAD (5 MINUTES)

LOAD (15 MINUTES)

MAINTENANCE MODE

RACK

Core_Cluster (CDH 5.4.4)

| | Load Average | Disk Usage | Physical Memory | Swap Space |
|----------------|---------------------|--------------------|-----------------|------------|
| 0.00 0.14 0.21 | 9.1 GiB / 147.4 GiB | 3.2 GiB / 14.5 GiB | | |
| 0.06 0.08 0.09 | 9.2 GiB / 147.4 GiB | 1.4 GiB / 14.5 GiB | | |
| 0.00 0.07 0.09 | 9.2 GiB / 147.4 GiB | 1.5 GiB / 14.5 GiB | | |
| 0.00 0.05 0.09 | 9.2 GiB / 147.4 GiB | 1.4 GiB / 14.5 GiB | | |

Services

- HBASE-1
- HDFS
- HBase
- HIVE-1
- IMPALA-1
- SPARK_ON_YARN-1
- YARN-1
- ZOOKEEPER-1

General

- Hosts
- Reports

Activities

- IMPALA-1 Queries
- YARN Applications

Resource Management

- Dynamic Resource Pools
- Static Service Pools

Cloudera Management Service

- MGMT
- Cloudera Navigator ↗

RegionServer

- HDFS DataNode
- Hive Gateway
- Impala Daemon
- Spark



Search (Hotkey: /)



Support

admin

Core Cluster >

H HBASE-1 Status Instances Configuration Commands Audits Table Browser Charts ▾



Role Instances

Add Role Instances

Role Groups

Filters

SEARCH

STATUS

All 5

Good Health 5

DECOMMISSIONED

MAINTENANCE MODE

RACK

ROLE GROUP

ROLE TYPE

STATE

HEALTH TESTS

Actions for Selected (1) ▾

| <input type="checkbox"/> | Role Type | State | Host | Role Group |
|-------------------------------------|-----------------|---------|----------------------------|----------------------------|
| <input type="checkbox"/> | Master (Active) | Started | ip-10-0-0-143.ec2.internal | Master Default Group |
| <input checked="" type="checkbox"/> | RegionServer | Started | ip-10-0-0-4.ec2.internal | RegionServer Default Group |
| <input type="checkbox"/> | RegionServer | Started | ip-10-0-0-224.ec2.internal | RegionServer Default Group |
| <input type="checkbox"/> | RegionServer | Started | ip-10-0-0-91.ec2.internal | RegionServer Default Group |
| <input type="checkbox"/> | RegionServer | Started | ip-10-0-0-217.ec2.internal | RegionServer Default Group |

Display 25 Entries



Search (Hotkey: /)



Support

admin

Core Cluster >

H HBASE-1 Status Instances Configuration Commands Audits Table Browser Charts ▾



Role Instances

Add Role Instances

Role Groups

Filters

SEARCH

STATUS

All 5

Good Health 5

DECOMMISSIONED

MAINTENANCE MODE

RACK

ROLE GROUP

ROLE TYPE

STATE

HEALTH TESTS

Actions for Selected (1) ▾

Regenerate Keytab

Start

Restart

Rolling Restart

Stop

Recommission

Decommission (Graceful Stop)

Enter Maintenance Mode

Exit Maintenance Mode

Delete

| State | Host | Role Group |
|---------|--|----------------------------|
| Started | ip-10-0-0-143.ec2.internal | Master Default Group |
| Started | ip-10-0-0-4.ec2.internal | RegionServer Default Group |
| Started | ip-10-0-0-224.ec2.internal | RegionServer Default Group |
| Started | ip-10-0-0-91.ec2.internal | RegionServer Default Group |
| Started | ip-10-0-0-217.ec2.internal | RegionServer Default Group |

Decommission one or more HBase Region Servers.

Display 25 Entries



Search (Hotkey: /)



Support ▾

admin ▾

Core Cluster ▾

H

HBase



Decommission (Graceful Stop)

Role

Filter

SE

STATUS

All

5

Good Health

5

DECOMMISSIONED

MAINTENANCE MODE

RACK

ROLE GROUP

ROLE TYPE

STATE

HEALTH TESTS

Are you sure you want to run the Decommission (Graceful Stop) command on the following roles?

Host

ip-10-0-0-4.ec2.internal

Role Instances

H HBase RegionServer

Decommission (Graceful Stop)

Cancel

| | | | | |
|-------------------------------------|--------------|---------|----------------------------|----------------------------|
| <input checked="" type="checkbox"/> | RegionServer | Started | ip-10-0-0-4.ec2.internal | RegionServer Default Group |
| <input type="checkbox"/> | RegionServer | Started | ip-10-0-0-224.ec2.internal | RegionServer Default Group |
| <input type="checkbox"/> | RegionServer | Started | ip-10-0-0-91.ec2.internal | RegionServer Default Group |
| <input type="checkbox"/> | RegionServer | Started | ip-10-0-0-217.ec2.internal | RegionServer Default Group |

Display 25 Entries

Core Cluster ▾

H H

Command Details: Decommission (Graceful Stop)

Last Refreshed: Aug 8, 2017 4:25:53 AM UTC



Role

| Command | Context | Status | Started at | Ended at |
|------------------------------|-----------|-------------|----------------------------|----------|
| Decommission (Graceful Stop) | H HBASE-1 | In Progress | Aug 8, 2017 4:25:50 AM UTC | |

Command Progress

Completed 1 of 2 steps.

- Wait for any existing Decommission or Recommission commands to finish.
Finished waiting
[Details ↗](#)
- Decommission worker roles on ip-10-0-0-4
[Details ↗](#)

» Child Commands

[All Recent Commands](#)[Close](#)



Search (Hotkey: /)



Support

admin

Core Cluster >

H HBASE-1 Status Instances Configuration Commands Audits Table Browser Charts ▾



Role Instances

Add Role Instances

Role Groups

Filters

SEARCH

STATUS

All 5

 Stopped 1 Good Health 4

DECOMMISSIONED

MAINTENANCE MODE

RACK

ROLE GROUP

ROLE TYPE

STATE

HEALTH TESTS

Actions for Selected (1) ▾

Regenerate Keytab

Start

Restart

Rolling Restart

Stop

Recommission

Decommission (Graceful Stop)

Enter Maintenance Mode

Exit Maintenance Mode

Delete

| State | Host | Role Group |
|---------|--|----------------------------|
| Started | ip-10-0-0-143.ec2.internal | Master Default Group |
| Stopped | ip-10-0-0-4.ec2.internal | RegionServer Default Group |
| Started | ip-10-0-0-224.ec2.internal | RegionServer Default Group |
| Started | ip-10-0-0-91.ec2.internal | RegionServer Default Group |
| Started | ip-10-0-0-217.ec2.internal | RegionServer Default Group |

Display 25 Entries



Search (Hotkey: /)



Support ▾

admin ▾

Core Cluster ▾

H

HBase RegionServer



Role

Filter

SE

STATUS

All

5

Stopped

1

Good Health

4

DECOMMISSIONED

MAINTENANCE MODE

RACK

ROLE GROUP

ROLE TYPE

STATE

HEALTH TESTS

Delete Role Instances



Are you sure you want to delete the following role instances?

Host

ip-10-0-0-4.ec2.internal

Role Instances

H HBase RegionServer

Delete

Cancel

| | | | | | |
|-------------------------------------|----------------------------------|------------------------------|---------|--|----------------------------|
| <input checked="" type="checkbox"/> | <input type="radio"/> | RegionServer | Stopped | ip-10-0-0-4.ec2.internal | RegionServer Default Group |
| <input type="checkbox"/> | <input checked="" type="radio"/> | RegionServer | Started | ip-10-0-0-224.ec2.internal | RegionServer Default Group |
| <input type="checkbox"/> | <input checked="" type="radio"/> | RegionServer | Started | ip-10-0-0-91.ec2.internal | RegionServer Default Group |
| <input type="checkbox"/> | <input checked="" type="radio"/> | RegionServer | Started | ip-10-0-0-217.ec2.internal | RegionServer Default Group |

Display 25 Entries



Search (Hotkey: /)



Support ▾

admin ▾

Core Cluster ▾

H HBASE-1 Status Instances Configuration Commands Audits Table Browser Charts ▾



Actions ▾

Role Instances

Add Role Instances

Role Groups

Filters

SEARCH

STATUS

All 4

Good Health 4

DECOMMISSIONED

MAINTENANCE MODE

RACK

ROLE GROUP

ROLE TYPE

STATE

HEALTH TESTS

Actions for Selected ▾

| <input type="checkbox"/> | Role Type | State | Host | Role Group |
|--------------------------|-----------------|---------|----------------------------|----------------------------|
| <input type="checkbox"/> | Master (Active) | Started | ip-10-0-0-143.ec2.internal | Master Default Group |
| <input type="checkbox"/> | RegionServer | Started | ip-10-0-0-224.ec2.internal | RegionServer Default Group |
| <input type="checkbox"/> | RegionServer | Started | ip-10-0-0-91.ec2.internal | RegionServer Default Group |
| <input type="checkbox"/> | RegionServer | Started | ip-10-0-0-217.ec2.internal | RegionServer Default Group |

Display 25 Entries



Search (Hotkey: /)



Support

admin

Core Cluster >

IMPALA-1

Status

Instances

Configuration

Commands

Audits

Queries

Charts ▾



Role Instances

Add Role Instances

Role Groups

Filters

SEARCH

STATUS

All 6

Good Health 6

DECOMMISSIONED

MAINTENANCE MODE

RACK

ROLE GROUP

ROLE TYPE

STATE

HEALTH TESTS

Actions for Selected (1) ▾

| <input type="checkbox"/> | Role Type | State | Host | Role Group |
|-------------------------------------|---------------------------------------|---------|--|-------------------------------------|
| <input type="checkbox"/> | Impala Catalog Server | Started | ip-10-0-0-143.ec2.internal | Impala Catalog Server Default Group |
| <input checked="" type="checkbox"/> | Impala Daemon | Started | ip-10-0-0-4.ec2.internal | Impala Daemon Default Group |
| <input type="checkbox"/> | Impala Daemon | Started | ip-10-0-0-224.ec2.internal | Impala Daemon Default Group |
| <input type="checkbox"/> | Impala Daemon | Started | ip-10-0-0-91.ec2.internal | Impala Daemon Default Group |
| <input type="checkbox"/> | Impala Daemon | Started | ip-10-0-0-217.ec2.internal | Impala Daemon Default Group |
| <input type="checkbox"/> | Impala StateStore | Started | ip-10-0-0-143.ec2.internal | Impala StateStore Default Group |

Display 25 Entries



Search (Hotkey: /)



Support

admin

Core Cluster >

IMPALA-1

Status

Instances

Configuration

Commands

Audits

Queries

Charts ▾



Role Instances

Add Role Instances

Role Groups

Filters

SEARCH

STATUS

All 6

Good Health 6

DECOMMISSIONED

MAINTENANCE MODE

RACK

ROLE GROUP

ROLE TYPE

STATE

HEALTH TESTS

Actions for Selected (1) ▾

Regenerate Keytab

Start

Stop

Restart

Enter Maintenance Mode

Exit Maintenance Mode

Delete

 Impala Daemon Impala StateStore

State

Host

Role Group

Started

ip-10-0-0-143.ec2.internal

Impala Catalog Server Default Group

Started

ip-10-0-0-4.ec2.internal

Impala Daemon Default Group

Started

ip-10-0-0-224.ec2.internal

Impala Daemon Default Group

Started

ip-10-0-0-91.ec2.internal

Impala Daemon Default Group

Started

ip-10-0-0-217.ec2.internal

Impala Daemon Default Group

Started

ip-10-0-0-143.ec2.internal

Impala StateStore Default Group

Display 25 Entries



Search (Hotkey: /)



Support ▾

admin ▾

Core Cluster ▾



Stop



Role

Filter

▼ SE

▼ STATUS

All

6

Good Health

6

DECOMMISSIONED

MAINTENANCE MODE

RACK

ROLE GROUP

ROLE TYPE

STATE

HEALTH TESTS

Are you sure you want to run the **Stop** command on the following roles?

