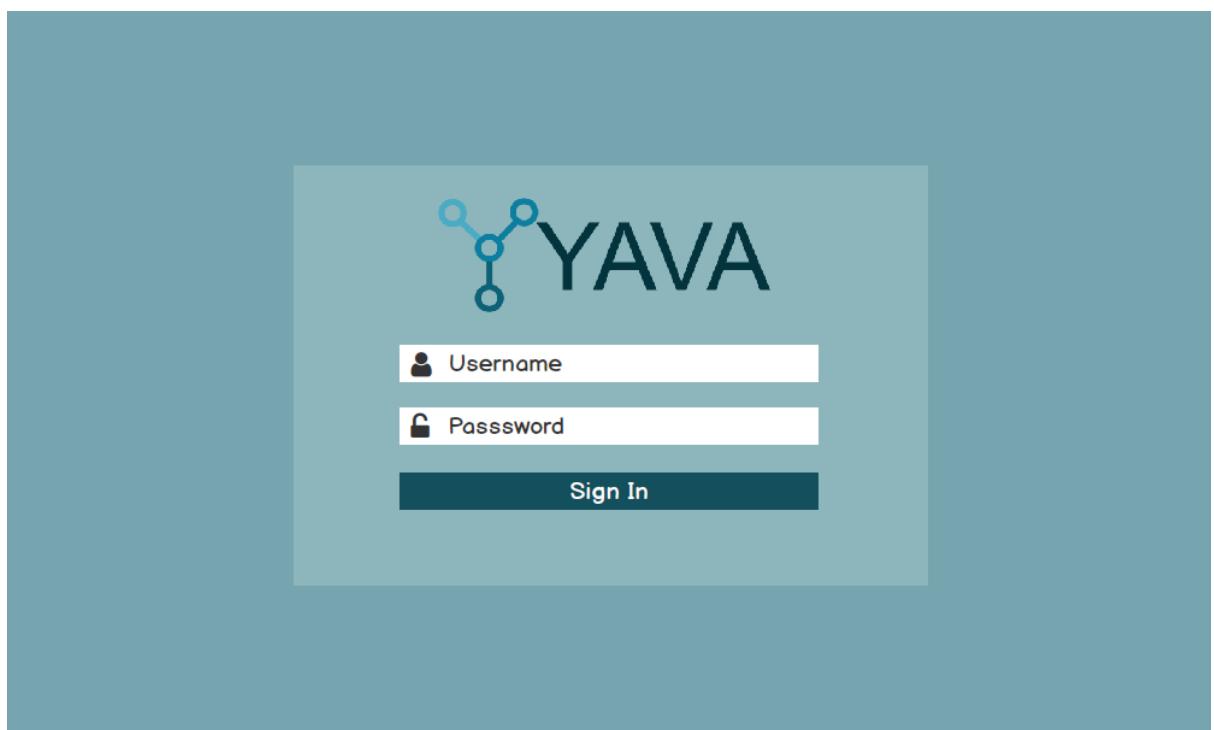
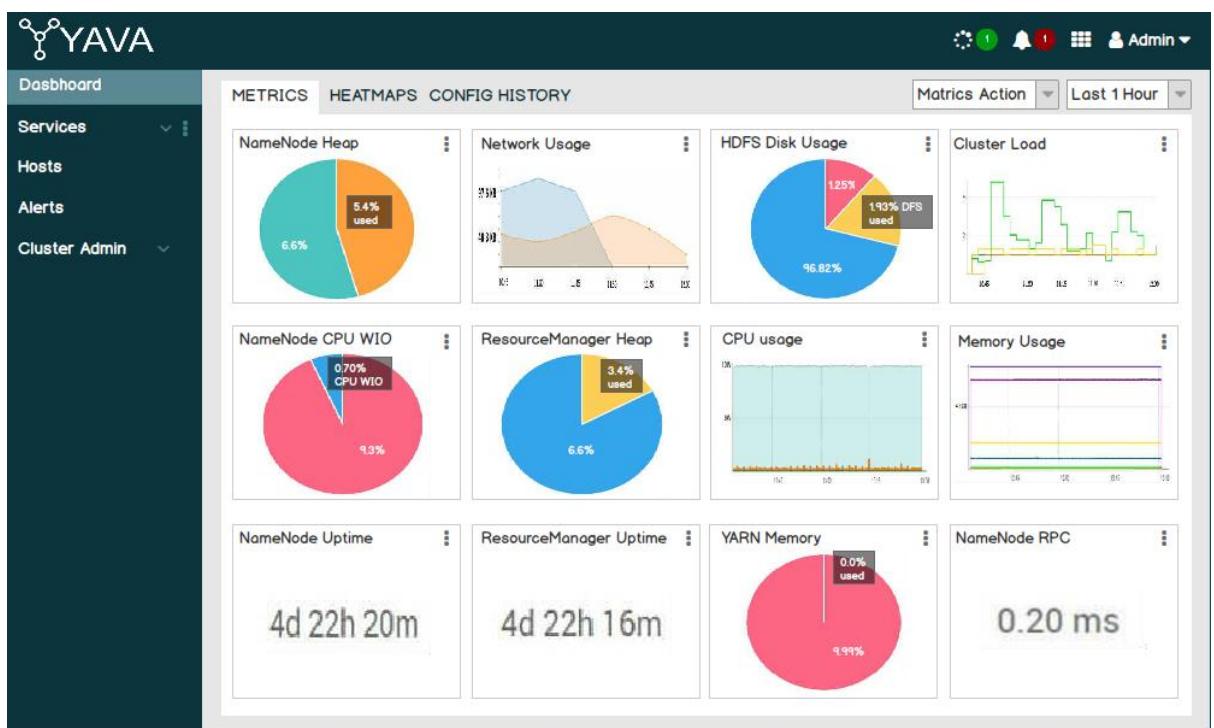


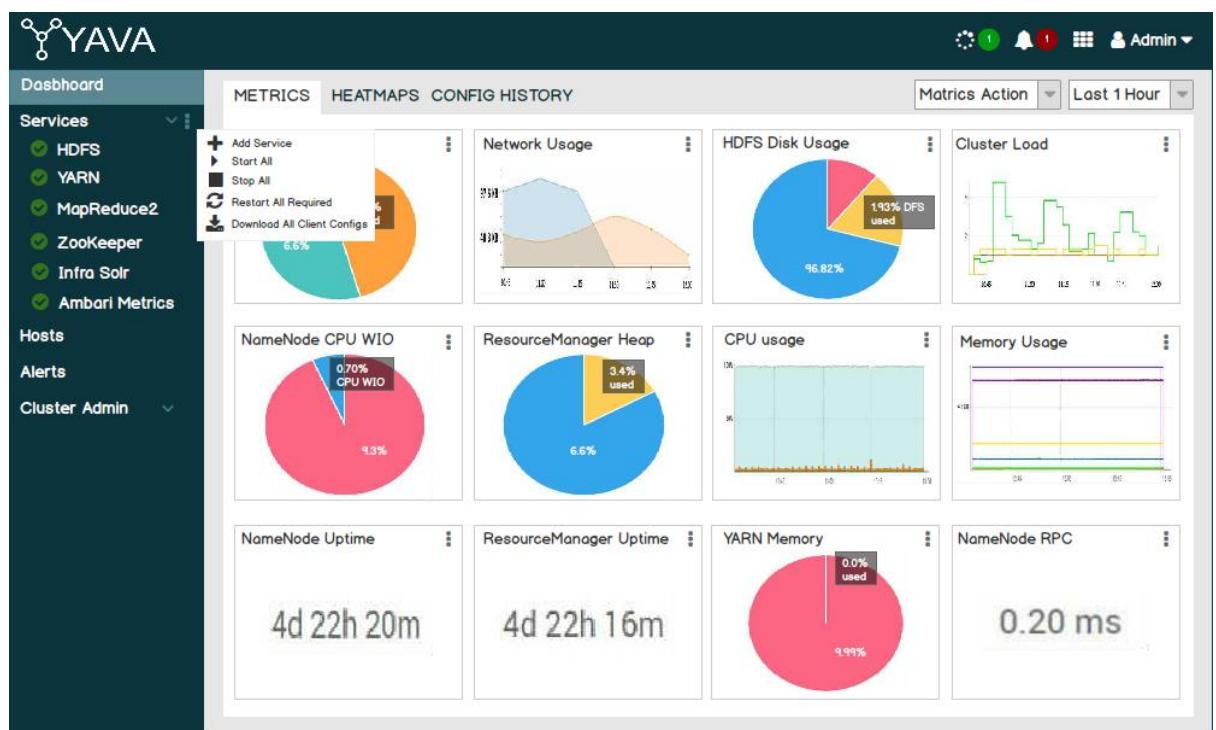
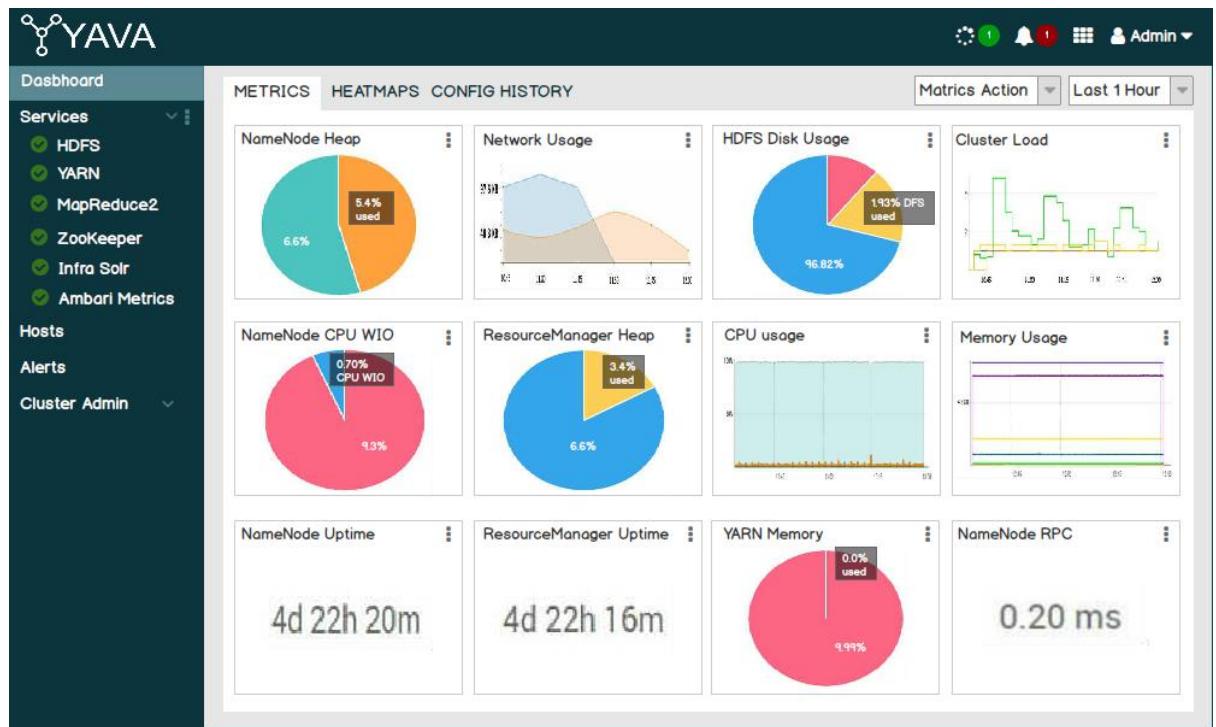
## 1. Halaman Login

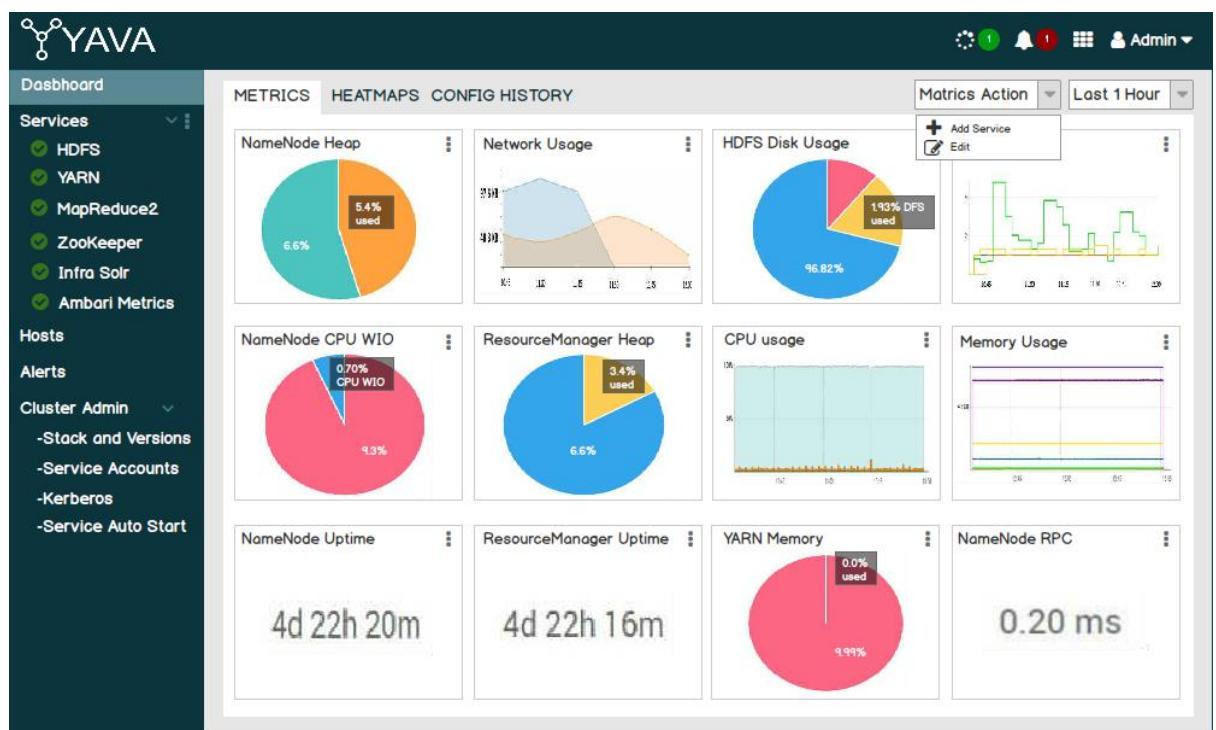
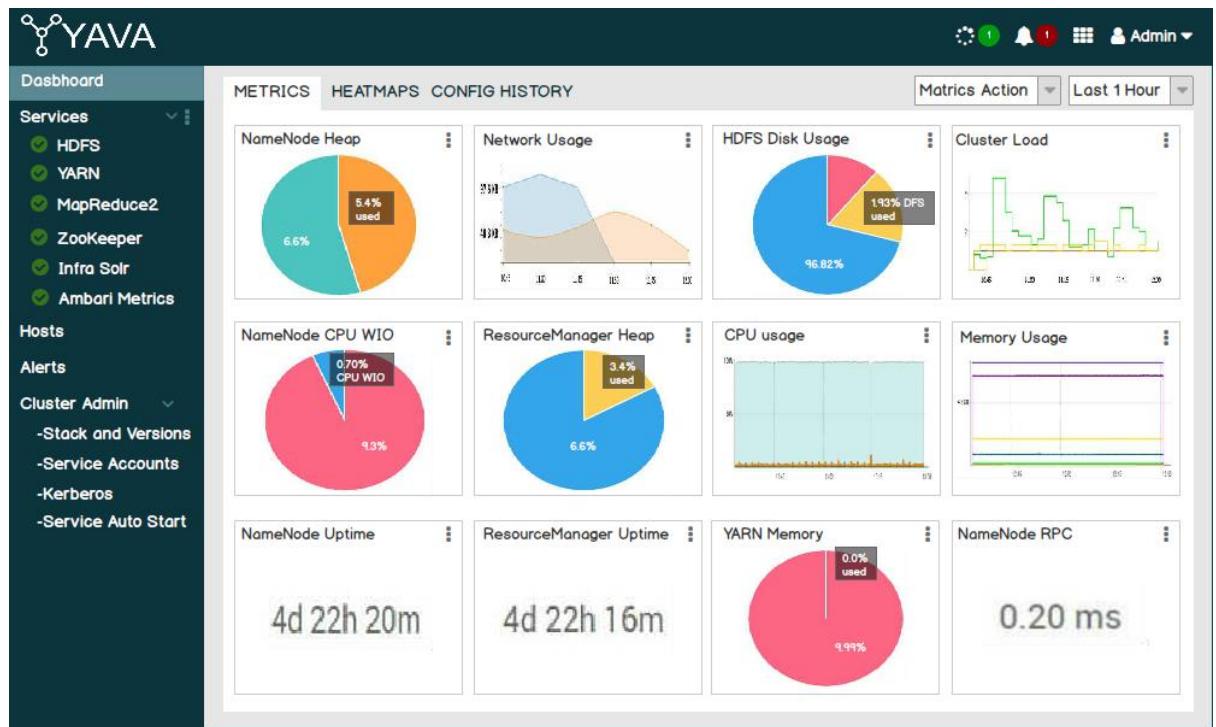


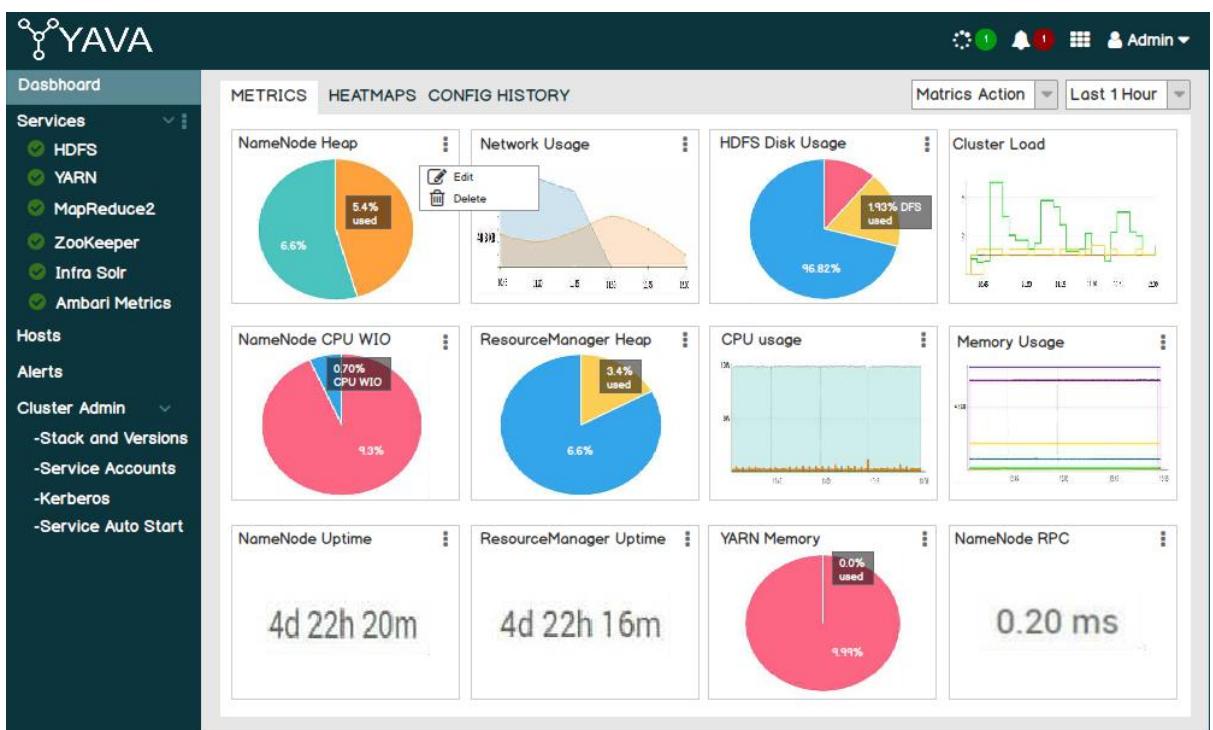
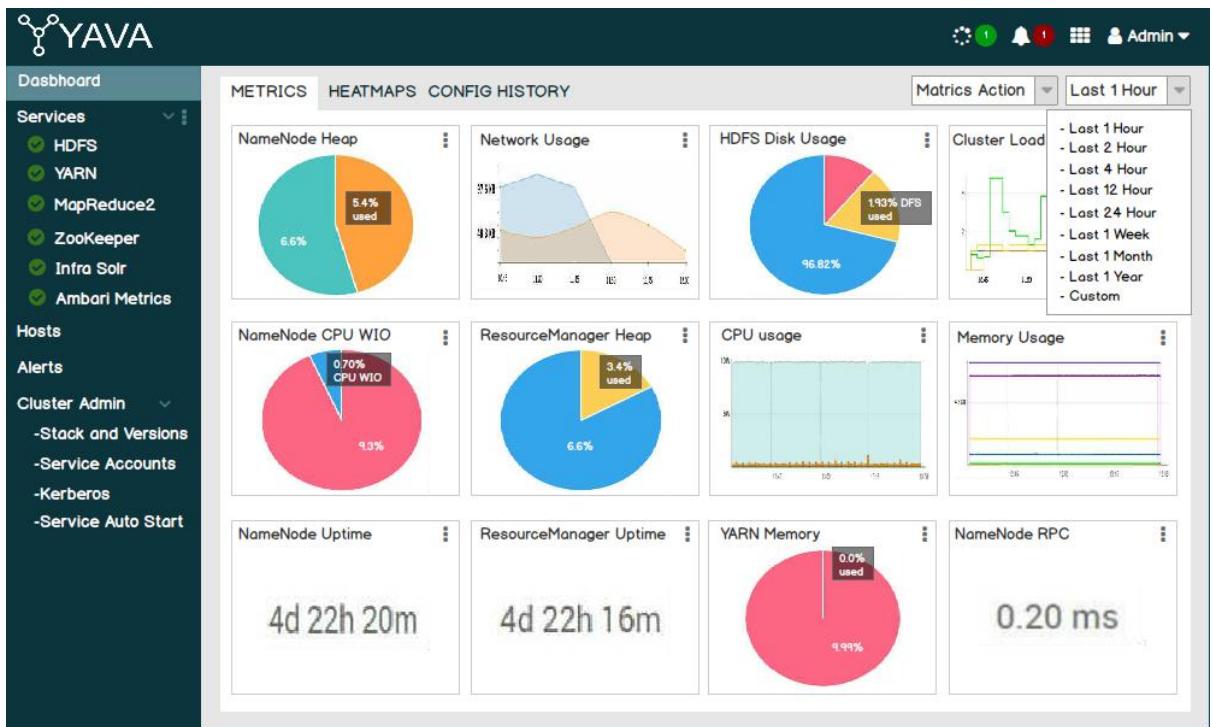
## 2. Halaman Dashboard

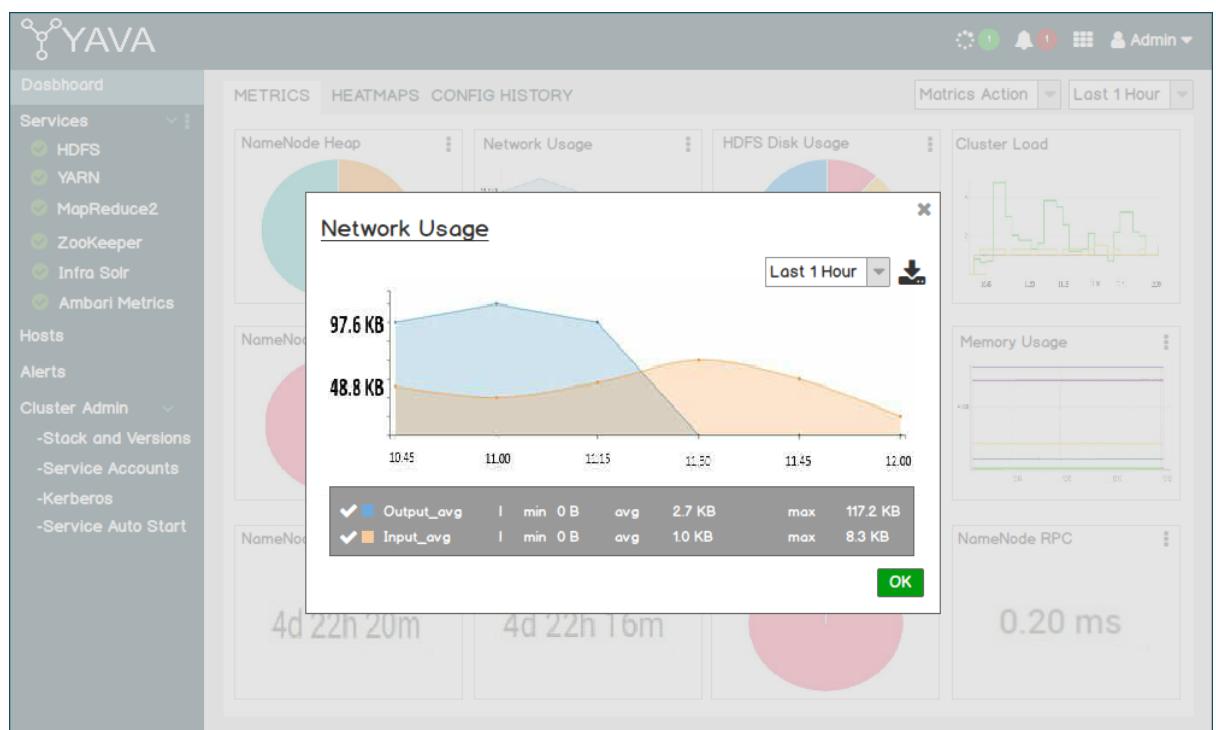
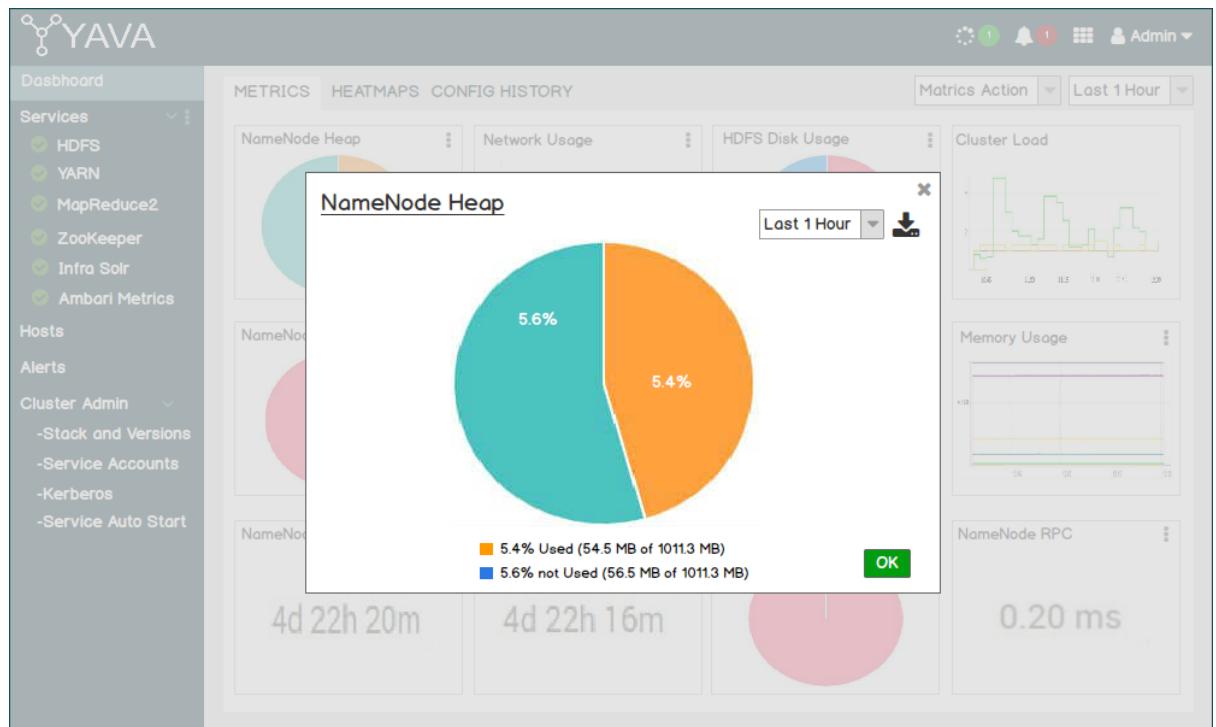
### - Menu tab Metrics