Host

Role Instances

ip-10-0-0-4.ec2.internal

Impala Daemon

Stop

Cancel

| | | | | | |
|-------------------------------------|--------------------------|-----------------------------------|---------|--|---------------------------------|
| <input checked="" type="checkbox"/> | | Impala Daemon | Started | ip-10-0-0-4.ec2.internal | Impala Daemon Default Group |
| <input type="checkbox"/> | | Impala Daemon | Started | ip-10-0-0-224.ec2.internal | Impala Daemon Default Group |
| <input type="checkbox"/> | | Impala Daemon | Started | ip-10-0-0-91.ec2.internal | Impala Daemon Default Group |
| <input type="checkbox"/> | | Impala Daemon | Started | ip-10-0-0-217.ec2.internal | Impala Daemon Default Group |
| | <input type="checkbox"/> | Impala StateStore | Started | ip-10-0-0-143.ec2.internal | Impala StateStore Default Group |

Display 25 Entries



Search (Hotkey: /)



Support ▾

admin ▾

Core Cluster ▾



Delete Role Instances



Role

Filter

SE

STATUS

All

6

Stopped

1

Good Health

5

DECOMMISSIONED

MAINTENANCE MODE

RACK

ROLE GROUP

ROLE TYPE

STATE

HEALTH TESTS

| Host | Role Instances |
|--------------------------|----------------|
| ip-10-0-0-4.ec2.internal | Impala Daemon |

Impala Daemon

Delete

Cancel

| | | | | | |
|-------------------------------------|----------------------------------|-----------------------------------|---------|--|---------------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="radio"/> | Impala Daemon | Stopped | ip-10-0-0-4.ec2.internal | Impala Daemon Default Group |
| <input type="checkbox"/> | <input checked="" type="radio"/> | Impala Daemon | Started | ip-10-0-0-224.ec2.internal | Impala Daemon Default Group |
| <input type="checkbox"/> | <input checked="" type="radio"/> | Impala Daemon | Started | ip-10-0-0-91.ec2.internal | Impala Daemon Default Group |
| <input type="checkbox"/> | <input checked="" type="radio"/> | Impala Daemon | Started | ip-10-0-0-217.ec2.internal | Impala Daemon Default Group |
| <input type="checkbox"/> | <input checked="" type="radio"/> | Impala StateStore | Started | ip-10-0-0-143.ec2.internal | Impala StateStore Default Group |

Display 25 Entries



Search (Hotkey: /)



Support

admin

Core Cluster >

IMPALA-1

Status

Instances

Configuration

Commands

Audits

Queries

Charts ▾



Actions ▾

Role Instances

Add Role Instances

Role Groups

Filters

SEARCH

STATUS

All 5

Good Health 5

DECOMMISSIONED

MAINTENANCE MODE

RACK

ROLE GROUP

ROLE TYPE

STATE

HEALTH TESTS

Actions for Selected ▾

| <input type="checkbox"/> | Role Type | State | Host | Role Group |
|--------------------------|---------------------------------------|---------|--|-------------------------------------|
| <input type="checkbox"/> | Impala Catalog Server | Started | ip-10-0-0-143.ec2.internal | Impala Catalog Server Default Group |
| <input type="checkbox"/> | Impala Daemon | Started | ip-10-0-0-224.ec2.internal | Impala Daemon Default Group |
| <input type="checkbox"/> | Impala Daemon | Started | ip-10-0-0-91.ec2.internal | Impala Daemon Default Group |
| <input type="checkbox"/> | Impala Daemon | Started | ip-10-0-0-217.ec2.internal | Impala Daemon Default Group |
| <input type="checkbox"/> | Impala StateStore | Started | ip-10-0-0-143.ec2.internal | Impala StateStore Default Group |

Display 25 Entries



Search (Hotkey: /)

Support ▾ admin ▾

Core Cluster ▾

YARN-1 Status Instances Configuration Commands Audits Applications Charts Library



Role Instances

[Add Role Instances](#)[Role Groups](#)

Filters

SEARCH

STATUS

- All 6
- Good Health 6
- DECOMMISSIONED
- MAINTENANCE MODE
- RACK
- ROLE GROUP
- ROLE TYPE
- STATE
- HEALTH TESTS

Actions for Selected (1) ▾

| <input type="checkbox"/> | Role Type | State | Host | Role Group |
|-------------------------------------|--|---------|--|---------------------------------|
| <input type="checkbox"/> | JobHistory Server | Started | ip-10-0-0-143.ec2.internal | JobHistory Server Default Group |
| <input checked="" type="checkbox"/> | NodeManager | Started | ip-10-0-0-4.ec2.internal | NodeManager Default Group |
| <input type="checkbox"/> | NodeManager | Started | ip-10-0-0-224.ec2.internal | NodeManager Default Group |
| <input type="checkbox"/> | NodeManager | Started | ip-10-0-0-91.ec2.internal | NodeManager Default Group |
| <input type="checkbox"/> | NodeManager | Started | ip-10-0-0-217.ec2.internal | NodeManager Default Group |
| <input type="checkbox"/> | ResourceManager (Active) | Started | ip-10-0-0-143.ec2.internal | ResourceManager Default Group |

Display 25 Entries



Search (Hotkey: /)



Support ▾

admin ▾

Core Cluster ▾

YARN

Decommission

Role

Are you sure you want to run the **Decommission** command on the following roles?

Host

ip-10-0-0-4.ec2.internal

Role Instances

YARN (MR2 Included) NodeManager

Decommission

Cancel

Filter

▼ SE

▼ STATUS

All 6

Good Health 6

DECOMMISSIONED

MAINTENANCE MODE

RACK

ROLE GROUP

ROLE TYPE

STATE

HEALTH TESTS

| | | | | | |
|-------------------------------------|--|--|---------|--|-------------------------------|
| <input checked="" type="checkbox"/> | | NodeManager | Started | ip-10-0-0-4.ec2.internal | NodeManager Default Group |
| <input type="checkbox"/> | | NodeManager | Started | ip-10-0-0-224.ec2.internal | NodeManager Default Group |
| <input type="checkbox"/> | | NodeManager | Started | ip-10-0-0-91.ec2.internal | NodeManager Default Group |
| <input type="checkbox"/> | | NodeManager | Started | ip-10-0-0-217.ec2.internal | NodeManager Default Group |
| <input type="checkbox"/> | | ResourceManager (Active) | Started | ip-10-0-0-143.ec2.internal | ResourceManager Default Group |

Display 25 Entries



Search (Hotkey: /)



Support ▾

admin ▾

Core Cluster ▾

YARN NodeManager

Role

Filter

SE

STATUS

All 6

Stopped 1

Good Health 5

DECOMMISSIONED

MAINTENANCE MODE

RACK

ROLE GROUP

ROLE TYPE

STATE

HEALTH TESTS

Delete Role Instances

Are you sure you want to delete the following role instances?

| Host | Role Instances |
|--------------------------|---------------------------------|
| ip-10-0-0-4.ec2.internal | YARN (MR2 Included) NodeManager |

Delete

Cancel

| | | | | | |
|-------------------------------------|----------------------------------|--|---------|--|-------------------------------|
| <input checked="" type="checkbox"/> | <input type="radio"/> | NodeManager | Stopped | ip-10-0-0-4.ec2.internal | NodeManager Default Group |
| <input type="checkbox"/> | <input checked="" type="radio"/> | NodeManager | Started | ip-10-0-0-224.ec2.internal | NodeManager Default Group |
| <input type="checkbox"/> | <input checked="" type="radio"/> | NodeManager | Started | ip-10-0-0-91.ec2.internal | NodeManager Default Group |
| <input type="checkbox"/> | <input checked="" type="radio"/> | NodeManager | Started | ip-10-0-0-217.ec2.internal | NodeManager Default Group |
| <input type="checkbox"/> | <input checked="" type="radio"/> | ResourceManager (Active) | Started | ip-10-0-0-143.ec2.internal | ResourceManager Default Group |

Display 25 Entries



Search (Hotkey: /)



Support ▾

admin ▾

Core Cluster ▾

HD Decommission

Role

Filter

SE

STATUS

All

7

None

1

Good Health

6

DECOMMISSIONED

MAINTENANCE MODE

RACK

ROLE GROUP

ROLE TYPE

STATE

HEALTH TESTS

Are you sure you want to run the **Decommission** command on the following roles?

Host

ip-10-0-0-4.ec2.internal

Role Instances

HDFS DataNode



Edits

Decommission

Cancel

| | | | | | |
|-------------------------------------|--|-----------------------------------|---------|--|---------------------------------|
| <input checked="" type="checkbox"/> | | DataNode | Started | ip-10-0-0-4.ec2.internal | DataNode Default Group |
| <input type="checkbox"/> | | DataNode | Started | ip-10-0-0-224.ec2.internal | DataNode Default Group |
| <input type="checkbox"/> | | DataNode | Started | ip-10-0-0-91.ec2.internal | DataNode Default Group |
| <input type="checkbox"/> | | DataNode | Started | ip-10-0-0-217.ec2.internal | DataNode Default Group |
| <input type="checkbox"/> | | NameNode (Active) | Started | ip-10-0-0-143.ec2.internal | NameNode Default Group |
| <input type="checkbox"/> | | SecondaryNameNode | Started | ip-10-0-0-143.ec2.internal | SecondaryNameNode Default Group |

Display 25 Entries



Search (Hotkey: /)



Support ▾

admin ▾

Core Cluster ▾



Delete Role Instances



Role

Host

ip-10-0-0-4.ec2.internal

Role Instances

HDFS DataNode

Edits

Filter

▼ SE

▼ STATUS

All 7

None 1

Stopped 1

Good Health 5

DECOMMISSIONED

MAINTENANCE MODE

RACK

ROLE GROUP

ROLE TYPE

STATE

HEALTH TESTS

| | | | | | |
|-------------------------------------|----------------------------------|-----------------------------------|---------|--|---------------------------------|
| <input checked="" type="checkbox"/> | <input type="radio"/> | DataNode | Stopped | ip-10-0-0-4.ec2.internal | DataNode Default Group |
| <input type="checkbox"/> | <input checked="" type="radio"/> | DataNode | Started | ip-10-0-0-224.ec2.internal | DataNode Default Group |
| <input type="checkbox"/> | <input checked="" type="radio"/> | DataNode | Started | ip-10-0-0-91.ec2.internal | DataNode Default Group |
| <input type="checkbox"/> | <input checked="" type="radio"/> | DataNode | Started | ip-10-0-0-217.ec2.internal | DataNode Default Group |
| <input type="checkbox"/> | <input checked="" type="radio"/> | NameNode (Active) | Started | ip-10-0-0-143.ec2.internal | NameNode Default Group |
| <input type="checkbox"/> | <input checked="" type="radio"/> | SecondaryNameNode | Started | ip-10-0-0-143.ec2.internal | SecondaryNameNode Default Group |

Display 25 Entries

Add Role Instances to HDFS-1

Customize Role Assignments

You can specify the role assignments for your new roles here.

You can also view the role assignments by host.

[!\[\]\(48cebcbbac721c1b7f9a5efb8d8cb622_img.jpg\) View By Host](#)

HDFS

FC Failover Controller

Select hosts

SNN SecondaryNameNode × 1

Select hosts

NFSG NFS Gateway

Select hosts

HFS HttpFS

Select hosts

NN NameNode × 1

Select hosts

G Gateway

Select hosts

JN JournalNode

Select hosts

DN DataNode × 3

Select hosts ▾

 Back

1 2 3

 Continue

1 Host Selected

x

Select hosts for a new or existing role. The host list is filtered to remove hosts that are not valid candidates; these include hosts that are unhealthy, members of other clusters, and/or have an incompatible version of CDH installed on them.

 Enter hostnames: host01, host[01-10], IP addresses or rack.

Search

| <input type="checkbox"/> | Host Name | IP Address | Rack | Cores | Physical Memory | Existing Roles | Added Roles |
|-------------------------------------|----------------------------|------------|----------|-------|-----------------|--|--------------|
| <input type="checkbox"/> | ip-10-0-0-143.ec2.internal | 10.0.0.143 | /default | 4 | 14.5 GiB | M B NN SNN G HMS HS2 ICS ISS G HS JHS RM S | |
| <input type="checkbox"/> | ip-10-0-0-217.ec2.internal | 10.0.0.217 | /default | 4 | 14.5 GiB | RS DN G ID G NM | |
| <input type="checkbox"/> | ip-10-0-0-224.ec2.internal | 10.0.0.224 | /default | 4 | 14.5 GiB | RS DN G ID G NM S | HDFS Gateway |
| <input checked="" type="checkbox"/> | ip-10-0-0-4.ec2.internal | 10.0.0.4 | /default | 4 | 14.5 GiB | G G | G |
| <input type="checkbox"/> | ip-10-0-0-91.ec2.internal | 10.0.0.91 | /default | 4 | 14.5 GiB | RS DN G ID G NM S | |

Tip: Click the first checkbox, hold down the Shift key and click the last checkbox to select a range.