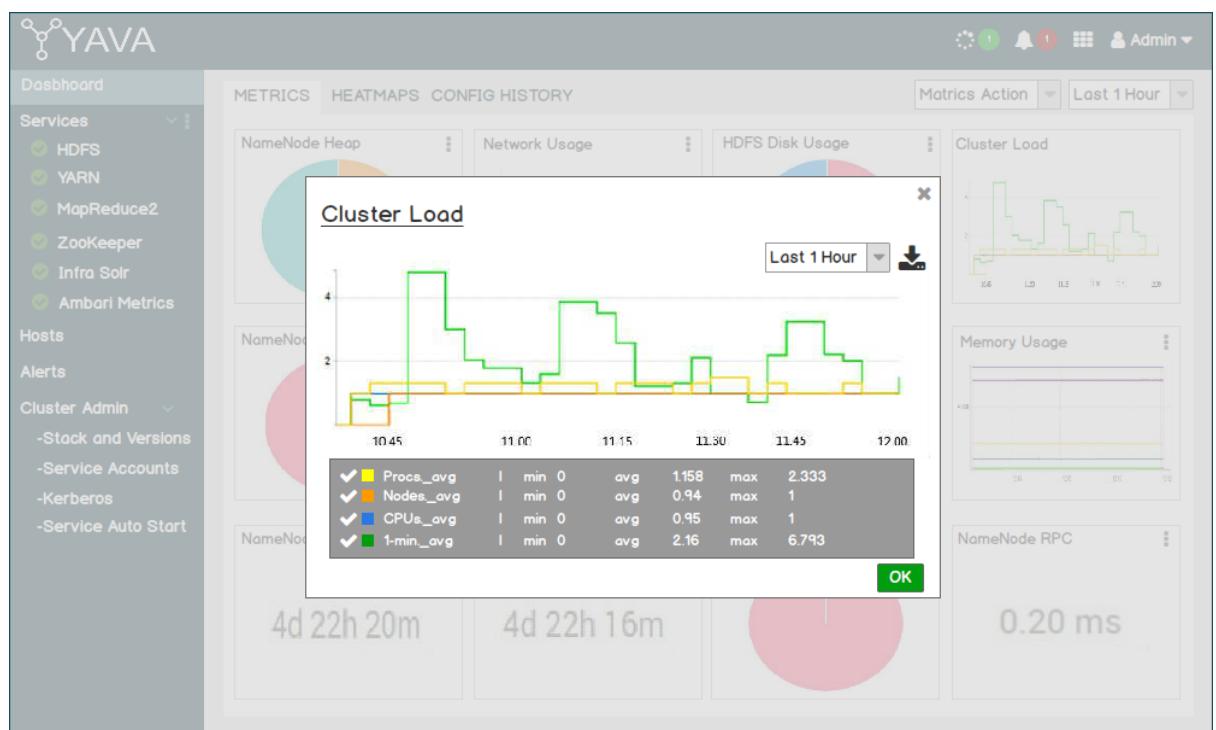
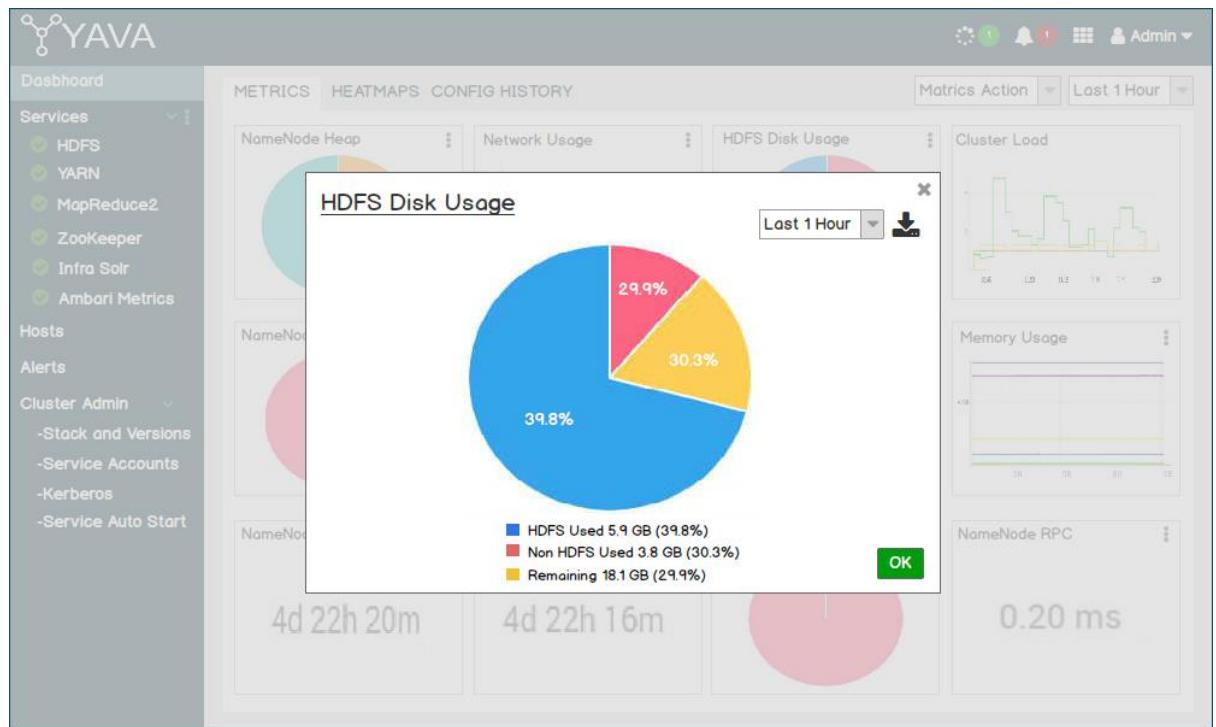


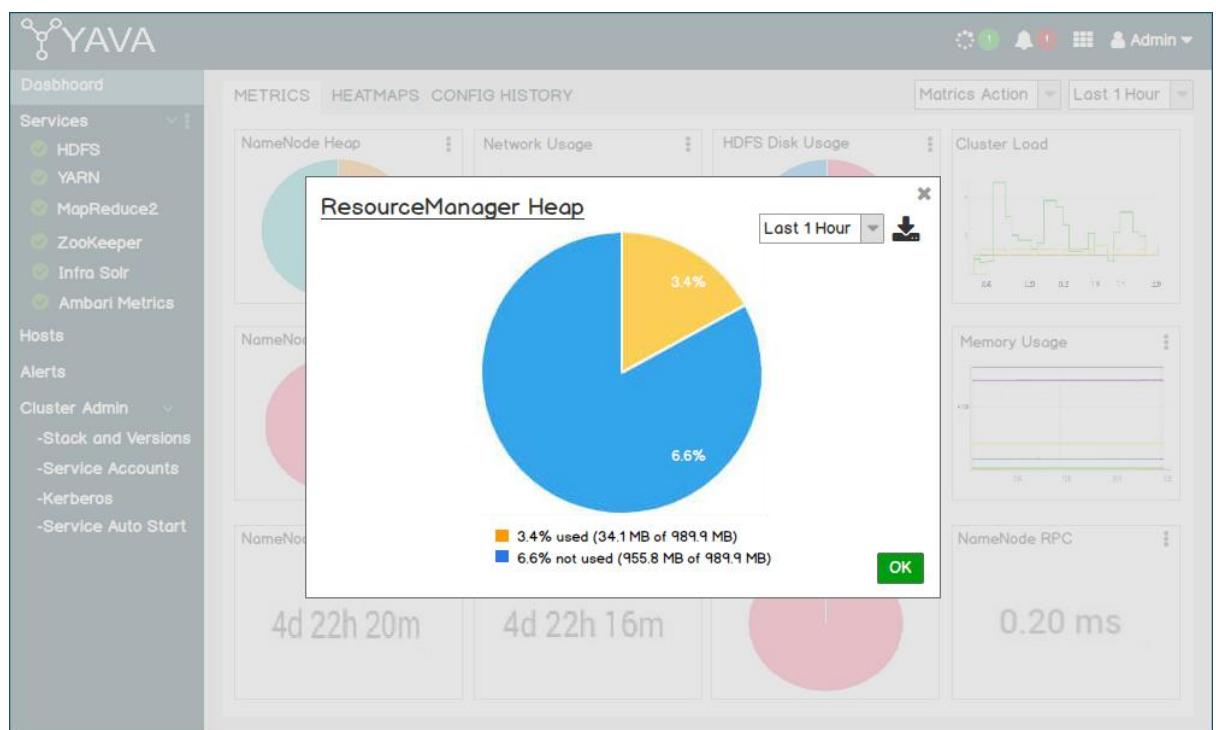
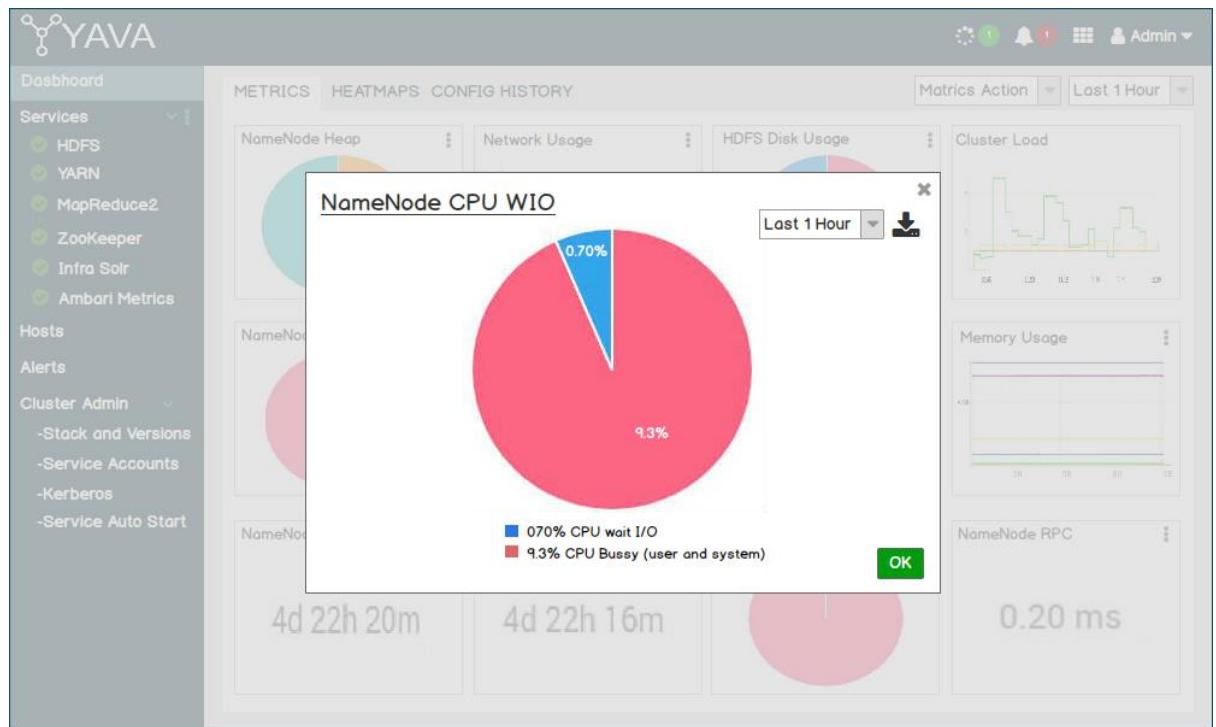