Showing 1 to 5 of 5 entries

Display 25 Entries

OK

Cancel

Add Role Instances to YARN-1

Customize Role Assignments

You can specify the role assignments for your new roles here.

You can also view the role assignments by host.

[!\[\]\(840415cd8a21d39dc090d0cb2c8dbcf7_img.jpg\) View By Host](#)

YARN (MR2 Included)

 G Gateway

 RM ResourceManager × 1

 NM NodeManager × 3

Select hosts

Select a host

Select hosts ▾

1 Host Selected

x

Select hosts for a new or existing role. The host list is filtered to remove hosts that are not valid candidates; these include hosts that are unhealthy, members of other clusters, and/or have an incompatible version of CDH installed on them.

 Enter hostnames: host01, host[01-10], IP addresses or rack.

Search

| <input type="checkbox"/> | Host Name | IP Address | Rack | Cores | Physical Memory | Existing Roles | Added Roles |
|-------------------------------------|----------------------------|------------|----------|-------|-----------------|--|--------------------------------|
| <input type="checkbox"/> | ip-10-0-0-143.ec2.internal | 10.0.0.143 | /default | 4 | 14.5 GiB | M B NN SNN G HMS HS2 ICS ISS G HS JHS RM S | |
| <input type="checkbox"/> | ip-10-0-0-217.ec2.internal | 10.0.0.217 | /default | 4 | 14.5 GiB | RS DN G ID G NM | |
| <input type="checkbox"/> | ip-10-0-0-224.ec2.internal | 10.0.0.224 | /default | 4 | 14.5 GiB | RS DN G ID G NM S | YARN (MR2 Included) Gateway |
| <input checked="" type="checkbox"/> | ip-10-0-0-4.ec2.internal | 10.0.0.4 | /default | 4 | 14.5 GiB | G G G | G |
| <input type="checkbox"/> | ip-10-0-0-91.ec2.internal | 10.0.0.91 | /default | 4 | 14.5 GiB | RS DN G ID G NM S | |

Tip: Click the first checkbox, hold down the Shift key and click the last checkbox to select a range.

Showing 1 to 5 of 5 entries

Display 25 Entries

OK

Cancel

Add Role Instances to YARN-1

Customize Role Assignments

You can specify the role assignments for your new roles here.

You can also view the role assignments by host.

[!\[\]\(b23bf7909a7eba79cc55617131da70b0_img.jpg\) View By Host](#)

YARN (MR2 Included)

 Gateway × 1 New

 ResourceManager × 1

 NodeManager × 3

ip-10-0-0-4.ec2.internal ▾

Select a host

Select hosts ▾

 Back

1 2 3

 Continue

Add Role Instances to HBASE-1

Customize Role Assignments

You can specify the role assignments for your new roles here.

You can also view the role assignments by host.

[!\[\]\(19912475863c8d57d179115820c2fa90_img.jpg\) View By Host](#)

HBase

 Master × 1

Select hosts

 HBase Thrift Server

Select hosts

 Gateway

Select hosts

 HBase REST Server

Select hosts

 RegionServer × 3

Select hosts ▾

1 Host Selected

x

Select hosts for a new or existing role. The host list is filtered to remove hosts that are not valid candidates; these include hosts that are unhealthy, members of other clusters, and/or have an incompatible version of CDH installed on them.

 Enter hostnames: host01, host[01-10], IP addresses or rack.

Search

| <input type="checkbox"/> | Host Name | IP Address | Rack | Cores | Physical Memory | Existing Roles | Added Roles |
|-------------------------------------|----------------------------|------------|----------|-------|-----------------|--|---------------|
| <input type="checkbox"/> | ip-10-0-0-143.ec2.internal | 10.0.0.143 | /default | 4 | 14.5 GiB | M B NN SNN G HMS HS2 ICS ISS G HS JHS RM S | |
| <input type="checkbox"/> | ip-10-0-0-217.ec2.internal | 10.0.0.217 | /default | 4 | 14.5 GiB | RS DN G ID G NM | |
| <input type="checkbox"/> | ip-10-0-0-224.ec2.internal | 10.0.0.224 | /default | 4 | 14.5 GiB | RS DN G ID G NM S | HBase Gateway |
| <input checked="" type="checkbox"/> | ip-10-0-0-4.ec2.internal | 10.0.0.4 | /default | 4 | 14.5 GiB | G G G G | G |
| <input type="checkbox"/> | ip-10-0-0-91.ec2.internal | 10.0.0.91 | /default | 4 | 14.5 GiB | RS DN G ID G NM S | |

Tip: Click the first checkbox, hold down the Shift key and click the last checkbox to select a range.

Showing 1 to 5 of 5 entries

Display 25 Entries

OK

Cancel

Add Role Instances to HBASE-1

Customize Role Assignments

You can specify the role assignments for your new roles here.

You can also view the role assignments by host.

[!\[\]\(c5766131ceb9a350adcd604a1b121801_img.jpg\) View By Host](#)

HBase

 Master × 1

Select hosts

 HBase Thrift Server

Select hosts

 Gateway × 1 New

ip-10-0-0-4.ec2.internal ▾

 HBase REST Server

Select hosts

 RegionServer × 3

Select hosts ▾

SEARCH

ANSWER

◀ STATUS

All

6

Good Health

► CLUSTERS

▶ CORES

DECOMMISSIONED

LAST HEARTBEAT

▶ LOAD (1 MINUTE)

• LOAD (5 MINUTES)

► MAINTENANCE MODE

• Back

30 minutes preceding August 8, 2017, 4:55 AM UTC

Home Status All Health Issues Configuration ▾ All Recent Commands

Add Cluster

● Core_Cluster (CDH 5.4.4, Parcels)

- Hosts
- HBASE-1
- HDFS-1
- HIVE-1
- IMPALA-1
- SPARK_ON_YA...
- YARN-1
- ZOOKEEPER-1

HBASE-1 Actions

- Start
- Restart
- Rolling Restart

- Stop

- Rename

- Delete

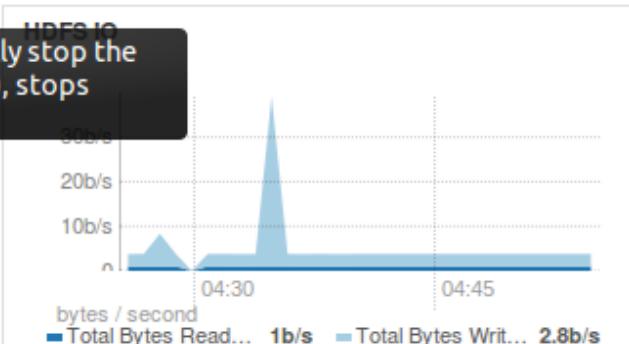
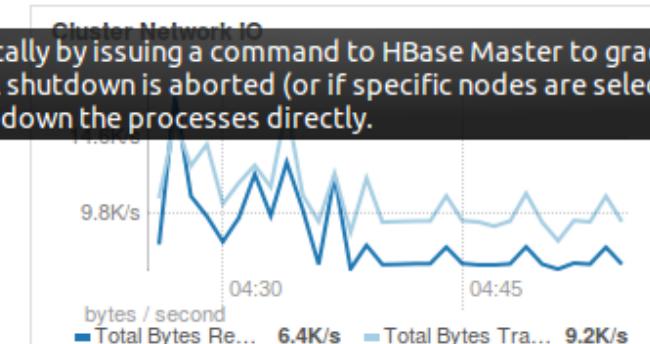
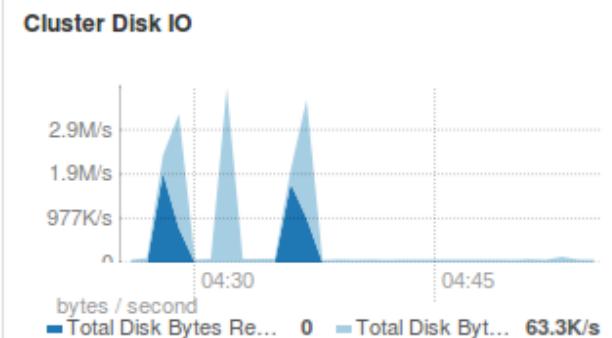
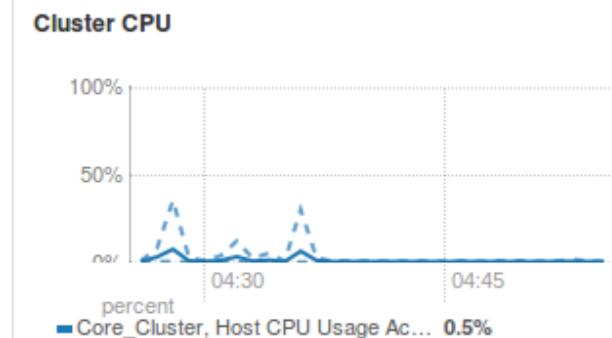
Stops HBase, typically by issuing a command to HBase Master to gracefully stop the service. If graceful shutdown is aborted (or if specific nodes are selected), stops HBase by shutting down the processes directly.

Cloudera Management Services

- MGMT

Charts

30m 1h 2h 6h 12h 1d 7d 30d



Completed Impala Queries

1

30 minutes preceding August 8, 2017, 4:55 AM UTC

Home Status All Health Issues Configuration

Add Cluster

Core_Cluster (CDH 5.4.4, Parcels)

| |
|----------------|
| Hosts |
| HBASE-1 |
| HDFS-1 |
| HIVE-1 |
| IMPALA-1 |
| SPARK_ON_YA... |
| YARN-1 |
| ZOOKEEPER-1 |

Cloudera Management Service

| |
|------|
| MGMT |
|------|

Stop

Are you sure you want to run the **HBase Graceful Shutdown** command on the service **HBASE-1**?

The following service(s) depend on HBase service HBASE-1. It is recommended that they are stopped before stopping HBASE-1.

- Impala service **IMPALA-1**

Stop

Cancel

Core_Cluster, Host CPU Usage Avg... 0.5%

Total Disk Bytes Re... 0 Total Disk Byt... 63.3K/s

Cluster Network IO



HDFS IO



Completed Impala Queries

1

30 minutes preceding August 8, 2017, 4:56 AM UTC

Home Status All Health Issues Configuration

Add Cluster

Core_Cluster (CDH 5.4.4, Parcels)

| |
|----------------|
| Hosts |
| HBASE-1 |
| HDFS-1 |
| HIVE-1 |
| IMPALA-1 |
| SPARK_ON_YA... |
| YARN-1 |
| ZOOKEEPER-1 |

Cloudera Management Service

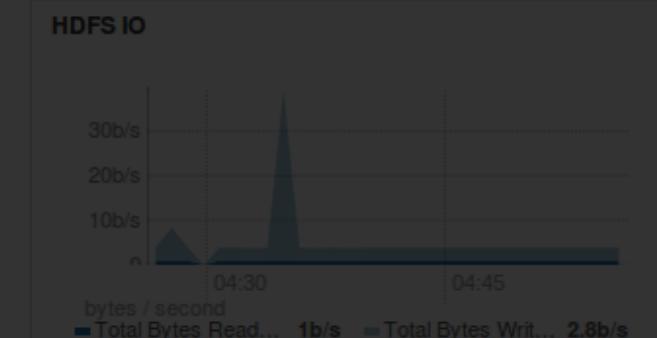
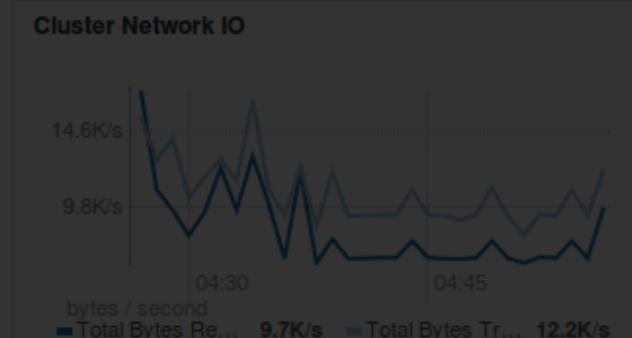
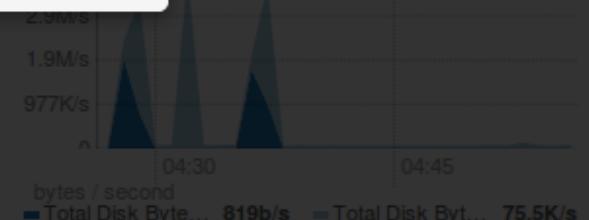
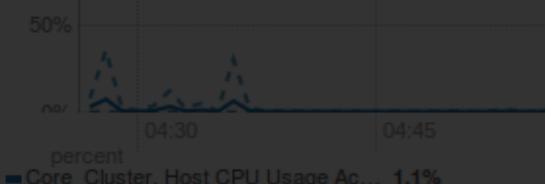
| |
|------|
| MGMT |
|------|

Stop

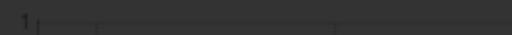
Are you sure you want to run the **Stop** command on the service **IMPALA-1**?

Stop

Cancel



Completed Impala Queries



30 minutes preceding August 8, 2017, 4:56 AM UTC

Home Status All Health Issues Configuration

Add Cluster

Core_Cluster (CDH 5.4.4, Parcels)

| |
|---------------|
| Hosts |
| HBASE-1 |
| HDFS-1 |
| HIVE-1 |
| IMPALA-1 |
| SPARK_ON_YARN |
| YARN-1 |
| ZOOKEEPER-1 |

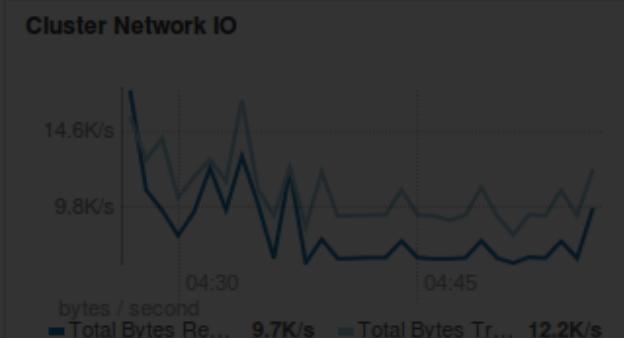
Cloudera Management Service

| |
|------|
| MGMT |
|------|

Delete Dependent Services

The following service(s) depend on HBase service HBASE-1. They need to be deleted before deleting HBASE-1.

- Impala service IMPALA-1

Close**Completed Impala Queries**

1

30 minutes containing August 8, 2017, 4:56 AM UTC

Home Status All Health Issues Configuration

Add Cluster

Core_Cluster (CDH 5.4.4, Parcels)

- Hosts
- HBASE-1
- HDFS-1
- HIVE-1
- IMPALA-1
- SPARK_ON_YA...
- YARN-1
- ZOOKEEPER-1

Cloudera Management Service

- MGMT

Delete Service

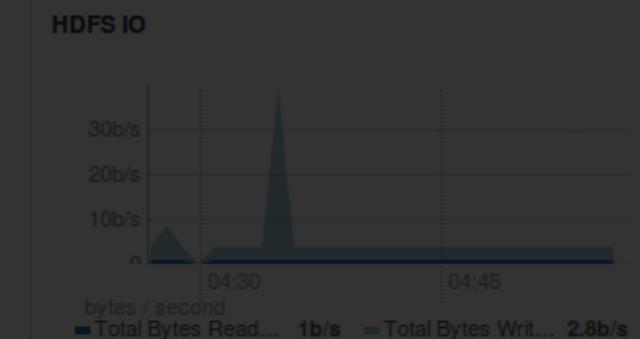
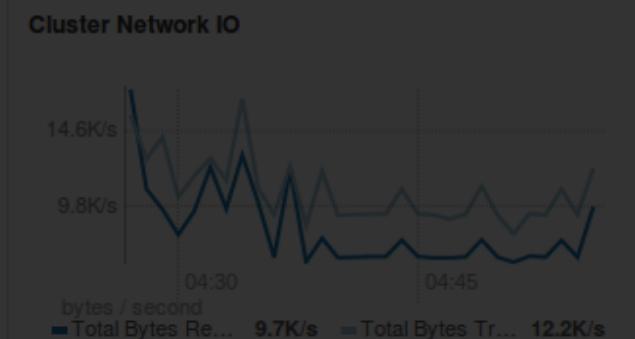
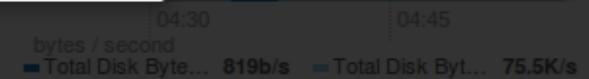


Are you sure you want to delete the service IMPALA-1?

Note: This does not remove the service data from your hosts. It only removes this service from management by Cloudera Manager. All role groups under this service will be removed from host templates.

Delete

Cancel



Completed Impala Queries

1

[Home](#) [Status](#) [All Health Issues](#) [Configuration](#)

● **Core_Cluster** (CDH 5.4.4, Parcels)

Cloudera Management Service

-  C MGMT

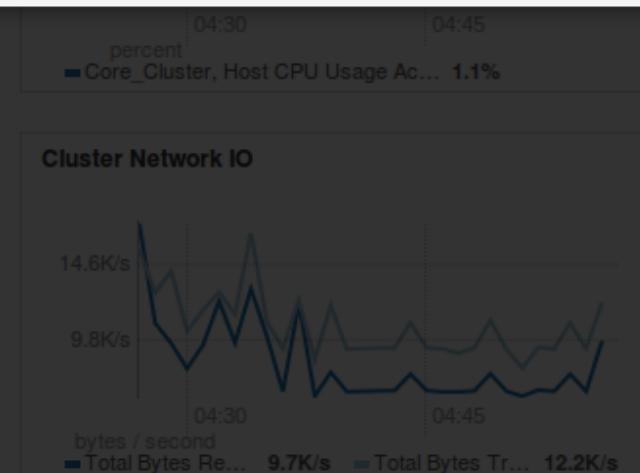
Delete Service

Are you sure you want to delete the service **HBASE-1**?

Note: This does not remove the service data from your hosts. It only removes this service from management by Cloudera Manager. All role groups under this service will be removed from host templates.

Delete

[Cancel](#)



30 minutes preceding August 8, 2017, 4:58 AM UTC

Home Status All Health Issues Configuration ▾ All Recent Commands

Add Cluster

● Core_Cluster (CDH 5.4.4, Parcels)

Add a Service

- Hosts
- HDFS-1
- HIVE-1
- SPARK_C...
- YARN-1
- ZOOKEE...

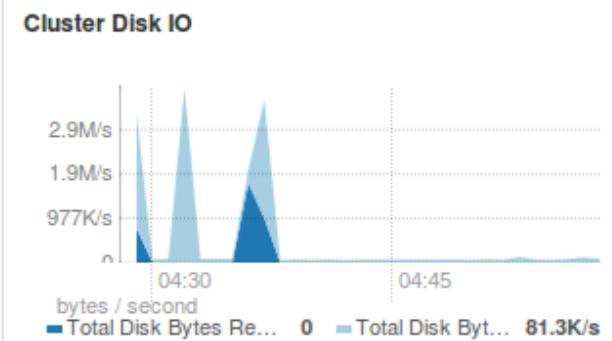
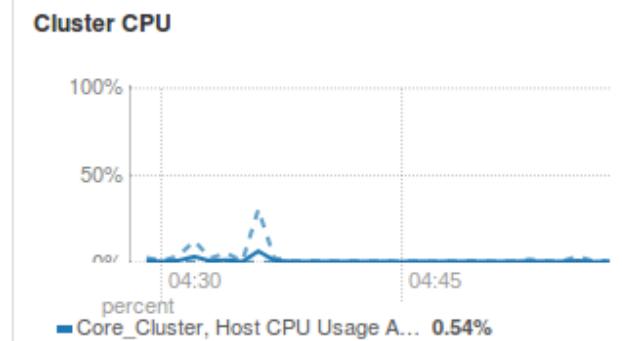
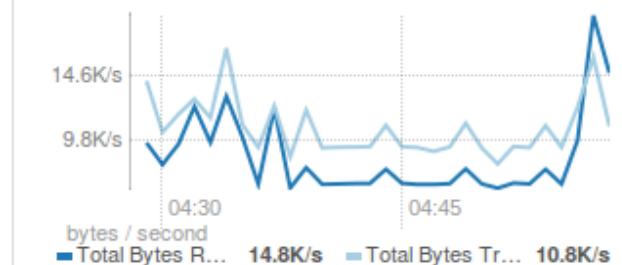
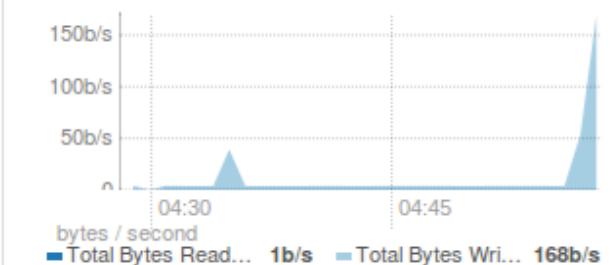
Cloudera Manager

● MGMT

- Upgrade Cluster
- Refresh Cluster
- Refresh Dynamic Resource Pools
- Enable Kerberos
- Host Inspector (Cluster)

[View Client Configuration URLs](#)[Rename Cluster](#)

Charts

30m 1h 2h 6h 12h 1d 7d 30d **Cluster Network IO****HDFS IO**

| EMR IS A DISTRIBUTED MESSAGE SYSTEM | |
|--|--|
| <input type="radio"/> | Java KeyStore KMS The Hadoop Key Management Service with file-based Java KeyStore. Maintains a single copy of keys, using simple password-based protection. Requires CDH 5.3+. Not recommended for production use. |
| <input type="radio"/> | Kafka Apache Kafka is publish-subscribe messaging rethought as a distributed commit log. Before adding this service, ensure that the Kafka parcel is installed. |
| <input type="radio"/> | Key Trustee KMS The Hadoop Key Management Service backed by Navigator Key Trustee Server for enterprise-grade key storage and protection. Requires CDH 5.3+ and existing Key Trustee Servers. Before adding this service, ensure that you have installed the Key Trustee binaries, which are not included in CDH. |
| <input type="radio"/> | Key-Value Store Indexer Key-Value Store Indexer listens for changes in data inside tables contained in HBase and indexes them using Solr. |
| <input type="radio"/> | MapReduce Apache Hadoop MapReduce supports distributed computing on large data sets across your cluster (requires HDFS). YARN (MapReduce 2 Included) is recommended instead. MapReduce is included for backward compatibility. |
| Oozie Oozie is a workflow coordination service to manage data processing jobs on your cluster. | |
| <input type="radio"/> | Sentry Sentry service stores authorization policy metadata and provides clients concurrent and secure access to this metadata. |
| <input type="radio"/> | Solr Solr is a distributed service for indexing and searching data stored in HDFS. |
| <input type="radio"/> | Spark Apache Spark is an open source cluster computing system. This service runs Spark as an application on YARN. |
| <input type="radio"/> | Spark (Standalone) Apache Spark is an open source cluster computing system. This is the standalone version of the service which does not use YARN for resource management. Cloudera recommends using Spark on YARN instead of this standalone version. |
| <input type="radio"/> | Sqoop 1 Client Configuration and connector management for Sqoop 1. |
| <input type="radio"/> | Sqoop 2 Sqoop is a tool designed for efficiently transferring bulk data between Apache Hadoop and structured datastores such as relational databases. The version supported by Cloudera Manager is Sqoop 2 . |
| <input type="radio"/> | YARN (MR2 Included) Apache Hadoop MapReduce 2.0 (MRv2), or YARN, is a data computation framework that supports MapReduce applications (requires HDFS). |
| <input type="radio"/> | ZooKeeper Apache ZooKeeper is a centralized service for maintaining and synchronizing configuration data. |

Add Service Wizard

Select the set of dependencies for your new service

|  HDFS |  Hive |  Spark |  YARN (MR2 Included) |  ZooKeeper |
|--|--|---|---|---|
| <input type="radio"/> HDFS-1 | | SPARK_ON_YARN-1 | YARN-1 | ZOOKEEPER-1 |
| <input type="radio"/> HDFS-1 | | | YARN-1 | ZOOKEEPER-1 |
| <input checked="" type="radio"/> HDFS-1 | HIVE-1 | SPARK_ON_YARN-1 | YARN-1 | ZOOKEEPER-1 |

 Back

1 **2** 3 4 5 6 7

 Continue

1 Host Selected

x

Select hosts for a new or existing role. The host list is filtered to remove hosts that are not valid candidates; these include hosts that are unhealthy, members of other clusters, and/or have an incompatible version of CDH installed on them.