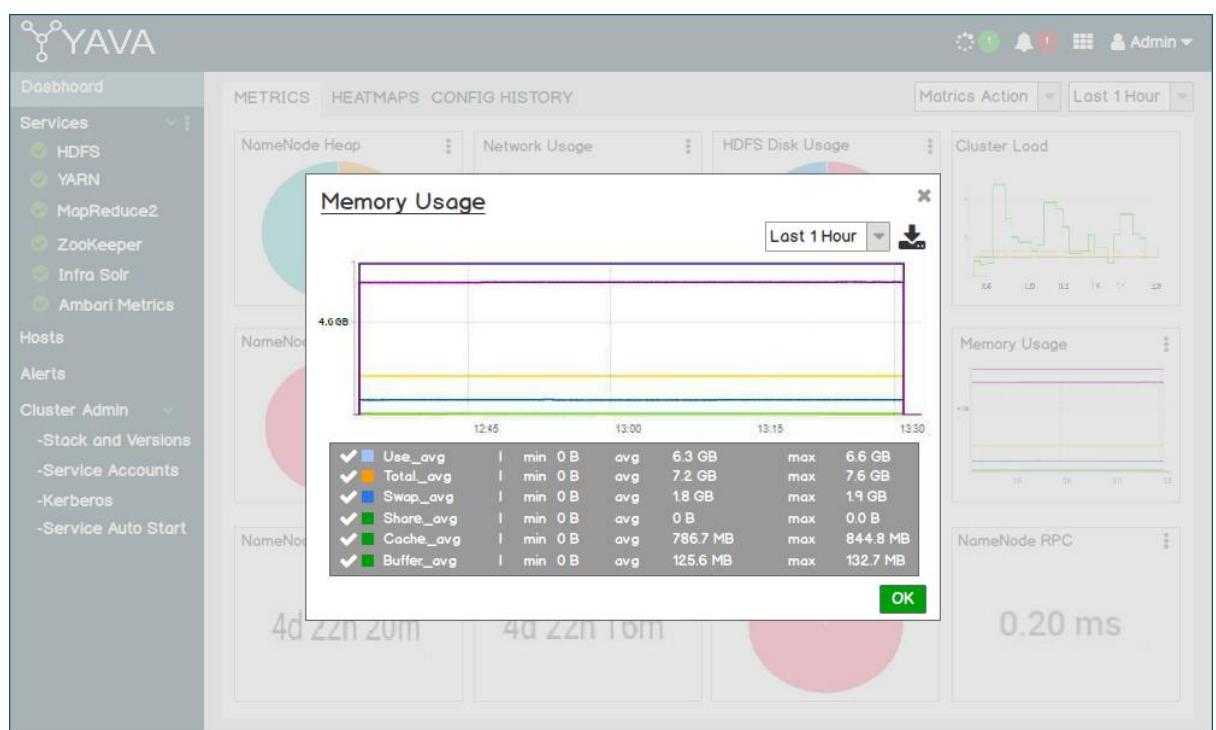
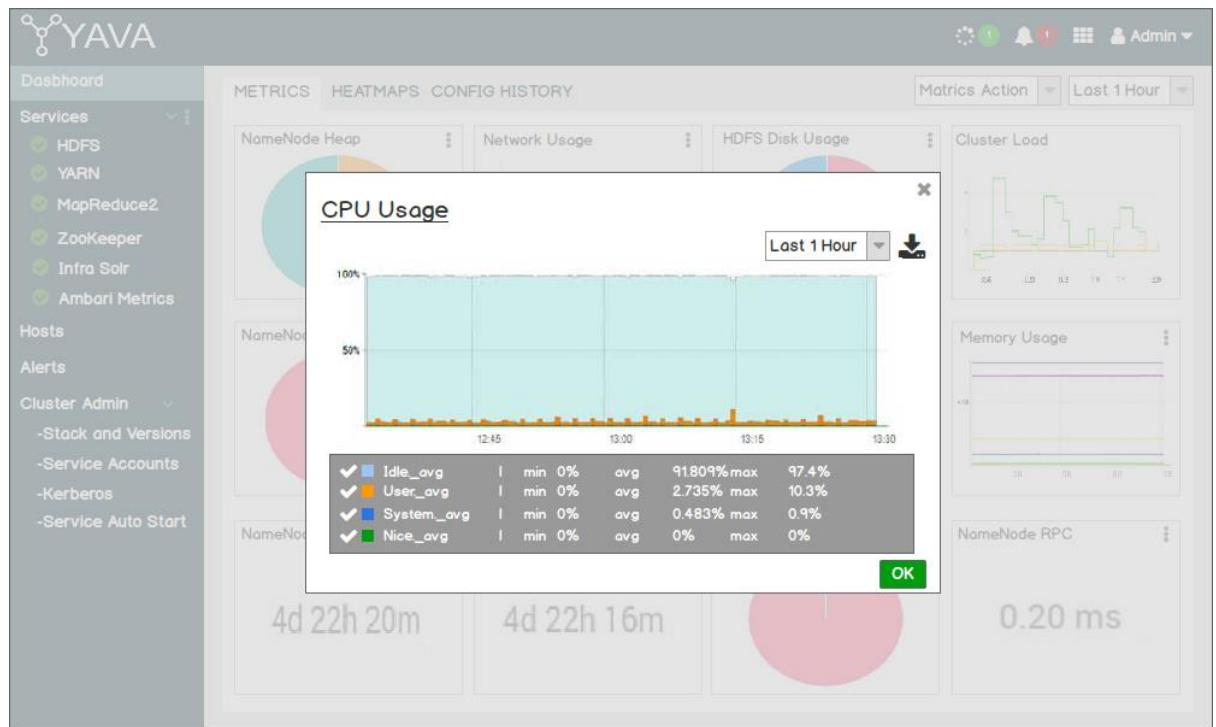


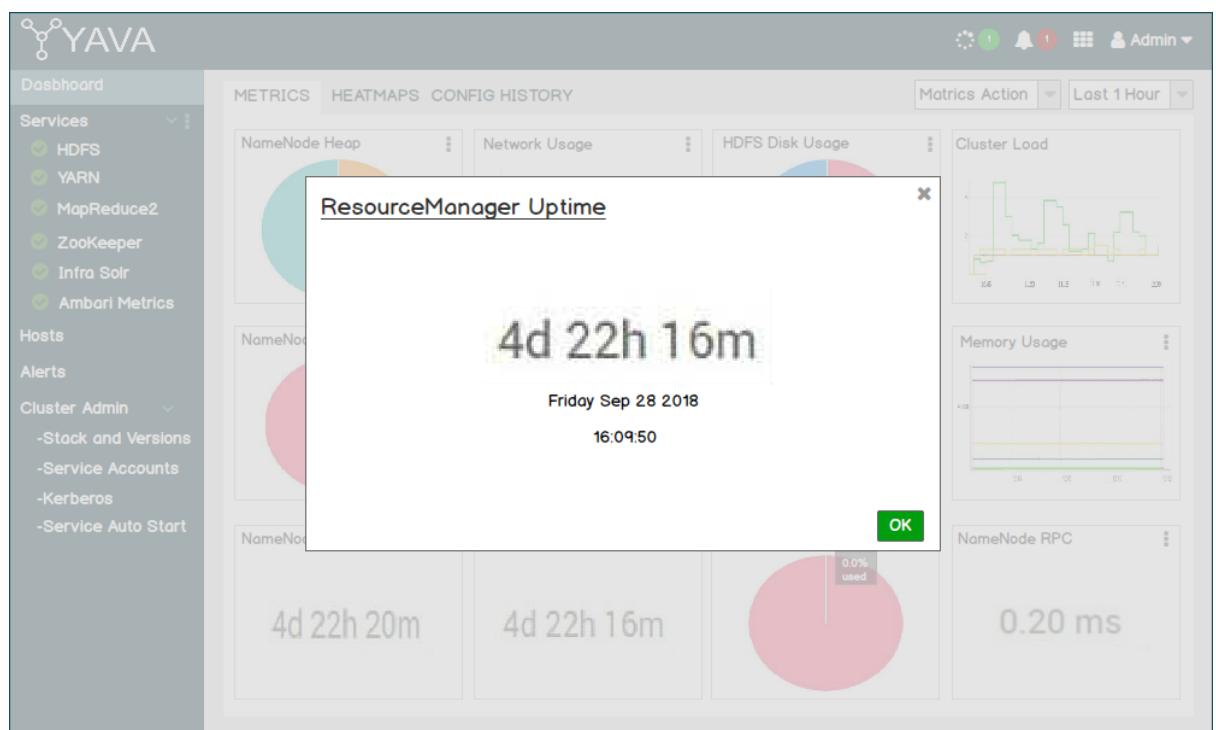
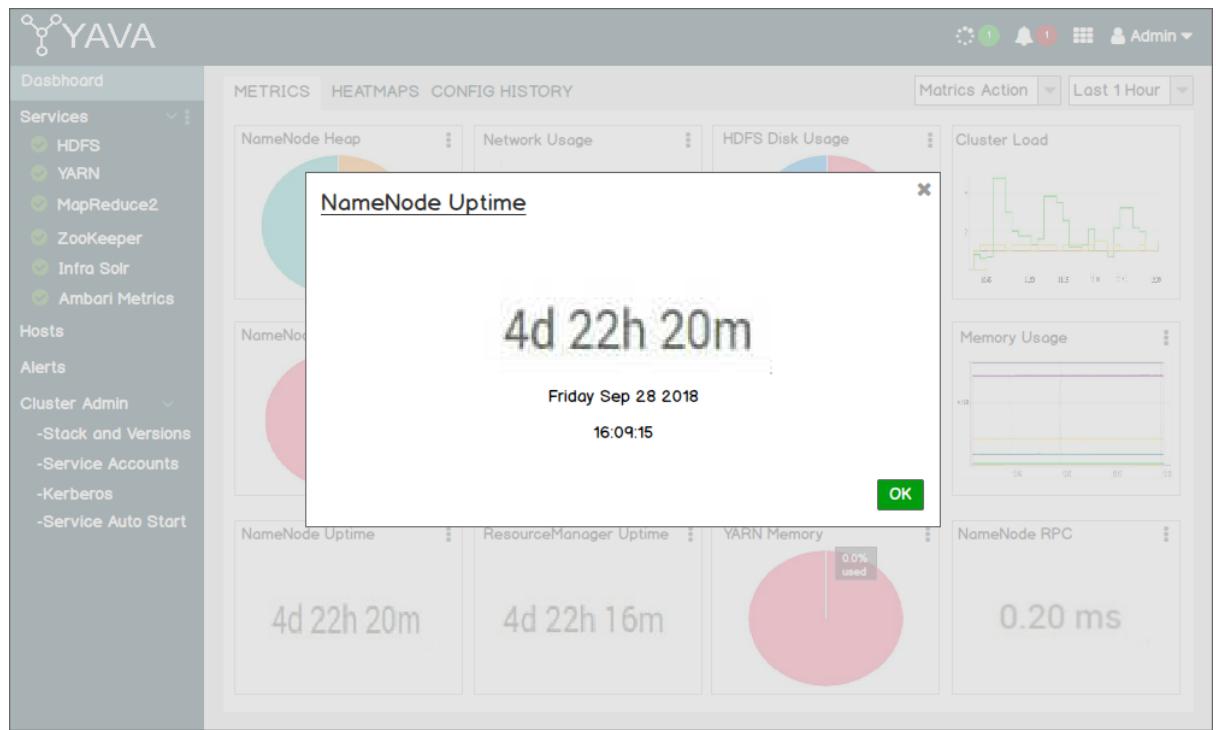


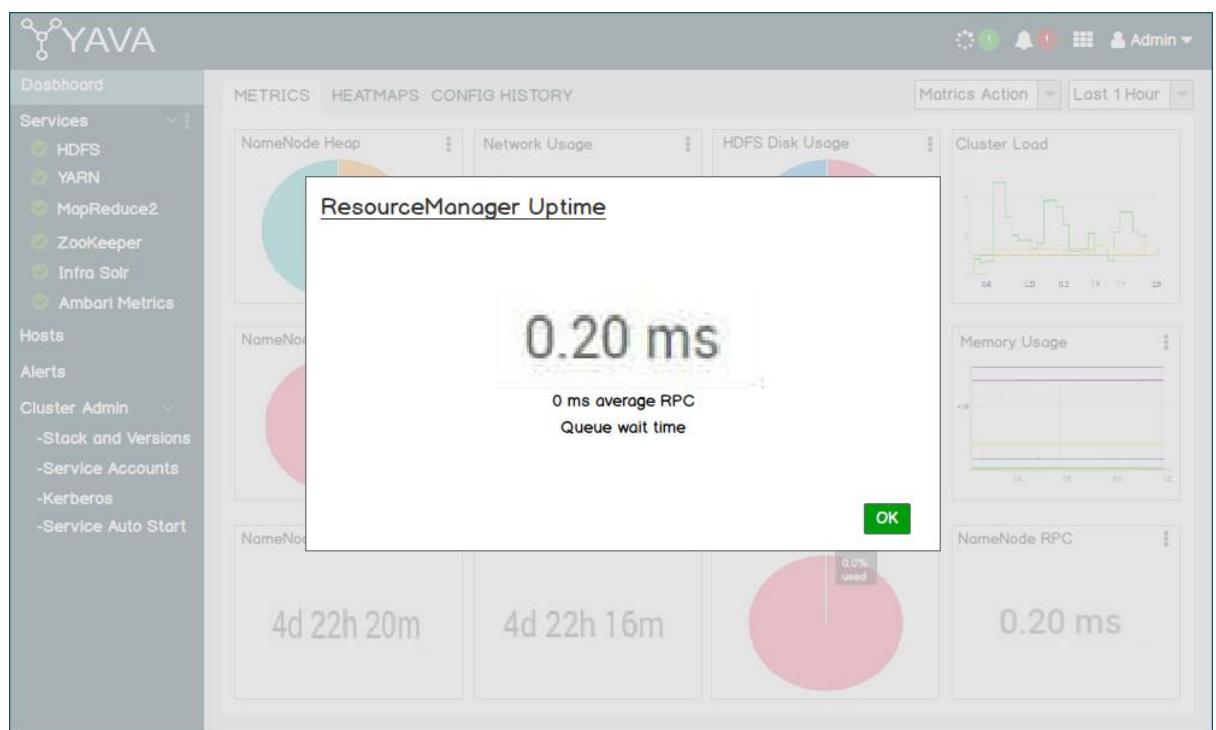
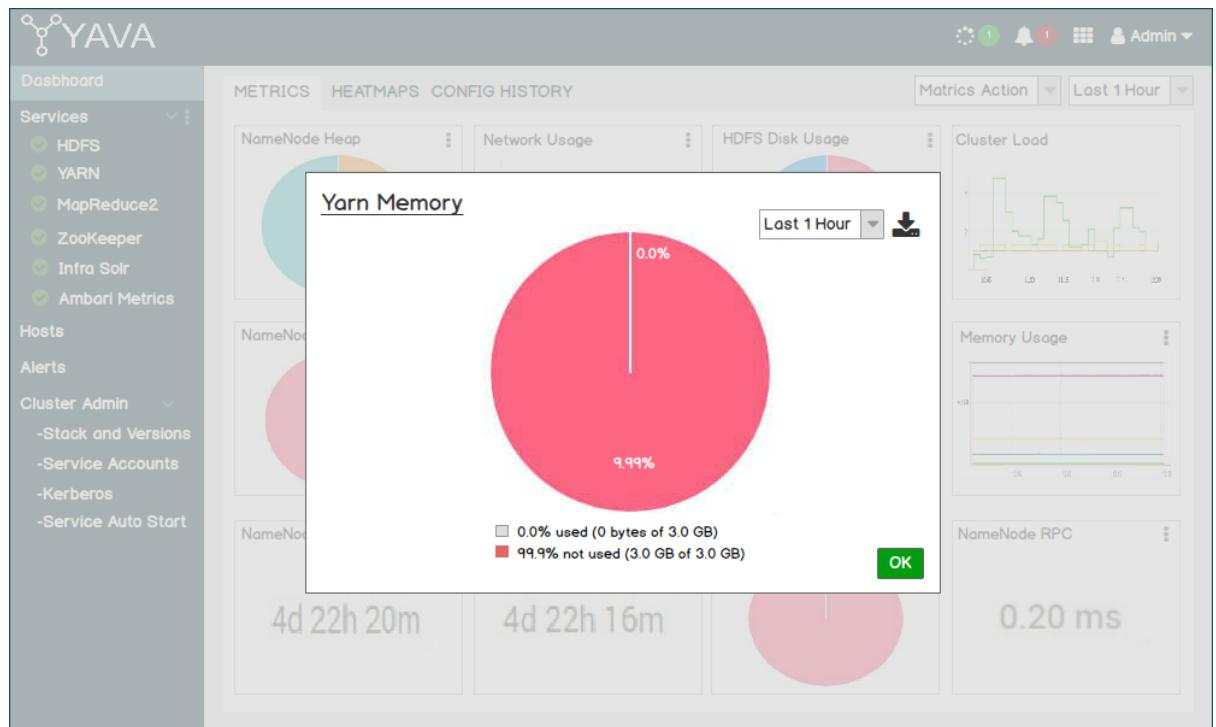