Search

| Host Name | IP Address | Rack | Cores | Physical Memory | Existing Roles | Added Roles |
|--|------------|----------|-------|-----------------|----------------------------------|--------------|
| ip-10-0-0-143.ec2.internal | 10.0.0.143 | /default | 4 | 14.5 GiB | B NN SNN G HMS HS2 G HS JHS RM S | |
| ip-10-0-0-217.ec2.internal | 10.0.0.217 | /default | 4 | 14.5 GiB | DN G G NM | |
| ip-10-0-0-224.ec2.internal | 10.0.0.224 | /default | 4 | 14.5 GiB | DN G G NM S | Oozie Server |
| <input checked="" type="checkbox"/> ip-10-0-0-4.ec2.internal | 10.0.0.4 | /default | 4 | 14.5 GiB | G G G G | os |
| ip-10-0-0-91.ec2.internal | 10.0.0.91 | /default | 4 | 14.5 GiB | DN G G NM S | |

Showing 1 to 5 of 5 entries

Display 25 Entries

OK

Cancel

Back

1 2 3 4 5 6 7

Continue

Add Service Wizard

Customize Role Assignments

You can customize the role assignments for your new service here, but note that if assignments are made incorrectly, such as assigning too many roles to a single host, performance will suffer.

You can also view the role assignments by host. [!\[\]\(a1f361090ddffdf9a3763af3034ac366_img.jpg\) View By Host](#)

Oozie

 Oozie Server × 1 New

ip-10-0-0-4.ec2.internal ▾

Add Service Wizard

Database Setup

Configure and test database connections. If using custom databases, create the databases first according to the **Installing and Configuring an External Database** section of the [Installation Guide](#).

- Use Custom Databases
 Use Embedded Database

When using the embedded database, passwords are automatically generated. Please copy them down.

Oozie Server

Currently assigned to run on **ip-10-0-0-4.ec2.internal**.

Database Host Name:

ip-10-0-0-105.ec2.internal:7432

Database Type:

PostgreSQL

Database Name :

oozie_oozie_se

Username:

oozie_oozie_se

Password:

qOUKLUTJa8

Test Connection

Back

1 2 3 4 5 6 7

Continue

Add Service Wizard

Database Setup

Configure and test database connections. If using custom databases, create the databases first according to the **Installing and Configuring an External Database** section of the [Installation Guide](#).

- Use Custom Databases
- Use Embedded Database

When using the embedded database, passwords are automatically generated. Please copy them down.

Oozie Server

✓ Skipped. Cloudera Manager will create this database in a later step.

Currently assigned to run on **ip-10-0-0-4.ec2.internal**.

Database Host Name:

Database Type:

Database Name :

Username:

Password:

Test Connection

Add Service Wizard

Review Changes

ShareLib Root Directory

oozie.service.WorkflowAppService.system.lib
path

Oozie (Service-Wide)

**Oozie Server Data Directory**

Oozie Server Default Group

[« Back](#)

1 2 3 4 5 6 7

[» Continue](#)

Add Service Wizard

Progress

| Command | Context | Status | Started at | Ended at |
|-----------|---------|----------|----------------------------|----------------------------|
| First Run | | Finished | Aug 8, 2017 5:00:51 AM UTC | Aug 8, 2017 5:02:38 AM UTC |

Finished First Run of all services successfully.

Command Progress

Completed 4 of 4 steps.

- Creating Oozie Database
Successfully created Oozie database.
[Details ↗](#)
- Creating Oozie Database Tables
Oozie database tables created successfully.
[Details ↗](#)
- Installing Oozie ShareLib in HDFS

30 minutes preceding August 8, 2017, 5:02 AM UTC

Home Status All Health Issues Configuration ▾ All Recent Commands

Add Cluster

● Core_Cluster (CDH 5.4.4, Parcels)

Add a Service

- Hosts
- HDFS-1
- HIVE-1
- Oozie
- SPARK_C
- YARN-1
- ZOOKEE

Cloudera Manager

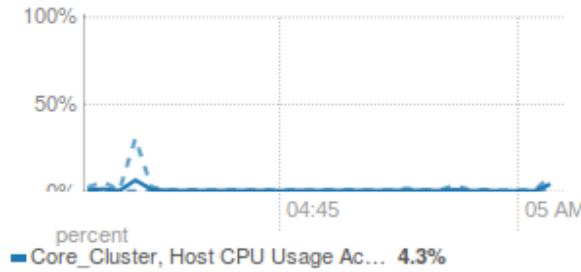
● MGMT

- Start
- Stop
- Restart
- Rolling Restart
- Deploy Client Configuration
- Deploy Kerberos Client Configuration
- Upgrade Cluster
- Refresh Cluster
- Refresh Dynamic Resource Pools
- Enable Kerberos
- Host Inspector (Cluster)

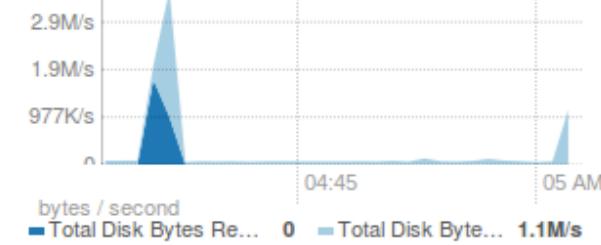
[View Client Configuration URLs](#)[Rename Cluster](#)

Charts

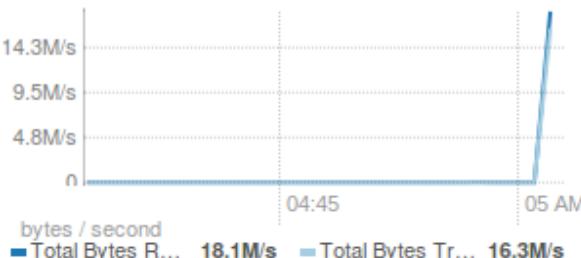
Cluster CPU



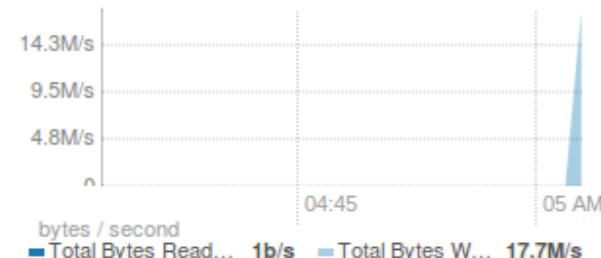
Cluster Disk IO



Cluster Network IO



HDFS IO



Add Service Wizard

Select the type of service you want to add.

| Service Type | Description |
|---|--|
| <input type="radio"/>  Accumulo 1.6 | The Apache Accumulo sorted, distributed key/value store is a robust, scalable, high performance data storage and retrieval system. |
| <input type="radio"/>  Flume | Flume collects and aggregates data from almost any source into a persistent store such as HDFS. |
| <input type="radio"/>  HBase | Apache HBase provides random, real-time, read/write access to large data sets (requires HDFS and ZooKeeper). |
| <input type="radio"/>  HDFS | Apache Hadoop Distributed File System (HDFS) is the primary storage system used by Hadoop applications. HDFS creates multiple replicas of data blocks and distributes them on compute hosts throughout a cluster to enable reliable, extremely rapid computations. |
| <input type="radio"/>  Hive | Hive is a data warehouse system that offers a SQL-like language called HiveQL. |
| <input checked="" type="radio"/>  Hue | Hue is a graphical user interface to work with Cloudera's Distribution Including Apache Hadoop (requires HDFS, MapReduce, and Hive). |
| <input type="radio"/>  Impala | Impala provides a real-time SQL query interface for data stored in HDFS and HBase. Impala requires Hive service and shares Hive Metastore with Hue. |
| <input type="radio"/>  Isilon | EMC Isilon is a distributed filesystem. |
| <input type="radio"/>  Java KeyStore KMS | The Hadoop Key Management Service with file-based Java KeyStore. Maintains a single copy of keys, using simple password-based protection. Requires CDH 5.3+. Not recommended for production use. |
| <input type="radio"/>  Kafka | Apache Kafka is publish-subscribe messaging rethought as a distributed commit log. Before adding this service, ensure that the Kafka parcel is installed. |

Add Service Wizard

Select the set of dependencies for your new service

|  HDFS |  Hive |  Oozie |  Spark |  YARN (MR2 Included) |  ZooKeeper |
|--|--|---|---|---|---|
|  HDFS-1 | HIVE-1 | Oozie | SPARK_ON_YARN-1 | YARN-1 | ZOOKEEPER-1 |

 Back

1  3 4 5 6 7

 Continue

1 Host Selected

x

Select hosts for a new or existing role. The host list is filtered to remove hosts that are not valid candidates; these include hosts that are unhealthy, members of other clusters, and/or have an incompatible version of CDH installed on them.

 Enter hostnames: host01, host[01-10], IP addresses or rack.

Search

| <input type="checkbox"/> | Host Name | IP Address | Rack | Cores | Physical Memory | Existing Roles | Added Roles |
|-------------------------------------|----------------------------|------------|----------|-------|-----------------|----------------------------------|-------------|
| <input type="checkbox"/> | ip-10-0-0-143.ec2.internal | 10.0.0.143 | /default | 4 | 14.5 GiB | B NN SNN G HMS HS2 G HS JHS RM S | |
| <input type="checkbox"/> | ip-10-0-0-217.ec2.internal | 10.0.0.217 | /default | 4 | 14.5 GiB | DN G G NM | |
| <input type="checkbox"/> | ip-10-0-0-224.ec2.internal | 10.0.0.224 | /default | 4 | 14.5 GiB | DN G G NM S | Hue Server |
| <input checked="" type="checkbox"/> | ip-10-0-0-4.ec2.internal | 10.0.0.4 | /default | 4 | 14.5 GiB | G G OS G G | HS |
| <input type="checkbox"/> | ip-10-0-0-91.ec2.internal | 10.0.0.91 | /default | 4 | 14.5 GiB | DN G G NM S | |

Tip: Click the first checkbox, hold down the Shift key and click the last checkbox to select a range.

Showing 1 to 5 of 5 entries

Display 25 Entries

OK

Cancel

Add Service Wizard

Customize Role Assignments

You can customize the role assignments for your new service here, but note that if assignments are made incorrectly, such as assigning too many roles to a single host, performance will suffer.

You can also view the role assignments by host. [!\[\]\(68f57a52e505501f49c2bfd761cf4fbb_img.jpg\) View By Host](#)



 Hue Server × 1 New

ip-10-0-0-4.ec2.internal ▾

Core_Cluster Stale Configurations

Progress

| Command | Context | Status | Started at | Ended at |
|---|------------------------------|-------------|----------------------------|----------|
|  Deploy Client Configuration | Core_Cluster | In Progress | Aug 8, 2017 5:12:00 AM UTC | |

Command Progress

Completed 0 of 4 steps.

 Execute command deployClientConfig on service HDFS-1

[Details ↗](#)

Execute command deployClientConfig on service YARN-1

Execute command deployClientConfig on service SPARK_ON_YARN-1

Execute command deployClientConfig on service HIVE-1

30 minutes preceding August 8, 2017, 5:12 AM UTC

Home Status All Health Issues Configuration ▾ All Recent Commands 1

Add Cluster

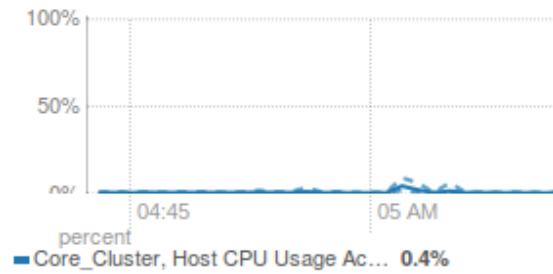
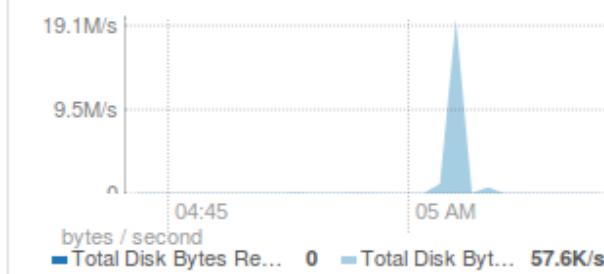
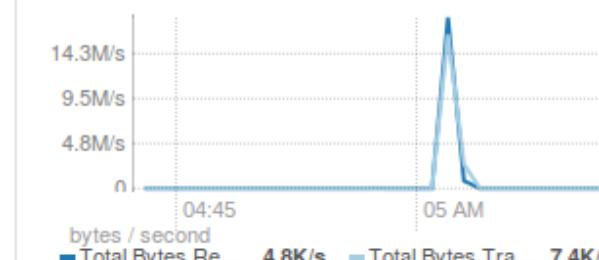
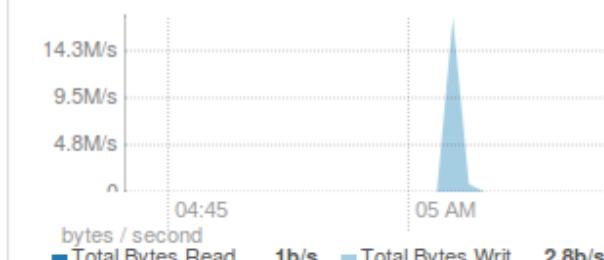
Core_Cluster (CDH 5.4.4, Parcels)

| | |
|-----------------------------|--|
| Hosts | |
| HDFS-1 | |
| HIVE-1 | |
| Hue | |
| Oozie | |
| SPARK_ON_YA... | |
| YARN-1 | |
| ZOOKEEPER-1 | |

Cloudera Management Service

| | |
|-------------------|--|
| MGMT | |
|-------------------|--|

Stale Configuration: Client configuration redeployment needed

Charts**Cluster CPU****Cluster Disk IO****Cluster Network IO****HDFS IO**



Create your Hue account

Since this is your first time logging in, pick any username and password. Be sure to remember these, as **they will become your Hue superuser credentials.**

| | |
|--|-------|
| | admin |
|--|-------|

| | |
|--|-------|
| | |
|--|-------|

Create account

Core_Cluster Stale Configurations

Progress

| Command | Context | Status | Started at | Ended at |
|-------------------------------|------------------------------|----------|----------------------------|----------------------------|
| ✓ Deploy Client Configuration | Core_Cluster | Finished | Aug 8, 2017 5:12:00 AM UTC | Aug 8, 2017 5:13:01 AM UTC |

Successfully deployed all client configurations.

Command Progress

Completed 4 of 4 steps.

- ✓ Execute command deployClientConfig on service HDFS-1

Successfully deployed client configuration.

[Details ↗](#)

- ✓ Execute command deployClientConfig on service YARN-1

Successfully deployed client configuration.

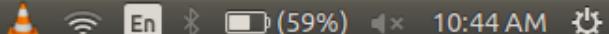
[Details ↗](#)

- ✓ Execute command deployClientConfig on service SPARK_ON_YARN-1

Successfully deployed client configuration.

[Details ↗](#)

- ✓ Execute command deployClientConfig on service HIVE-1



ec2-54-197-24-230.compute-1.amazonaws.com

```
ramij@ramij-HP:~/Downloads/Security$ ssh -i security.pem ec2-user@`cat cm`  
The authenticity of host 'ec2-54-197-24-230.compute-1.amazonaws.com (54.197.24.230)' can't be established.  
RSA key fingerprint is 48:86:8a:ad:a6:0a:c9:80:7e:4e:8c:9d:fe:fe:8d:42.  
Are you sure you want to continue connecting (yes/no)? yes  
Warning: Permanently added 'ec2-54-197-24-230.compute-1.amazonaws.com,54.197.24.230' (RSA) to the list of known hosts.  
Last login: Tue Aug  8 03:57:42 2017 from ip-10-0-0-71.ec2.internal  
[ec2-user@ip-10-0-0-105 ~]$ █
```

```
[ec2-user@ip-10-0-0-105 ~]$ sudo yum install -y krb5-server
Loaded plugins: fastestmirror, security
Loading mirror speeds from cached hostfile
 * base: mirror.cs.pitt.edu
 * extras: repos-va.psychz.net
 * updates: centos.aol.com
Setting up Install Process
Resolving Dependencies
--> Running transaction check
--> Package krb5-server.x86_64 0:1.10.3-65.el6 will be installed
--> Processing Dependency: libkadm5(x86-64) = 1.10.3-65.el6 for package: krb5-server-1.10.3-65.el6.x86_64
--> Processing Dependency: krb5-libs = 1.10.3-65.el6 for package: krb5-server-1.10.3-65.el6.x86_64
--> Running transaction check
--> Package krb5-libs.x86_64 0:1.10.3-10.el6 will be updated
--> Package krb5-libs.x86_64 0:1.10.3-65.el6 will be an update
--> Package libkadm5.x86_64 0:1.10.3-65.el6 will be installed
--> Finished Dependency Resolution
```

Dependencies Resolved

| Package | Arch | Version | Repository | Size |
|------------------------------|--------|---------------|------------|-------|
| Installing: | | | | |
| krb5-server | x86_64 | 1.10.3-65.el6 | base | 2.0 M |
| Installing for dependencies: | | | | |
| libkadm5 | x86_64 | 1.10.3-65.el6 | base | 143 k |
| Updating for dependencies: | | | | |
| krb5-libs | x86_64 | 1.10.3-65.el6 | base | 675 k |

Transaction Summary

| | |
|---------|--------------|
| Install | 2 Package(s) |
| Upgrade | 1 Package(s) |

Total download size: 2.8 M

Downloading Packages:

| | | |
|---|--------|-------|
| (1/3): krb5-libs-1.10.3-65.el6.x86_64.rpm | 675 kB | 00:00 |
| (2/3): krb5-server-1.10.3-65.el6.x86_64.rpm | 2.0 MB | 00:00 |
| (3/3): libkadm5-1.10.3-65.el6.x86_64.rpm | 143 kB | 00:00 |

Total download size: 2.8 M

Downloading Packages:

(1/3): krb5-libs-1.10.3-65.el6.x86_64.rpm
(2/3): krb5-server-1.10.3-65.el6.x86_64.rpm
(3/3): libkadm5-1.10.3-65.el6.x86_64.rpm

| 675 kB 00:00
| 2.0 MB 00:00
| 143 kB 00:00

Total

8.9 MB/s | 2.8 MB 00:00

Running rpm_check_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

Updating : krb5-libs-1.10.3-65.el6.x86_64 1/4
Installing : libkadm5-1.10.3-65.el6.x86_64 2/4
Installing : krb5-server-1.10.3-65.el6.x86_64 3/4
Cleanup : krb5-libs-1.10.3-10.el6.x86_64 4/4
Verifying : krb5-libs-1.10.3-65.el6.x86_64 1/4
Verifying : libkadm5-1.10.3-65.el6.x86_64 2/4
Verifying : krb5-server-1.10.3-65.el6.x86_64 3/4
Verifying : krb5-libs-1.10.3-10.el6.x86_64 4/4

Installed:

krb5-server.x86_64 0:1.10.3-65.el6

Dependency Installed:

libkadm5.x86_64 0:1.10.3-65.el6

Dependency Updated:

krb5-libs.x86_64 0:1.10.3-65.el6

Complete!

[ec2-user@ip-10-0-0-105 ~]\$ yum list installed "krb?-*"

Loaded plugins: fastestmirror, security

Determining fastest mirrors

* base: mirror.cs.pitt.edu
* extras: repos-va.psychz.net
* updates: mirror.cisp.com

cloudera-manager

Installed Packages

| krb5-libs.x86_64 | 1.10.3-65.el6 | @base |
|--------------------|---------------|-------|
| krb5-server.x86_64 | 1.10.3-65.el6 | @base |

[ec2-user@ip-10-0-0-105 ~]\$

1/4
2/4
3/4
4/4
1/4
2/4
3/4
4/4

7/7

@base
@base

ec2-user@ip-10-0-0-105:~



```
[ec2-user@ip-10-0-0-105 ~]$ sudo vi /etc/krb5.conf
```



```
[ec2-user@ip-10-0-0-105 ~]$ cat /etc/krb5.conf
[libdefaults]
default_realm = HADOOPSECURITY.COM
dns_lookup_realm = false
dns_lookup_kdc = false
ticket_lifetime = 24h
renew_lifetime = 7d
forwardable = true

default_tgs_enctypes = aes256-cts-hmac-sha1-96 aes128-cts-hmac-sha1-96 arcfour-hmac-md5
default_tkt_enctypes = aes256-cts-hmac-sha1-96 aes128-cts-hmac-sha1-96 arcfour-hmac-md5
permitted_enctypes = aes256-cts-hmac-sha1-96 aes128-cts-hmac-sha1-96 arcfour-hmac-md5

[realms]
HADOOPSECURITY.COM = {
  kdc = ip-10-0-0-105.ec2.internal
  admin_server = ip-10-0-0-105.ec2.internal
  max_renewable_life = 7d
}

[ec2-user@ip-10-0-0-105 ~]$
```

ec2-user@ip-10-0-0-105:~

```
[ec2-user@ip-10-0-0-105 ~]$ sudo vi /var/kerberos/krb5kdc/kadm5.acl
[ec2-user@ip-10-0-0-105 ~]$ sudo vi /var/kerberos/krb5kdc/kadm5.acl
[ec2-user@ip-10-0-0-105 ~]$ sudo cat /var/kerberos/krb5kdc/kadm5.acl
*/admin@HADOOPSECURITY.COM      *
[ec2-user@ip-10-0-0-105 ~]$
```

```
[kdcdefaults]
kdc_ports = 88
kdc_tcp_ports = 88
```

```
[realms]
HADOOPSECURITY.COM = {
    #master_key_type = aes256-cts
    acl_file = /var/kerberos/krb5kdc/kadm5.acl
    dict_file = /usr/share/dict/words
    admin_keytab = /var/kerberos/krb5kdc/kadm5.keytab
    supported_enctypes = aes256-cts:normal aes128-cts:normal des3-hmac-sha1:normal arcfour-hmac:normal des-
```



Open Save Undo

*notes cm

```
sudo vi /var/kerberos/krb5kdc/kadm5.acl
```

* /admin@HADOOPSECURITY.COM *

:wq

```
sudo vi /var/kerberos/krb5kdc/kdc.conf
```

[kdcdefaults]

kdc ports = 88

kdc_tcp_ports = 88

[realms]

HADOOPSECURITY.COM = {

```
#master_key_type = aes256-cts
```

```
acl_file = /var/kerberos/krb5kdc/
```

max renewable life = 7d

}

:wq

```
sudo kdb5 util create
```

```
[ec2-user@ip-10-0-0-105 ~]$ sudo vi /var/kerberos/krb5kdc/kdc.conf
[ec2-user@ip-10-0-0-105 ~]$ sudo cat /var/kerberos/krb5kdc/kdc.conf
[kdcdefaults]
  kdc_ports = 88
  kdc_tcp_ports = 88

[realms]
HADOOPSECURITY.COM = {
  #master_key_type = aes256-cts
  acl_file = /var/kerberos/krb5kdc/kadm5.acl
  dict_file = /usr/share/dict/words
  admin_keytab = /var/kerberos/krb5kdc/kadm5.keytab
  supported_enctypes = aes256-cts:normal aes128-cts:normal des3-hmac-sha1:normal arcfour-hmac:normal des-hmac-sha1:normal des-cbc-md5:normal des-cbc-crc:normal
  max_renewable_life = 7d
}

[ec2-user@ip-10-0-0-105 ~]$
```

```
[ec2-user@ip-10-0-0-105 ~]$ sudo kdb5_util create
Loading random data
Initializing database '/var/kerberos/krb5kdc/principal' for realm 'HADOOPSECURITY.COM',
master key name 'K/M@HADOOPSECURITY.COM'
You will be prompted for the database Master Password.
It is important that you NOT FORGET this password.
Enter KDC database master key:
Re-enter KDC database master key to verify:
[ec2-user@ip-10-0-0-105 ~]$
```

```
[ec2-user@ip-10-0-0-105 ~]$ sudo kdb5_util create
Loading random data
Initializing database '/var/kerberos/krb5kdc/principal' for realm 'HADOOPSECURITY.COM',
master key name 'K/M@HADOOPSECURITY.COM'
You will be prompted for the database Master Password.
It is important that you NOT FORGET this password.
Enter KDC database master key:
Re-enter KDC database master key to verify:
[ec2-user@ip-10-0-0-105 ~]$ sudo service krb5kdc start
Starting Kerberos 5 KDC: [ OK ]
[ec2-user@ip-10-0-0-105 ~]$ sudo service kadmin start
Starting Kerberos 5 Admin Server: [ OK ]
[ec2-user@ip-10-0-0-105 ~]$ █
```