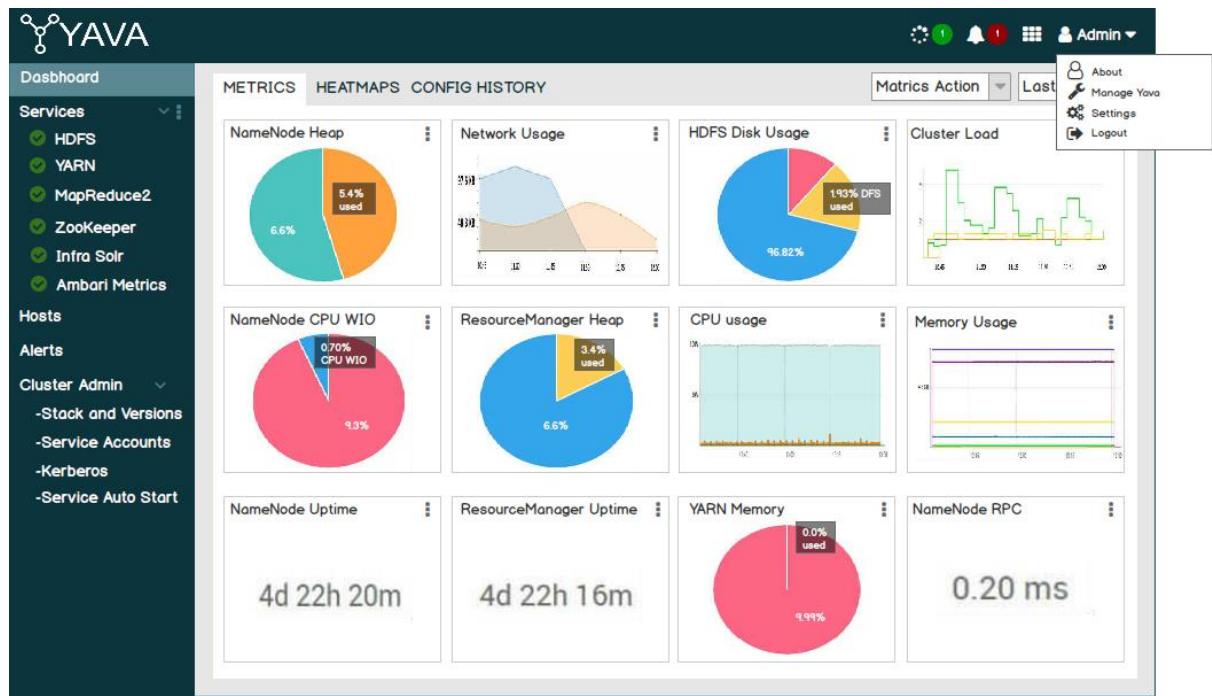




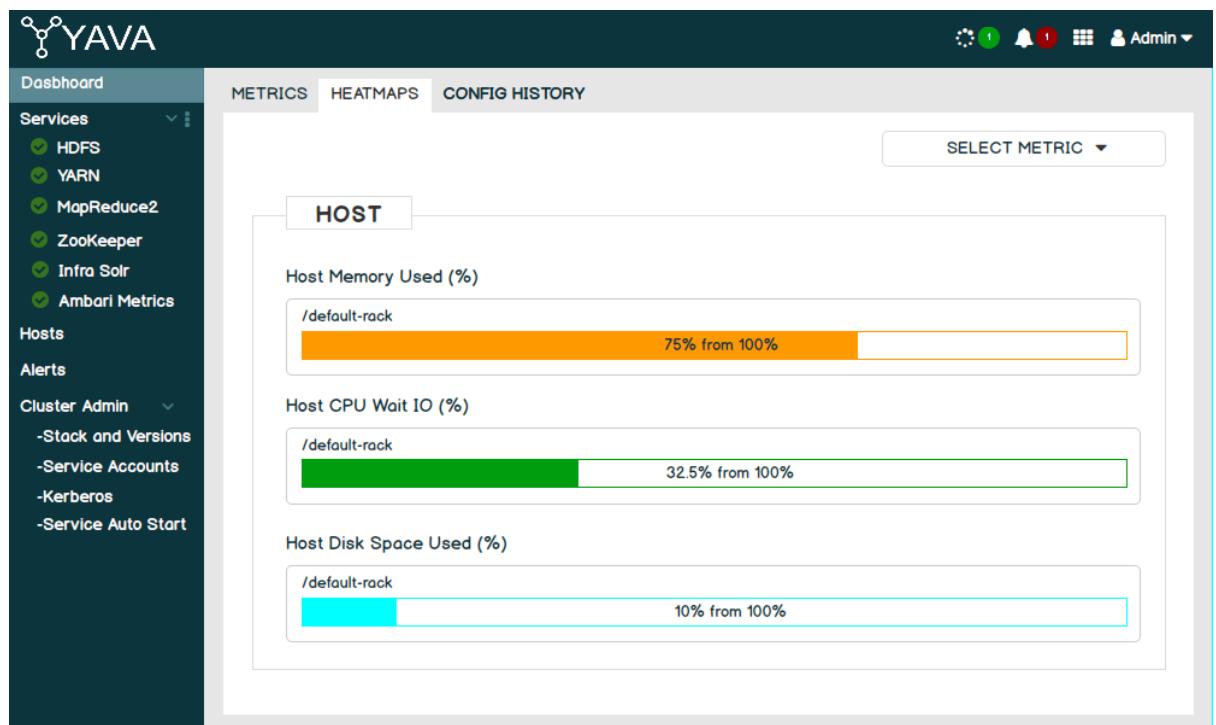


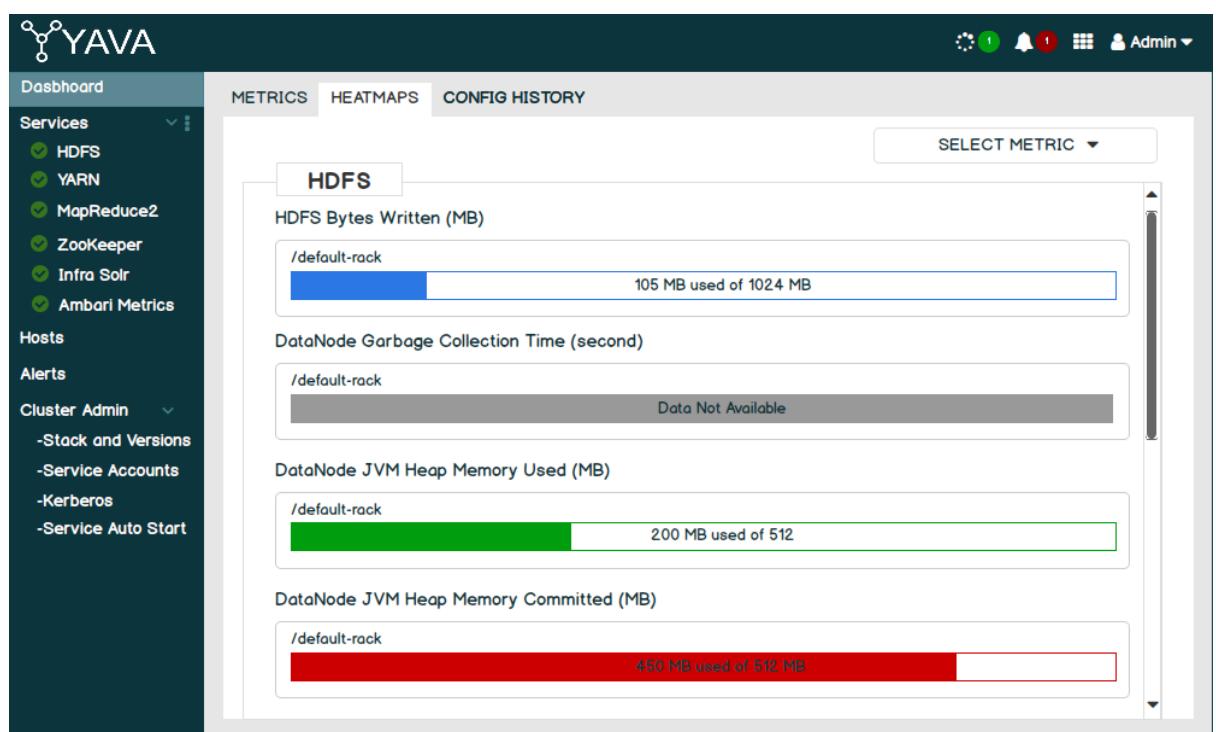
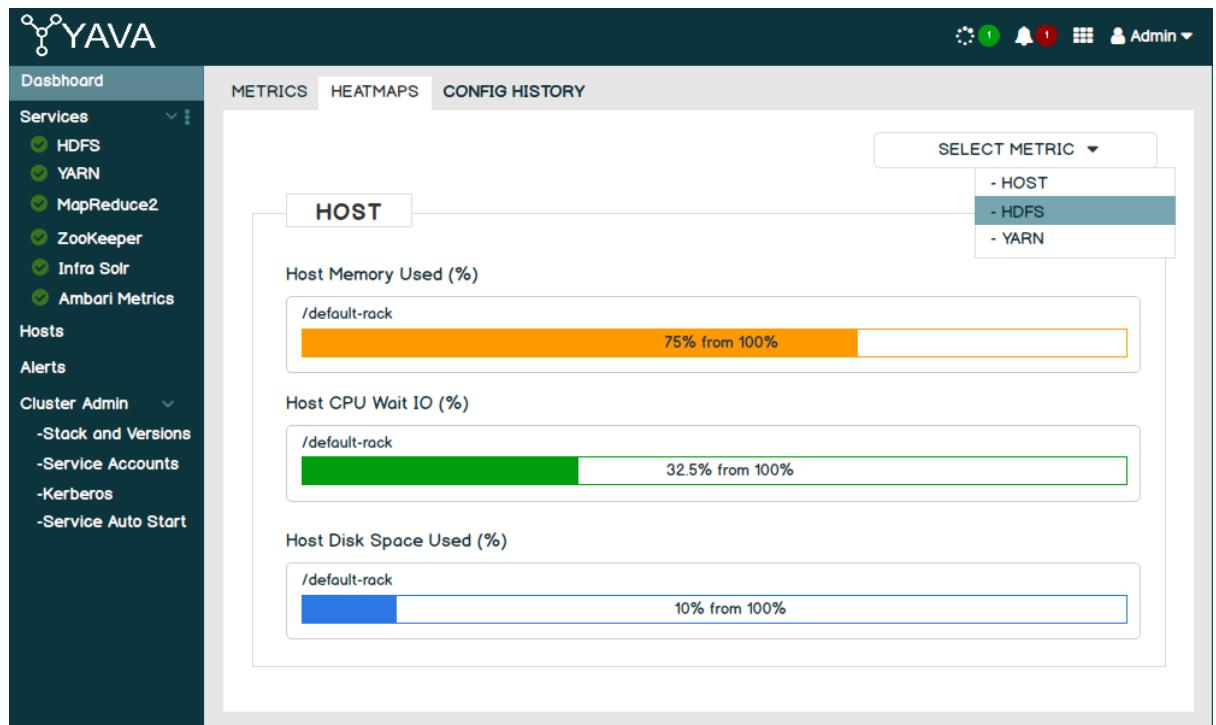


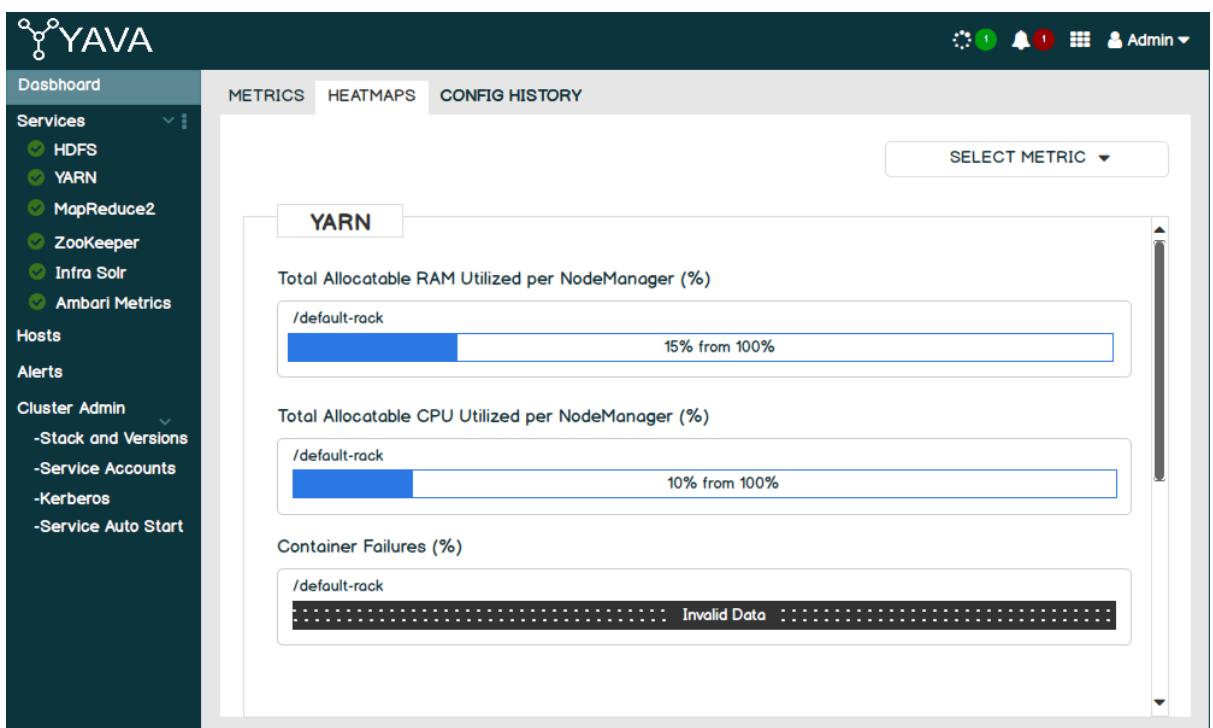
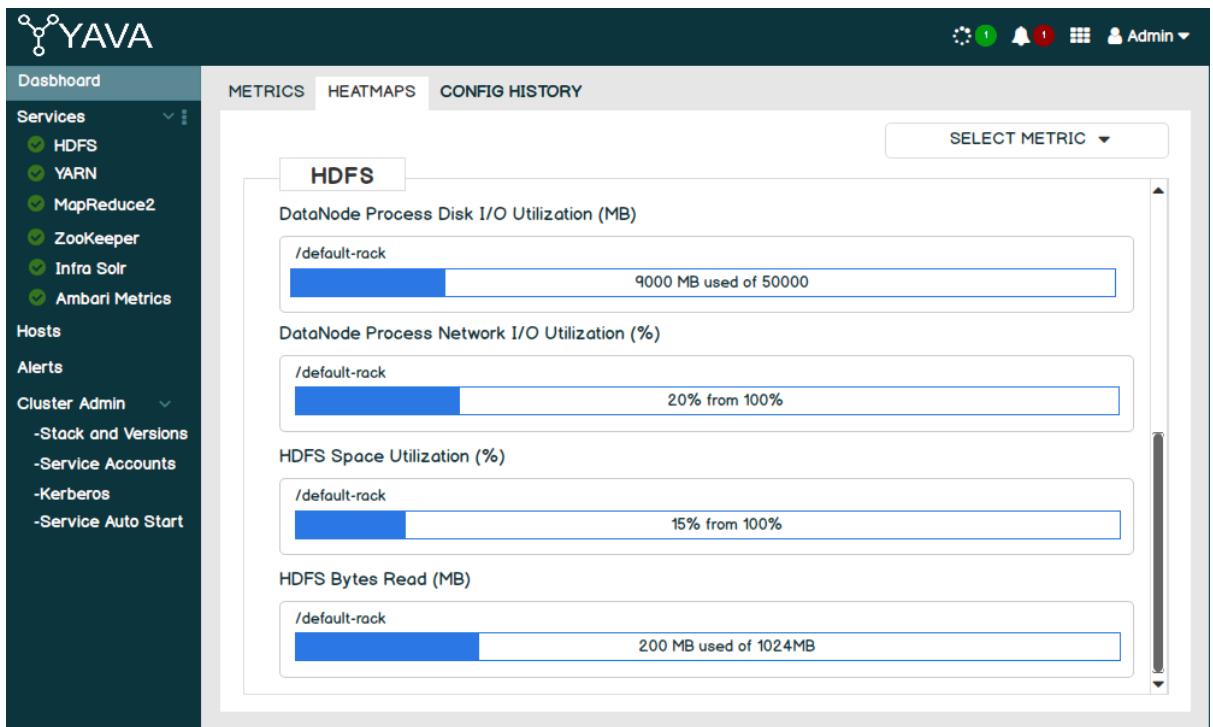


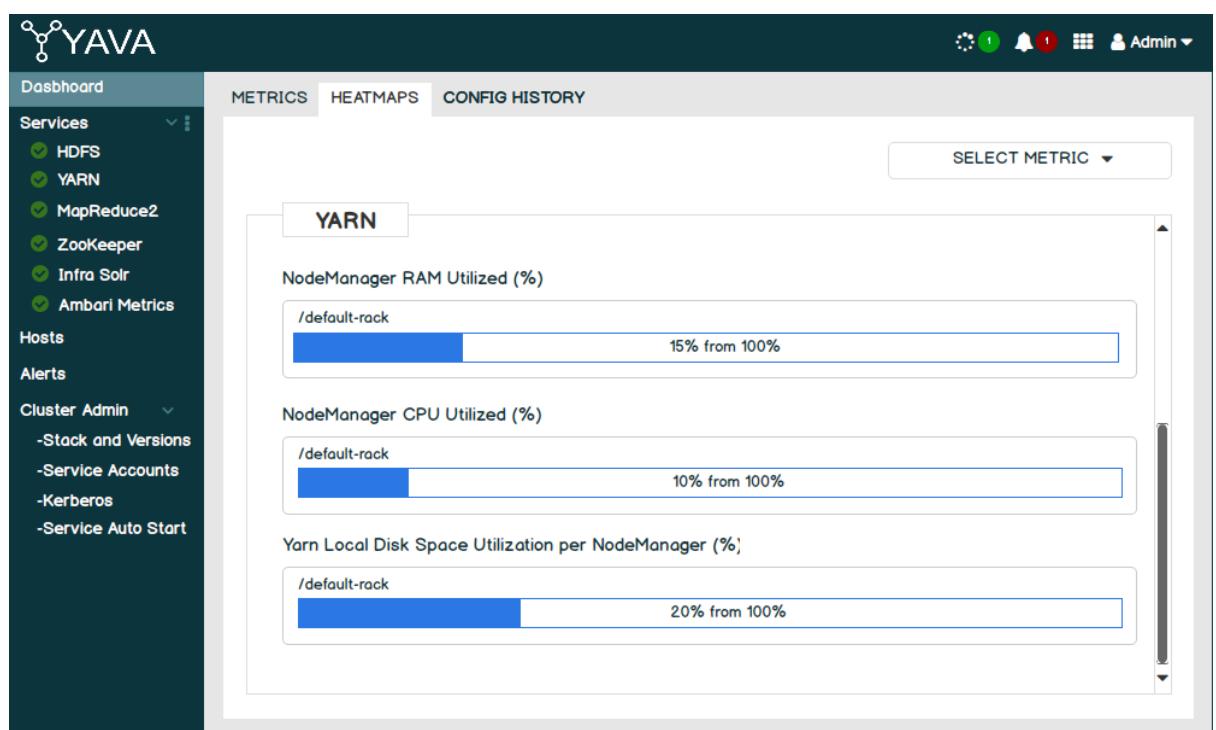
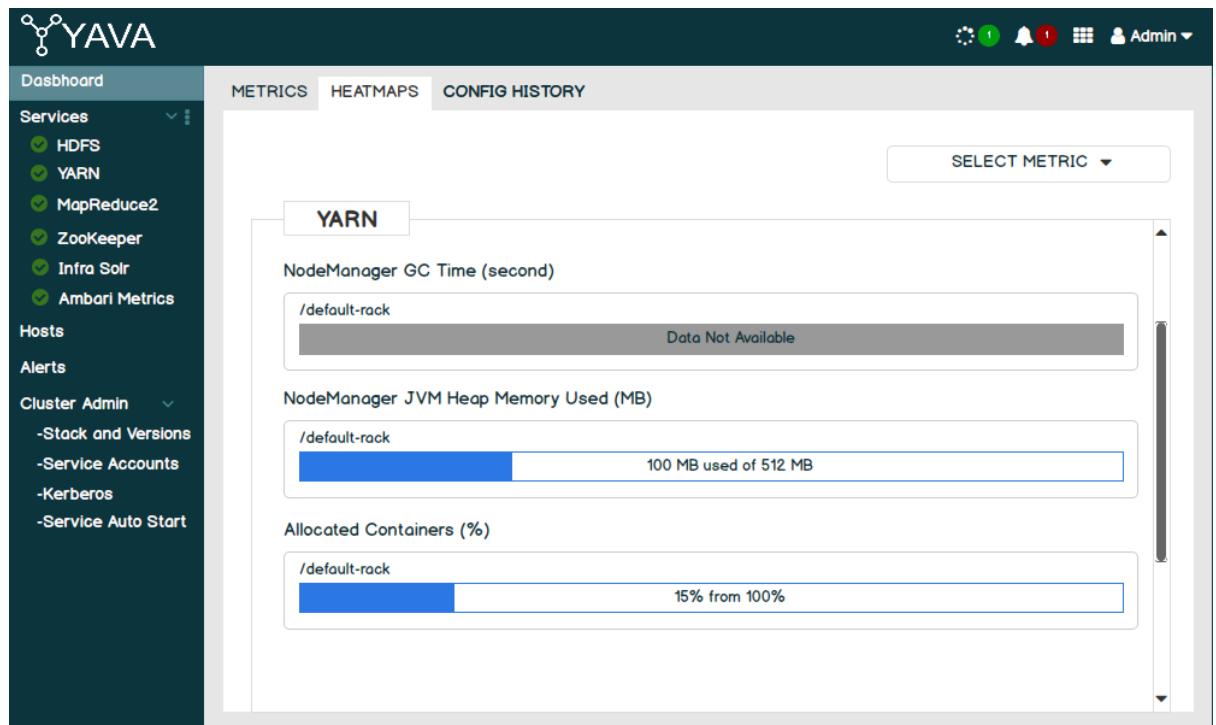


- Menu tab *Heatmaps*





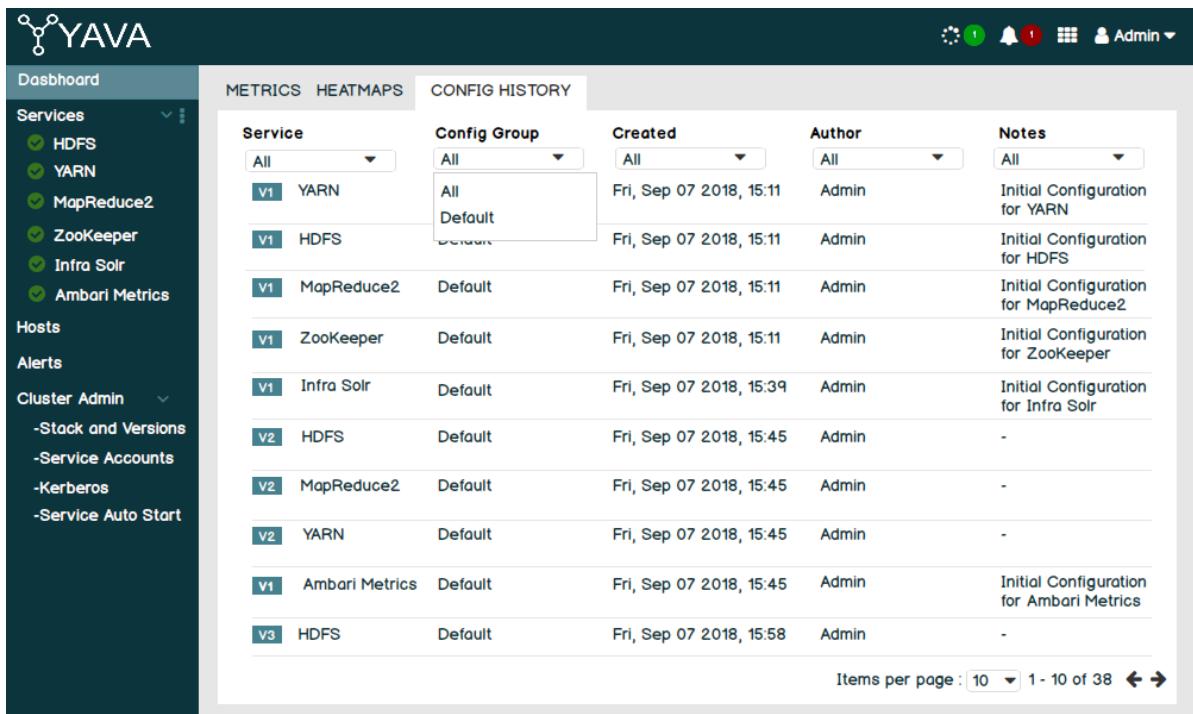




- Menu tab *Config History*

Service	Config Group	Created	Author	Notes
V1 YARN	Default	Fri, Sep 07 2018, 15:11	Admin	Initial Configuration for YARN
V1 HDFS	Default	Fri, Sep 07 2018, 15:11	Admin	Initial Configuration for HDFS
V1 MapReduce2	Default	Fri, Sep 07 2018, 15:11	Admin	Initial Configuration for MapReduce2
V1 ZooKeeper	Default	Fri, Sep 07 2018, 15:11	Admin	Initial Configuration for ZooKeeper
V1 Infra Solr	Default	Fri, Sep 07 2018, 15:39	Admin	Initial Configuration for Infra Solr
V2 HDFS	Default	Fri, Sep 07 2018, 15:45	Admin	-
V2 MapReduce2	Default	Fri, Sep 07 2018, 15:45	Admin	-
V2 YARN	Default	Fri, Sep 07 2018, 15:45	Admin	-
V1 Ambari Metrics	Default	Fri, Sep 07 2018, 15:45	Admin	Initial Configuration for Ambari Metrics
V3 HDFS	Default	Fri, Sep 07 2018, 15:58	Admin	-

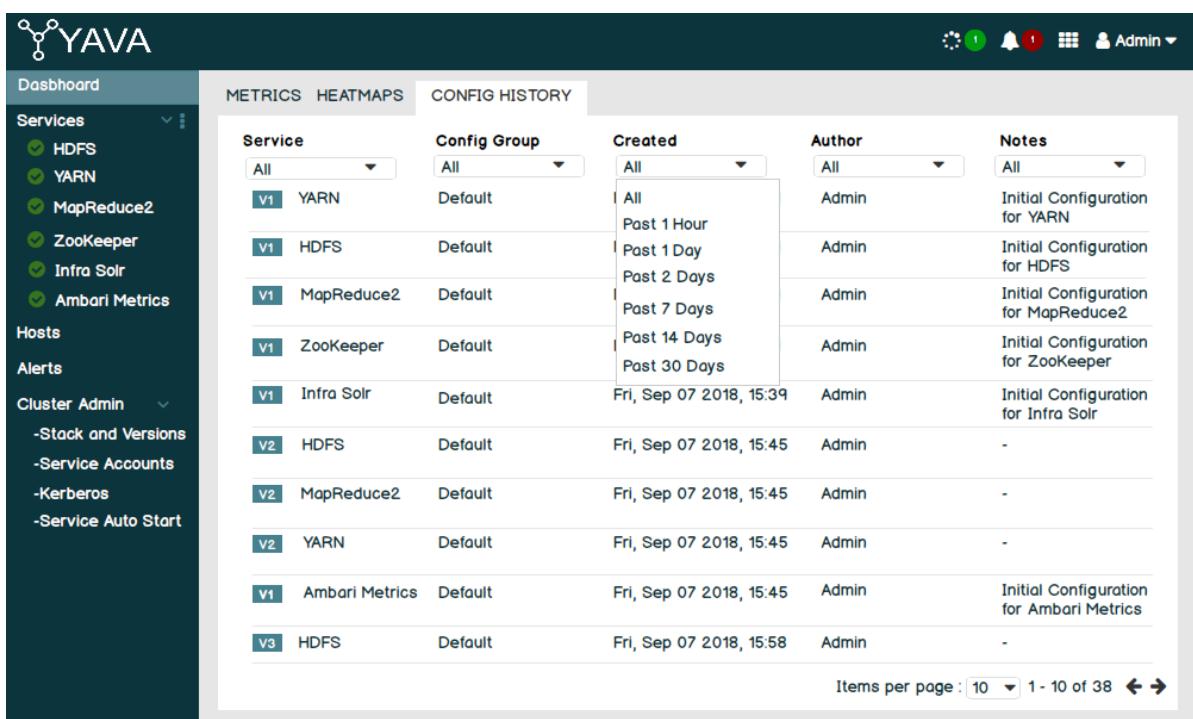
Service	Config Group	Created	Author	Notes
All	All	Fri, Sep 07 2018, 15:11	Admin	Initial Configuration for YARN
HDFS	Default	Fri, Sep 07 2018, 15:11	Admin	Initial Configuration for HDFS
YARN	Default	Fri, Sep 07 2018, 15:11	Admin	Initial Configuration for MapReduce2
MapReduce2	Default	Fri, Sep 07 2018, 15:11	Admin	Initial Configuration for Ambari Metrics
Ambari Metrics	Default	Fri, Sep 07 2018, 15:11	Admin	Initial Configuration for ZooKeeper
ZooKeeper	Default	Fri, Sep 07 2018, 15:11	Admin	Initial Configuration for Infra Solr
Infra Solr	Default	Fri, Sep 07 2018, 15:39	Admin	-
Kerberos	Default	Fri, Sep 07 2018, 15:45	Admin	-
V2 HDFS	Default	Fri, Sep 07 2018, 15:45	Admin	-
V2 MapReduce2	Default	Fri, Sep 07 2018, 15:45	Admin	-
V2 YARN	Default	Fri, Sep 07 2018, 15:45	Admin	-
V1 Ambari Metrics	Default	Fri, Sep 07 2018, 15:45	Admin	Initial Configuration for Ambari Metrics
V3 HDFS	Default	Fri, Sep 07 2018, 15:58	Admin	-