*notes x cm x clustercmd.sh x cluster x

```
ec2-54-91-5-161.compute-1.amazonaws.com
ec2-34-229-73-90.compute-1.amazonaws.com
ec2-54-175-27-54.compute-1.amazonaws.com
ec2-54-197-9-236.compute-1.amazonaws.com
ec2-54-236-252-203.compute-1.amazonaws.com
ec2-54-197-24-230.compute-1.amazonaws.com
| ec2-54-152-202-93.compute-1.amazonaws.com
```

```
[ec2-user@ip-10-0-0-105 ~]$ sudo kdb5_util create
Loading random data
Initializing database '/var/kerberos/krb5kdc/principal' for realm 'HADOOPSECURITY.COM',
master key name 'K/M@HADOOPSECURITY.COM'
You will be prompted for the database Master Password.
It is important that you NOT FORGET this password.
Enter KDC database master key:
Re-enter KDC database master key to verify:
[ec2-user@ip-10-0-0-105 ~]$ sudo service krb5kdc start
Starting Kerberos 5 KDC: [ OK ]
[ec2-user@ip-10-0-0-105 ~]$ sudo service kadmin start
Starting Kerberos 5 Admin Server: [ OK ]
[ec2-user@ip-10-0-0-105 ~]$ sh ./clustercmd.sh sudo yum install krb5-workstation -y
```

```
[ec2-user@ip-10-0-0-105 ~]$ sudo kdb5_util create
Loading random data
Initializing database '/var/kerberos/krb5kdc/principal' for realm 'HADOOPSECURITY.COM',
master key name 'K/M@HADOOPSECURITY.COM'
You will be prompted for the database Master Password.
It is important that you NOT FORGET this password.
Enter KDC database master key:
Re-enter KDC database master key to verify:
[ec2-user@ip-10-0-0-105 ~]$ sudo service krb5kdc start
Starting Kerberos 5 KDC: [ OK ]
[ec2-user@ip-10-0-0-105 ~]$ sudo service kadmin start
Starting Kerberos 5 Admin Server: [ OK ]
[ec2-user@ip-10-0-0-105 ~]$ sh ./clustercmd.sh sudo yum install krb5-workstation -y
sh: ./clustercmd.sh: No such file or directory
[ec2-user@ip-10-0-0-105 ~]$ exit
logout
There are stopped jobs.
[ec2-user@ip-10-0-0-105 ~]$ exit
logout
Vim: Caught deadly signal HUP
Vim: preserving files...
Connection to ec2-54-197-24-230.compute-1.amazonaws.com closed.
ramij@ramij-HP:~/Downloads/Security$
```

ramij@ramij-HP: ~/Downloads/Security



```
[ec2-user@ip-10-0-0-105 ~]$ sudo kdb5_util create
Loading random data
Initializing database '/var/kerberos/krb5kdc/principal' for realm 'HADOOPSECURITY.COM',
master key name 'K/M@HADOOPSECURITY.COM'
You will be prompted for the database Master Password.
It is important that you NOT FORGET this password.
Enter KDC database master key:
Re-enter KDC database master key to verify:
[ec2-user@ip-10-0-0-105 ~]$ sudo service krb5kdc start
Starting Kerberos 5 KDC: [ OK ]
[ec2-user@ip-10-0-0-105 ~]$ sudo service kadmin start
Starting Kerberos 5 Admin Server: [ OK ]
[ec2-user@ip-10-0-0-105 ~]$ sh ./clustercmd.sh sudo yum install krb5-workstation -y
sh: ./clustercmd.sh: No such file or directory
[ec2-user@ip-10-0-0-105 ~]$ exit
logout
There are stopped jobs.
[ec2-user@ip-10-0-0-105 ~]$ exit
logout
Vim: Caught deadly signal HUP
Vim: preserving files...
Connection to ec2-54-197-24-230.compute-1.amazonaws.com closed.
ramij@ramij-HP:~/Downloads/Security$ sh ./clustercmd.sh sudo yum install krb5-workstation -y
```

ramij@ramij-HP: ~/Downloads/Security

(43%) 11:20 AM

| | | | | |
|----------------------------|--------|---------------|------|-------|
| libkadm5 | x86_64 | 1.10.3-65.el6 | base | 143 k |
| Updating for dependencies: | | | | |
| krb5-libs | x86_64 | 1.10.3-65.el6 | base | 675 k |

Transaction Summary

| | |
|---------|--------------|
| Install | 2 Package(s) |
| Upgrade | 1 Package(s) |

Total download size: 1.6 M

Downloading Packages:

| | | |
|--|--------|-------|
| (1/3): krb5-libs-1.10.3-65.el6.x86_64.rpm | 675 kB | 00:00 |
| (2/3): krb5-workstation-1.10.3-65.el6.x86_64.rpm | 814 kB | 00:00 |
| (3/3): libkadm5-1.10.3-65.el6.x86_64.rpm | 143 kB | 00:00 |

Total 7.1 MB/s | 1.6 MB 00:00

Running rpm_check_debug

Running Transaction Test

Transaction Test Succeeded

Running Transaction

| | |
|--|-----|
| Updating : krb5-libs-1.10.3-65.el6.x86_64 | 1/4 |
| Installing : libkadm5-1.10.3-65.el6.x86_64 | 2/4 |
| Installing : krb5-workstation-1.10.3-65.el6.x86_64 | 3/4 |
| Cleanup : krb5-libs-1.10.3-10.el6.x86_64 | 4/4 |
| Verifying : krb5-libs-1.10.3-65.el6.x86_64 | 1/4 |
| Verifying : libkadm5-1.10.3-65.el6.x86_64 | 2/4 |
| Verifying : krb5-workstation-1.10.3-65.el6.x86_64 | 3/4 |
| Verifying : krb5-libs-1.10.3-10.el6.x86_64 | 4/4 |

Installed:

krb5-workstation.x86_64 0:1.10.3-65.el6

Dependency Installed:

libkadm5.x86_64 0:1.10.3-65.el6

Dependency Updated:

krb5-libs.x86_64 0:1.10.3-65.el6

Complete!

Connection to ec2-54-152-202-93.compute-1.amazonaws.com closed.

ramij@ramij-HP:~/Downloads/Security\$

ramij@ramij-HP: ~/Downloads/Security

V En (48%) 11:25 AM

```
ramij@ramij-HP:~/Downloads/Security$ scp -i ./security.pem ec2-user@`cat cm`:/etc/krb5.conf ./
krb5.conf                                                 100%  576   0.6KB/s  00:01
ramij@ramij-HP:~/Downloads/Security$ sh putnmove.sh ./krb5.conf /etc/
krb5.conf                                                 100%  576   0.6KB/s  00:00
Connection to ec2-54-91-5-161.compute-1.amazonaws.com closed.
krb5.conf                                                 100%  576   0.6KB/s  00:00
Connection to ec2-34-229-73-90.compute-1.amazonaws.com closed.
krb5.conf                                                 100%  576   0.6KB/s  00:00
Connection to ec2-54-175-27-54.compute-1.amazonaws.com closed.
krb5.conf                                                 100%  576   0.6KB/s  00:00
Connection to ec2-54-197-9-236.compute-1.amazonaws.com closed.
krb5.conf                                                 100%  576   0.6KB/s  00:00
Connection to ec2-54-236-252-203.compute-1.amazonaws.com closed.
krb5.conf                                                 100%  576   0.6KB/s  00:00
Connection to ec2-54-197-24-230.compute-1.amazonaws.com closed.
krb5.conf                                                 100%  576   0.6KB/s  00:00
Connection to ec2-54-152-202-93.compute-1.amazonaws.com closed.
ramij@ramij-HP:~/Downloads/Security$
```

ramij@ramij-HP: ~/Downloads/Security

(54%) 11:29 AM

```
ramij@ramij-HP:~/Downloads/Security$ sh putnmove.sh UnlimitedJCEPolicy/local_policy.jar /usr/java/jdk1.7.0_67-cloudera/jre/lib/security  
local_policy.jar 100% 2500 2.4KB/s 00:00  
Connection to ec2-54-91-5-161.compute-1.amazonaws.com closed.  
local_policy.jar 100% 2500 2.4KB/s 00:00  
Connection to ec2-34-229-73-90.compute-1.amazonaws.com closed.  
local_policy.jar 100% 2500 2.4KB/s 00:00  
Connection to ec2-54-175-27-54.compute-1.amazonaws.com closed.  
local_policy.jar 100% 2500 2.4KB/s 00:00  
Connection to ec2-54-197-9-236.compute-1.amazonaws.com closed.  
local_policy.jar 100% 2500 2.4KB/s 00:00  
Connection to ec2-54-236-252-203.compute-1.amazonaws.com closed.  
local_policy.jar 100% 2500 2.4KB/s 00:00  
Connection to ec2-54-197-24-230.compute-1.amazonaws.com closed.  
local_policy.jar 100% 2500 2.4KB/s 00:00  
Connection to ec2-54-152-202-93.compute-1.amazonaws.com closed.  
ramij@ramij-HP:~/Downloads/Security$
```

```
ramij@ramij-HP:~/Downloads/Security$ ssh -i security.pem ec2-user@`cat cm`  
Last login: Tue Aug  8 05:59:16 2017 from 49.35.11.157  
[ec2-user@ip-10-0-0-105 ~]$ sudo kadmin.local  
Authenticating as principal root/admin@HADOOPSECURITY.COM with password.  
kadmin.local: addprinc cm/admin  
WARNING: no policy specified for cm/admin@HADOOPSECURITY.COM; defaulting to no policy  
Enter password for principal "cm/admin@HADOOPSECURITY.COM":  
Re-enter password for principal "cm/admin@HADOOPSECURITY.COM":  
Principal "cm/admin@HADOOPSECURITY.COM" created.  
kadmin.local: exit
```

```
ec2-user@ip-10-0-0-105:~ ramij@ramij-HP:~/Downloads/Security$ ssh -i security.pem ec2-user@`cat host`  
Last login: Tue Aug  8 06:01:05 2017 from 49.35.11.157  
[ec2-user@ip-10-0-0-105 ~]$ kinit cm/admin  
Password for cm/admin@HADOOPSECURITY.COM:  
[ec2-user@ip-10-0-0-105 ~]$ klist  
Ticket cache: FILE:/tmp/krb5cc_222  
Default principal: cm/admin@HADOOPSECURITY.COM  
  
Valid starting     Expires            Service principal  
08/08/17 06:05:18  08/09/17 06:05:18  krbtgt/HADOOPSECURITY.COM@HADOOPSECURITY.COM  
      renew until 08/15/17 06:05:18  
[ec2-user@ip-10-0-0-105 ~]$ klist -l  
Principal name          Cache name  
-----  
cm/admin@HADOOPSECURITY.COM  FILE:/tmp/krb5cc_222  
[ec2-user@ip-10-0-0-105 ~]$
```



Home Status All Health Issues Configuration ▾ All Recent Commands

Core_Cluster (CDH 5.4.4, Parcels)

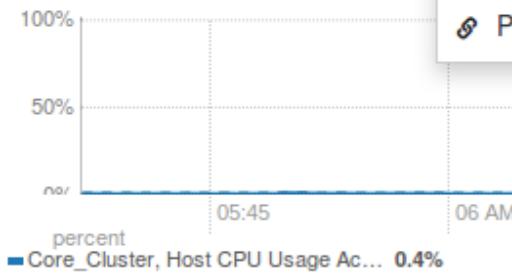
| |
|----------------|
| Hosts |
| HDFS-1 |
| HIVE-1 |
| Hue |
| Oozie |
| SPARK_ON_YA... |
| YARN-1 |
| ZOOKEEPER-1 |