The screenshot shows the YAVA interface with the 'Config History' tab selected. The left sidebar includes sections for Services (HDFS, YARN, MapReduce2, ZooKeeper, Infra Solr, Ambari Metrics), Hosts, Alerts, and Cluster Admin (Stack and Versions, Service Accounts, Kerberos, Service Auto Start). The main area displays a table of configuration history:

Service	Config Group	Created	Author	Notes
All	All	All	All	All
V1 YARN	All	Fri, Sep 07 2018, 15:11	Admin	Initial Configuration for YARN
V1 HDFS	Default	Fri, Sep 07 2018, 15:11	Admin	Initial Configuration for HDFS
V1 MapReduce2	Default	Fri, Sep 07 2018, 15:11	Admin	Initial Configuration for MapReduce2
V1 ZooKeeper	Default	Fri, Sep 07 2018, 15:11	Admin	Initial Configuration for ZooKeeper
V1 Infra Solr	Default	Fri, Sep 07 2018, 15:39	Admin	Initial Configuration for Infra Solr
V2 HDFS	Default	Fri, Sep 07 2018, 15:45	Admin	-
V2 MapReduce2	Default	Fri, Sep 07 2018, 15:45	Admin	-
V2 YARN	Default	Fri, Sep 07 2018, 15:45	Admin	-
V1 Ambari Metrics	Default	Fri, Sep 07 2018, 15:45	Admin	Initial Configuration for Ambari Metrics
V3 HDFS	Default	Fri, Sep 07 2018, 15:58	Admin	-

Items per page : 10 1 - 10 of 38



This screenshot shows the same YAVA interface and sidebar as the first one. The 'Config History' tab is selected. The main area displays a table of configuration history, similar to the first screenshot, but with a more detailed 'Created' dropdown menu:

Service	Config Group	Created	Author	Notes
All	All	All	All	All
V1 YARN	Default	All	Admin	Initial Configuration for YARN
V1 HDFS	Default	Past 1 Hour	Admin	Initial Configuration for HDFS
V1 MapReduce2	Default	Past 1 Day	Admin	Initial Configuration for MapReduce2
V1 ZooKeeper	Default	Past 2 Days	Admin	Initial Configuration for ZooKeeper
V1 Infra Solr	Default	Past 7 Days	Admin	Initial Configuration for Infra Solr
V1 HDFS	Default	Past 14 Days	Admin	-
V1 MapReduce2	Default	Past 30 Days	Admin	-
V2 YARN	Default	Fri, Sep 07 2018, 15:39	Admin	-
V1 Ambari Metrics	Default	Fri, Sep 07 2018, 15:45	Admin	Initial Configuration for Ambari Metrics
V3 HDFS	Default	Fri, Sep 07 2018, 15:58	Admin	-

Items per page : 10 1 - 10 of 38

The screenshot shows the YAVA interface with the 'Config History' tab selected. The left sidebar includes links for Dashboard, Services (HDFS, YARN, MapReduce2, ZooKeeper, Infra Solr, Ambari Metrics), Hosts, Alerts, and Cluster Admin (Stack and Versions, Service Accounts, Kerberos, Service Auto Start). The main area displays a table of configuration history:

Service	Config Group	Created	Author	Notes
V1 YARN	Default	Fri, Sep 07 2018, 15:11	All	Initial Configuration for YARN
V1 HDFS	Default	Fri, Sep 07 2018, 15:11	Admin	Initial Configuration for HDFS
V1 MapReduce2	Default	Fri, Sep 07 2018, 15:11	Admin	Initial Configuration for MapReduce2
V1 ZooKeeper	Default	Fri, Sep 07 2018, 15:11	Admin	Initial Configuration for ZooKeeper
V1 Infra Solr	Default	Fri, Sep 07 2018, 15:39	Admin	Initial Configuration for Infra Solr
V2 HDFS	Default	Fri, Sep 07 2018, 15:45	Admin	-
V2 MapReduce2	Default	Fri, Sep 07 2018, 15:45	Admin	-
V2 YARN	Default	Fri, Sep 07 2018, 15:45	Admin	-
V1 Ambari Metrics	Default	Fri, Sep 07 2018, 15:45	Admin	Initial Configuration for Ambari Metrics
V3 HDFS	Default	Fri, Sep 07 2018, 15:58	Admin	-

Items per page : 10 1 - 10 of 38

This screenshot is identical to the one above, showing the YAVA interface with the 'Config History' tab selected. The main difference is that the 'Notes' column for each row now displays the full note text, which is a repetition of the initial configuration message for each service.

### 3. Halaman Service

**YAVA**

**Dashboard**

**Services**

- HDFS
- YARN
- MapReduce2
- ZooKeeper
- Infra Solr
- Ambari Metrics

**Hosts**

**Alerts**

**Cluster Admin**

- Stack and Versions
- Service Accounts
- Kerberos
- Service Auto Start

**SUMMARY**   **HEATMAPS**   **CONFIG**   **SERVICE ACTIONS**

**SUMMARY**

No alerts

NameNode	: Started	Data Remaining	: 1.3 TB/ 14 TB (92.12%)
SNameNode	: Started	Blocks (total)	: 870
DataNodes	: 3/3	Blocks Errors	: 0 corrupt/ 0 missing/ 165 under
DataNodes Status	: 3 live/ 0 dead/ 0 decommissioned	Total Files + Directories	: 1122
NFSGateways	: 0/0 started	Upgrade Status	: No pending upgrade
NameNode Uptime	: 3.20 hours	Safe Mode Status	: Not in safe mode
NameNode Heap	: 35.3 MB/ 10113 MB (3.5% used)		
Disk Usage (DFS Used)	: 3.2 GB/ 1.4 TB (0.22%)		
Disk Usage (Non DFS Used)	: 111.9 GB/ 1.4 TB (7.64%)		

**METRICS**

**Actions** ▾ **Last 1 Hour** ▾

NameNode GC Count

NameNode GC Time (stack)

NN Connection Load

NameNode Heap

NameNode Host Load

NameNode RPC

Failed Disk Volumes

Corrupted Blocks

**YAVA**

**Dashboard**

**Services**

- HDFS
- YARN
- MapReduce2
- ZooKeeper
- Infra Solr
- Ambari Metrics

**Hosts**

**Alerts**

**Cluster Admin**

- Stack and Versions
- Service Accounts
- Kerberos
- Service Auto Start

**SUMMARY**   **HEATMAPS**   **CONFIG**   **SERVICE ACTIONS**

**HDFS**

**SELECT METRIC** ▾

HDFS Bytes Written (MB)

/default-rack

105 MB used of 1024 MB

DataNode Garbage Collection Time (second)

/default-rack

Data Not Available

DataNode JVM Heap Memory Used (MB)

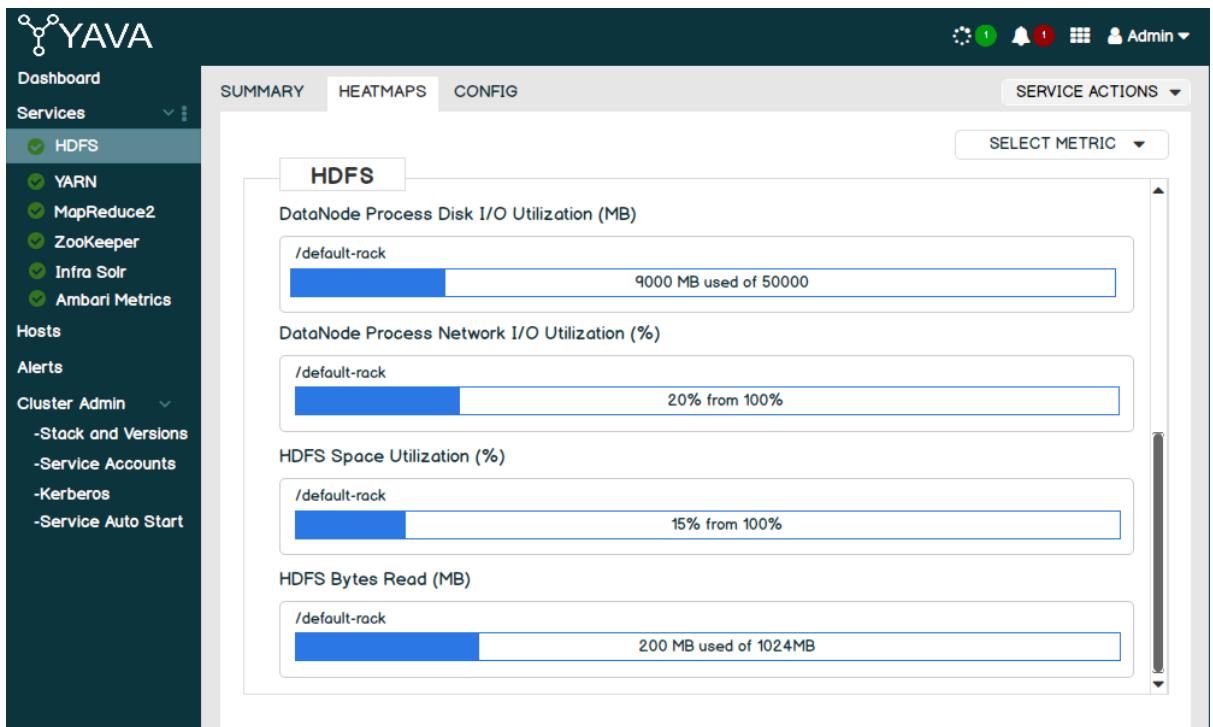
/default-rack

200 MB used of 512

DataNode JVM Heap Memory Committed (MB)

/default-rack

450 MB used of 512 MB



The screenshot shows the YAVA configuration page for the HDFS service. It displays two main sections: **NameNode** and **DataNode**.

**NameNode Configuration:**

- NameNode directories**: /hadoop/hdfs/namenode
- NameNode java heap size**: 256 TB
- NameNode server threads**: 200

**DataNode Configuration:**

- DataNode directories**: /hadoop/hdfs/namenode
- DataNode java heap size**: 2
- DataNode server threads**: 256 TB

At the top, there is a group selection dropdown set to "Default(1)", a "Manage Config Groups" button, and a "Filter..." search bar. Below the groups, there are buttons for "Discard" and "Save".

SUMMARY HEATMAPS CONFIG

Group Default(1) Manage Config Groups

V5 Admin About a year ago YAVA-2.2.0.5

V5 Yava About a year ago YAVA-2.2.0.5

V5 Admin About a year ago YAVA-2.2.0.5

Discard Save

Settings Advanced

NameNode

NameNode host : yava-v3-devlabs247.com

NameNode new generation size : 128 MB

NameNode maximum new generation size : 128 MB

NameNode permanent generation size : 128 MB

Secondary NameNode

Secondary NameNode host : yava-v3-devlabs247.com

Service Actions

Start Stop Restart All Restart DataNodes Move NameNode Move SNameNode Enable NameNode HA Run Service Check Turn On Maintenance Mode Rebalances HDFS Download Client Configs

SUMMARY HEATMAPS CONFIG

Group Default(1) Manage Config Groups

V5 Admin About a year ago YAVA-2.2.0.5

V5 Yava About a year ago YAVA-2.2.0.5

V5 Admin About a year ago YAVA-2.2.0.5

Discard Save

Settings Advanced

NameNode

NameNode host : yava-v3-devlabs247.com

NameNode new generation size : 128 MB

NameNode maximum new generation size : 128 MB

NameNode permanent generation size : 128 MB

Secondary NameNode

Secondary NameNode host : yava-v3-devlabs247.com

Service Actions

Start Stop Restart All Restart DataNodes Move NameNode Move SNameNode Enable NameNode HA Run Service Check Turn On Maintenance Mode Rebalances HDFS Download Client Configs

#### 4. Halaman Host

The screenshot shows the YAVA web interface. The left sidebar has a dark theme with white text. It includes sections for Dashboard, Services (with icons for HDFS, YARN, MapReduce2, ZooKeeper, Infra Solr, and Ambari Metrics), Host, Alerts, Cluster Admin (with sub-options like Stack and Versions, Service Accounts, Kerberos, and Service Auto Start), and a user icon labeled 'Admin'. The main content area is titled 'HOST' and contains a table with the following columns: Name, IP Address, Rack, Cores, RAM, Disk Usage, Load Avg, Versions, and Components. A single row is listed, showing 'yava-v3-devlabs247.com' with IP 192.168.3.158, Rack '/default-rack', 1 core, 7.64GB RAM, 4.38 Load Avg, YAVA-3.0 Versions, and 19 components. Below the table are buttons for 'Items per page' (set to 10) and navigation arrows. The top right corner shows system status icons.