Cloudera Management Service

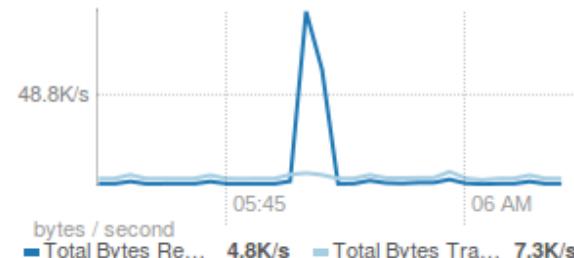
| |
|------|
| MGMT |
|------|

Charts

Cluster CPU



Cluster Network IO



✖ Settings

✖ Alerts

👤 Users

☛ Kerberos

👤 License

🌐 Language

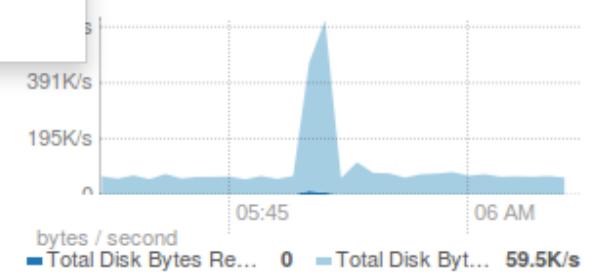
🔗 Peers

30 minutes preceding August 8, 2017, 6:07 AM UTC

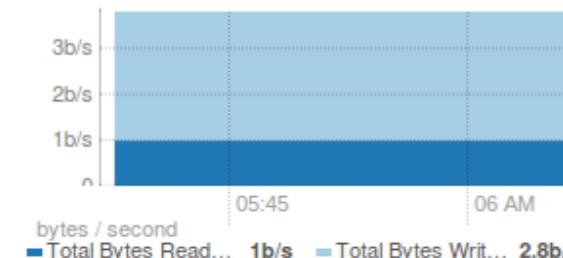
Add Cluster

30m 1h 2h 6h 12h 1d 7d 30d

Disk IO



HDFS IO



Kerberos

[Status](#) [Credentials](#)

Status

[Security Inspector](#)

To enable Kerberos for these clusters, click the **Enable Kerberos** button below.

| Cluster | Status |
|--------------|---|
| Core_Cluster | Kerberos is disabled. Enable Kerberos |

Welcome

This wizard walks you through the steps to configure Cloudera Manager and CDH to use Kerberos for authentication. All services in the cluster, as well as the Cloudera Management Service, are restarted as part of the wizard. Before proceeding with the wizard, read the [documentation](#) about enabling Kerberos.

Before using the wizard, please ensure that you have performed the following steps:

Set up a working KDC. Cloudera Manager supports MIT KDC and Active Directory.

Yes, I've set up a working KDC.

The KDC should be configured to have non-zero ticket lifetime and renewal lifetime. CDH will not work properly if tickets are not renewable.

Yes, I've checked that the KDC allows renewable tickets.

OpenLdap client libraries should be installed on the Cloudera Manager Server host if you want to use Active Directory. Also, Kerberos client libraries should be installed on ALL hosts.

Yes, I've installed the client libraries.

Cloudera Manager needs an account that has permissions to create other accounts in the KDC.

Yes, I've created a proper account for Cloudera Manager.

KDC Information

Specify information about the KDC. The properties below are used by Cloudera Manager to generate principals for CDH daemons running on the cluster.

KDC Type

 MIT KDC Active Directory

KDC Server Host

kdc

ip-10-0-0-105.ec2.internal

C



Kerberos Security Realm

default_realm

HADOOPSECURITY.COM

C



Kerberos Encryption Types

aes256-cts-hmac-sha1-96

+ - C



aes128-cts-hmac-sha1-96

+ -

arcfour-hmac-md5

+ -

Maximum Renewable Life for Principals

5

day(s)



```
ramij@ramij-HP:~/Downloads/Security$ ssh -i security.pem ec2-user@`cat host`
Last login: Tue Aug  8 06:01:05 2017 from 49.35.11.157
[ec2-user@ip-10-0-0-105 ~]$ kinit cm/admin
Password for cm/admin@HADOOPSECURITY.COM:
[ec2-user@ip-10-0-0-105 ~]$ klist
Ticket cache: FILE:/tmp/krb5cc_222
Default principal: cm/admin@HADOOPSECURITY.COM

Valid starting      Expires              Service principal
08/08/17 06:05:18  08/09/17 06:05:18  krbtgt/HADOOPSECURITY.COM@HADOOPSECURITY.COM
      renew until 08/15/17 06:05:18
[ec2-user@ip-10-0-0-105 ~]$ klist -l
Principal name          Cache name
-----
cm/admin@HADOOPSECURITY.COM    FILE:/tmp/krb5cc_222
[ec2-user@ip-10-0-0-105 ~]$ cat /etc/krb5.conf
[libdefaults]
  default_realm = HADOOPSECURITY.COM
  dns_lookup_realm = false
  dns_lookup_kdc = false
  ticket_lifetime = 24h
  renew_lifetime = 7d
  forwardable = true

default_tgs_enctypes = aes256-cts-hmac-sha1-96 aes128-cts-hmac-sha1-96 arcfour-hmac-md5
default_tkt_enctypes = aes256-cts-hmac-sha1-96 aes128-cts-hmac-sha1-96 arcfour-hmac-md5
permitted_enctypes = aes256-cts-hmac-sha1-96 aes128-cts-hmac-sha1-96 arcfour-hmac-md5

[realms]
HADOOPSECURITY.COM = {
  kdc = ip-10-0-0-105.ec2.internal
  admin_server = ip-10-0-0-105.ec2.internal
  max_renewable_life = 7d
}

[ec2-user@ip-10-0-0-105 ~]$ ^C
[ec2-user@ip-10-0-0-105 ~]$ cc
```

Enable Kerberos for Core_Cluster

KRB5 Configuration

Specify the properties needed for generating krb5.conf for the cluster. You can use the safety valve fields to specify configuration of an advanced KDC setup; for example, with cross-realm authentication.

Manage krb5.conf through Cloudera Manager



 Back

1 2 3 4 5 6 7 8 9

 Continue

Enable Kerberos for Core_Cluster

KDC Account Manager Credentials

Enter the credentials for the account that has permissions to **create** other users. Cloudera Manager will store it in encrypted form and use it whenever new principals need to be generated.

Username @

Password

 Back

1 2 3 **4** 5 6 7 8 9

 Continue

Enable Kerberos for Core_Cluster

Progress

| Command | Context | Status | Started at | Ended at |
|--|---------|----------|----------------------------|----------------------------|
|  Import KDC Account Manager Credentials | | Finished | Aug 8, 2017 6:43:34 AM UTC | Aug 8, 2017 6:43:39 AM UTC |

Successfully imported KDC Account Manager credentials.

[« Back](#)

1 2 3 4 5 6 7 8 9

[» Continue](#)

Specify the kerberos principal used by each service in the cluster. Additional steps maybe required if you decide to change these principals from their default values. Please read the [documentation](#) about custom principals before making changes on this page.

Kerberos Principal

HDFS-1 (Service-Wide)



HIVE-1 (Service-Wide)

Hue (Service-Wide)

Oozie (Service-Wide)

SPARK_ON_YARN-1 (Service-Wide)

YARN-1 (Service-Wide)

ZOOKEEPER-1 (Service-Wide)

« Back

Enable Kerberos for Core_Cluster

Configure Ports

Configure the privileged ports required by DataNodes in a secure HDFS service.

DataNode Transceiver
Port

1004

Port for DataNode's XCeiver Protocol. Combined with the DataNode's hostname to build its address.

DataNode HTTP Web UI
Port

1006

Port for the DataNode HTTP web UI. Combined with the DataNode's hostname to build its HTTP address.

The cluster needs to be restarted for the changes to take effect.

Yes, I am ready to restart the cluster now.

 Back

1 2 3 4 5 6 7 8 9

 Continue

Command Progress

Completed 7 of 7 steps.

- ✓ Stop cluster
All services successfully stopped.
[Details ↗](#)

- ✓ Stop Cloudera Management Services
Command completed with 7/7 successful subcommands
[Details ↗](#)

- ✓ Configure all services to use Kerberos
Completed 7 steps successfully.

- ✓ Wait for credentials to be generated
Command (350) has completed successfully

- ✓ Deploy client configuration
Successfully deployed all client configurations.
[Details ↗](#)

- ✓ Start Cloudera Management Services
Service started successfully.
[Details ↗](#)

- ✓ Start cluster
All services successfully started.
[Details ↗](#)

Enable Kerberos for Core_Cluster

Congratulations!

You have enabled Kerberos for all your cluster(s).

| Cluster | Status |
|--------------|--------------------------------|
| Core_Cluster | Successfully enabled Kerberos. |

Done!

 Back

1 2 3 4 5 6 7 8 9

 Finish

Home Status All Health Issues Configuration 1 ▾ All Recent Commands**All Configuration Issues**

▼ Other

[Cloudera recommends at least Level 1 TLS when Kerberos is enabled for CDH clusters.](#)



Create your Hue account

Since this is your first time logging in, pick any username and password. Be sure to remember these, as **they will become your Hue superuser credentials.**

| | |
|--|-------|
| | admin |
|--|-------|

| | |
|--|-------|
| | ***** |
|--|-------|

Create account

About Hue

Quick Start

Configuration

Server Logs

Quick Start Wizard - Hue™ 3.7.0 - The Hadoop UI

Step 1: Check Configuration

Step 2: Examples

Step 3: Users

Step 4: Go!

Checking current configuration

Configuration files located in /var/run/cloudera-scm-agent/process/119-hue-HUE_SERVER

All OK. Configuration check passed.

[Back](#)[Next](#)

Find a report...



Audit Events

Save As Report

Audit Events

Filters ▾

Aug 8 2017 11:58 AM - Aug 8 2017 12:58 PM ▾

Recent Denied Accesses

Export ▾

1 - 50 < >

Create New Report +

| Timestamp | Username | IP Address | Service Name | Operation |
|---------------------|---|----------------|------------------|---------------|
| Aug 8 2017 12:57 PM | admin ▾ | 49.35.11.157 ▾ | Navigator ▾ | metadata ▾ |
| Aug 8 2017 12:57 PM | admin | 49.35.11.157 | Navigator | savedSearch |
| Aug 8 2017 12:57 PM | oozie/ip-10-0-0-4.ec2.internal@HADOOPSECURITY.COM | 10.0.0.4 | CD-HDFS-kOhLRxym | listStatus |
| Aug 8 2017 12:56 PM | oozie/ip-10-0-0-4.ec2.internal@HADOOPSECURITY.COM | 10.0.0.4 | CD-HDFS-kOhLRxym | listStatus |
| Aug 8 2017 12:55 PM | oozie/ip-10-0-0-4.ec2.internal@HADOOPSECURITY.COM | 10.0.0.4 | CD-HDFS-kOhLRxym | listStatus |
| Aug 8 2017 12:54 PM | oozie/ip-10-0-0-4.ec2.internal@HADOOPSECURITY.COM | 10.0.0.4 | CD-HDFS-kOhLRxym | listStatus |
| Aug 8 2017 12:53 PM | oozie/ip-10-0-0-4.ec2.internal@HADOOPSECURITY.COM | 10.0.0.4 | CD-HDFS-kOhLRxym | listStatus |
| Aug 8 2017 12:52 PM | admin | 10.0.0.4 | CD-HDFS-kOhLRxym | getfileinfo |
| Aug 8 2017 12:52 PM | admin | 10.0.0.4 | CD-HDFS-kOhLRxym | getfileinfo |
| Aug 8 2017 12:52 PM | hdfs | 10.0.0.4 | CD-HDFS-kOhLRxym | mkdirs |
| Aug 8 2017 12:52 PM | hue | 10.0.0.4 | CD-HDFS-kOhLRxym | getfileinfo |
| Aug 8 2017 12:52 PM | hdfs | 10.0.0.4 | CD-HDFS-kOhLRxym | setOwner |
| Aug 8 2017 12:52 PM | hdfs | 10.0.0.4 | CD-HDFS-kOhLRxym | setPermission |