Name	IP Address	Rack	Cores	RAM	Disk Usage	Load Avg	Versions	Components
yava-v3-devlabs247.com	192.168.3.158	/default-rack	1 (1)	7.64GB		4.38	YAVA-3.0	19 components

This screenshot is similar to the one above, showing the YAVA interface with the HOST list page. The context menu for the single host entry is open, with the following options visible: 'Add New Host', 'Selected Hosts (0)', 'Filtered Host (1)' (which is highlighted in blue), and 'All Host (1)'. The rest of the interface, including the sidebar and table, remains the same.

The screenshot shows the YAVA interface with the 'HOST' tab selected. On the left, a sidebar menu includes 'Dashboard', 'Services' (with HDFS, YARN, MapReduce2, ZooKeeper, Infra Solr, and Ambari Metrics checked), 'Host' (selected), 'Alerts', and 'Cluster Admin' (with sub-options: Stack and Versions, Service Accounts, Kerberos, and Service Auto Start). The main content area displays a table titled 'HOST' with one row:

Name	IP Address	Rack	Cores	RAM	Disk Usage	Load Avg	Ver
yava-v3-devlab247.com	192.168.3.158	/default-rack	1 (1)	7.64GB	Host	0	10

An 'ACTIONS' dropdown menu is open, showing options: Add New Host, Selected Hosts (0), Filtered Host (1), All Host (1), and a list of actions for the selected host: DataNodes, JournalNodes, NodeManagers.

This screenshot is similar to the first one, but the 'Host' action in the 'ACTIONS' dropdown has been selected, opening a context menu with the following options:

- Start All Components
- Stop All Components
- Restart All Components
- Reinstall Failed Components
- Turn On Maintenance Mode
- Turn Off Maintenance Mode
- Set Rack
- Delete Hosts

The screenshot shows the YAVA (Yet Another Virtual Appliance) interface. The left sidebar contains navigation links: Dashboard, Services (HDFS, YARN, MapReduce2, ZooKeeper, Infra Solr, Ambari Metrics), Host, Alerts, Cluster Admin (Stack and Versions, Service Accounts, Kerberos, Service Auto Start). The main area is titled 'HOST' and lists a single host: 'yava-v3-devlab247.com' with IP 192.168.3.158, Rack '/default-rack', Cores 1(1), RAM 7.64GB, Disk Usage 50%. To the right is an 'ACTIONS' dropdown menu with options: Add New Host, Selected Hosts (0), Filtered Host (1), All Host (1). A sub-menu for 'Host' is open, showing: - Start, - Stop, - Restart, - Add, - Decommission, - Recommission.

This screenshot is nearly identical to the one above, showing the same host details and the same open 'Actions' menu for the selected host. The sub-menu for 'Host' is still visible, listing the same six actions: - Start, - Stop, - Restart, - Add, - Decommission, - Recommission.

**ACTIONS**

- + Add New Host
- Selected Hosts (0)
- Filtered Host (1)
- All Host (1)

**HOST**

Name	IP Address	Rack	Cores	RAM	Disk Usage	Load Avg	V
yava-v3-devlab247.com	192.168.3.158	/default-rack	1 (1)	7.64GB			

**Actions for Selected Host:**

- Start
- Stop
- Restart
- Add
- Decommission
- Recommission

**Add Host Wizard**

Install Options

Enter the list of hosts to be included in the cluster and provide your SSH key

- Target Host

Enter a list of hosts using the fully qualified domain name (FQDN), one per line. Or use [Pattern Expression](#)

- Host Registration Information

Provide your [SSH Private Key](#) to automatically register hosts

Pilih File Tidak ada file yang dipilih

ssh private key

SSH User Account root

Perform [manual registration](#) on hosts and do not use SSH

**Register and Confirm**

**YAVA**

Dashboard

Services

- HDFS
- YARN
- MapReduce2
- ZooKeeper
- Infra Solr
- Ambari Metrics

Host

Alerts

Cluster Admin

- Stack and Versions
- Service Accounts
- Kerberos
- Service Auto Start

**HOST**

**COMPONENTS**

yava-v3-dev.labs247.com

- Timeline Service V1.5
- DataNode
- HDFS Client
- History Server
- Infra Solr Client
- Infra Solr Instance
- MapReduce2 Client
- Metrics Collector
- Grafana
- Metrics Monitor
- NameNode

**ACTIONS**

YAVA-3.0 19 components

page : 10 1 - 1 of 1

OK

Register and Confirm

**YAVA**

Dashboard

Services

- HDFS
- YARN
- MapReduce2
- ZooKeeper
- Infra Solr
- Ambari Metrics

Host

Alerts

Cluster Admin

- Stack and Versions
- Service Accounts
- Kerberos
- Service Auto Start

**yava-v3-dev.labs247.com / Summary**

SUMMARY CONFIG ALERTS VERSIONS

**Components**

Name	Type	Action
Timeline Service V1.5/ YARN	Master	...
History Server / MapReduce2	Master	...
Infra Solr Instance / Infra Solr	Master	...
Metrics Monitor / Ambari Metrics	Slave	...
DataNode / HDFS	Slave	...
HDFS Client / HDFS	Client	...
MapReduce2 Client / MapReduce2	Client	...

**HOST METRICS**

LAST 1 HOUR

CPU Usage

Memory Usage

Network Usage

NameNode CPU WIO

4d 22h 20m NameNode Uptime

# YAVA

Dashboard

Services

- HDFS
- YARN
- MapReduce2
- ZooKeeper
- Infra Solr
- Ambari Metrics

Host

Alerts

Cluster Admin

- Stack and Versions
- Service Accounts
- Kerberos
- Service Auto Start

**yava-v3-devlabs247.com / Summary**

SUMMARY CONFIG ALERTS VERSIONS

Name	Type	Action
Timeline Service V1.5 / YARN	Master	...
History Server / MapReduce2	Master	...
Infra Solr Instance / Infra Solr	Master	...
Metrics Monitor / Ambari Metrics	Slave	...
DataNode / HDFS	Slave	...
HDFS Client / HDFS	Client	...
MapReduce2 Client / MapReduce2	Client	...

**Components**

**Host Metrics**

- CPU Usage
- Memory Usage
- Network Usage

**Summary**

Hostname	: yava-v3-devlabs247.com
IP Address	: 192.168.3.158
Rack	: /default-rack
OS	: centos7 (x86_64)
Cores (CPU)	: 1(1)
Disk	: 8.59GB/47.12GB (8.23% used)
Memory	: 7.64GB
Load Avg	: 2.69

**HOST ACTION**

- Start All Components
- Stop All Components
- Restart All Components
- Set Rack
- Turn On Maintenance Mode
- Delete Host
- Check Host
- Download Client Configs
- Recover Host

4d 22h 20m NameNode Uptime

# YAVA

Dashboard

Services

- HDFS
- YARN
- MapReduce2
- ZooKeeper
- Infra Solr
- Ambari Metrics

Host

Alerts

Cluster Admin

- Stack and Versions
- Service Accounts
- Kerberos
- Service Auto Start

**yava-v3-devlabs247.com / Config**

SUMMARY CONFIG ALERTS VERSIONS

**HDFS**

Settings Advanced

**NameNode**

NameNode directories: /hadoop/hdfs/namenode

NameNode java heap size: 128 TB

NameNode server threads: 101

**DataNode**

DataNode directories: /hadoop/hdfs/namenode

DataNode java heap size: 1

DataNode server threads: 24000

**HOST ACTION**

Change Config Group Default(1) Filter...

**YAVA**

Dashboard

Services

- HDFS
- YARN
- MapReduce2
- ZooKeeper
- Infra Solr
- Ambari Metrics

Host

Alerts

Cluster Admin

- Stack and Versions
- Service Accounts
- Kerberos
- Service Auto Start

**yava-v3-dev.labs247.com / Config**

SUMMARY CONFIG ALERTS VERSIONS HOST ACTION

**HDFS**

**DataNode**

DataNode directories: /hadoop/hdfs/namenode

NameNode java heap size: 128 TB

NameNode server threads: 101

NameNode server threads: 99.5%

**Host Action**

Change Config Group Default(1) Filter...

**YAVA**

Dashboard

Services

- HDFS
- YARN
- MapReduce2
- ZooKeeper
- Infra Solr
- Ambari Metrics

Host

Alerts

Cluster Admin

- Stack and Versions
- Service Accounts
- Kerberos
- Service Auto Start

**yava-v3-dev.labs247.com / Config**

SUMMARY CONFIG ALERTS VERSIONS HOST ACTION

**HDFS**

Settings Advanced

**NameNode**

NameNode host: yava-v3-dev.labs247.com

NameNode new generation size: 128 MB

NameNode maximum new generation size: 128 MB

NameNode permanent generation size: 128 MB

**Secondary NameNode**

Secondary NameNode host: yava-v3-dev.labs247.com

Secondary NameNode checkpoint directories: /hadoop/hdfs/namesecondary

**DataNode**

DataNode host: yava-v3-dev.labs247.com

DataNode directories permission: 128

**yava-v3-dev.labs247.com / Summary**

SUMMARY CONFIG ALERTS VERSIONS HOST ACTION

Service	Alert Definitions Name	Status	Response
Ambari	Ulimit for open files	OK	for 25 days Ulimit for open files (-n) is 1024
Ambari	Host Disk Usage	OK	for 25 days Capacity Used: 13.05%, 6.5 GB, Capacity Total: 50.1 GB, path=/usr/yava
Ambari	Ambari Agent Heartbeat	OK	for 25 days yava-v3-dev.labs247.com is healthy
Ambari	Ambari Agent Distro/Conf Select Versions	OK	for 25 days yava-select reported the following versions: 3.0.0.0-0000, 4.0.0.0-0000
Infra Solr	Infra Solr Web UI	OK	for 4 days HTTP 200 response in 0.000s
Ambari Metrics	Grafana Web UI	OK	for 4 days HTTP 200 response in 0.000s
Ambari Metrics	Metrics Collector Process	OK	for 4 days TCP OK - 0.000S response on port 6188
Ambari Metrics	Metrics Collector - Auto-Restart Status	OK	for 25 days Metrics Collector has not been auto-started and is running normally
Ambari Metrics	Metrics Collector - HBaseMaster Process	OK	for 4 days TCP OK - 0.000S response on port 61310
Ambari Metrics	Metrics Collector - HBase Master CPU Utilization	OK	for 4 days 1 CPU : load 3.1%

Items per page : 10 1 - 10 of 64 ← →

**yava-v3-dev.labs247.com / Summary**

SUMMARY CONFIG ALERTS VERSIONS HOST ACTION

Stack	Name	Status	Keterangan
All	All	All	
YAVA	YAVA-3.0	Current	<b>INSTALL</b>

Items per page : 10 1 - 1 of 1 ← →

## 5. Halaman *Alerts*

YAVA

Dashboard

Services

- HDFS
- YARN
- MapReduce2
- ZooKeeper
- Infra Solr
- Ambari Metrics

Hosts

Alerts

Cluster Admin

- Stack and Versions
- Service Accounts
- Kerberos
- Service Auto Start

ALERTS

Status	Alert Definitions Name	Service	Last Status Changed	State
OK	<a href="#">Ambari Service Alerts</a>	Ambari	24 days ago	Enable
OK	<a href="#">Metrics Collector-Hbase Master Process</a>	Ambari Metrics	3 days ago	Enable
OK	<a href="#">Component Versions</a>	Ambari	3 days ago	Enable
OK	<a href="#">Grafana Web UI</a>	Ambari Metrics	24 days ago	Enable
OK	<a href="#">History Server Web UI</a>	MapReduce2	4 days ago	Enable
OK	<a href="#">History Server CPU Utilization</a>	MapReduce2	4 days ago	Enable
OK	<a href="#">History Server RPC Latency</a>	MapReduce2	4 days ago	Enable
OK	<a href="#">Metrics Collector-Hbase Master CPU Utilization</a>	Ambari Metrics	3 days ago	Enable
OK	<a href="#">Metrics Collector-Auto Restart Status</a>	Ambari Metrics	3 days ago	Enable
CRITICAL	<a href="#">Percent DataNodes with Available Space</a>	HDFS	2 days ago	Enable

Items per page : 10 1 - 10 of 64

YAVA

Dashboard

Services

- HDFS
- YARN
- MapReduce2
- ZooKeeper
- Infra Solr
- Ambari Metrics

Hosts

Alerts

Cluster Admin

- Stack and Versions
- Service Accounts
- Kerberos
- Service Auto Start

ALERTS

Status	Alert Definitions Name	Service	Last Status Changed	State
OK	<a href="#">Ambari Service Alerts</a>	Ambari	24 days ago	Enable
OK	<a href="#">Metrics Collector-Hbase Master Process</a>	Ambari Metrics	3 days ago	Enable
OK	<a href="#">Component Versions</a>	Ambari	3 days ago	Enable
OK	<a href="#">Grafana Web UI</a>	Ambari Metrics	24 days ago	Enable
OK	<a href="#">History Server Web UI</a>	MapReduce2	4 days ago	Enable
OK	<a href="#">History Server CPU Utilization</a>	MapReduce2	4 days ago	Enable
OK	<a href="#">History Server RPC Latency</a>	MapReduce2	4 days ago	Enable
OK	<a href="#">Metrics Collector-Hbase Master CPU Utilization</a>	Ambari Metrics	3 days ago	Enable
OK	<a href="#">Metrics Collector-Auto Restart Status</a>	Ambari Metrics	3 days ago	Enable
CRITICAL	<a href="#">Percent DataNodes with Available Space</a>	HDFS	2 days ago	Enable

Items per page : 10 1 - 10 of 64

**YAVA**

Dashboard

Services

- HDFS
- YARN
- MapReduce2
- ZooKeeper
- Infra Solr
- Ambari Metrics

Hosts

Alerts

Cluster Admin

- Stack and Versions
- Service Accounts
- Kerberos
- Service Auto Start

**ALERTS**

Status	Alert Definitions Name	Service	Last Status Changed	ACTIONS
OK	<a href="#">Ambari Service Alerts</a>	Ambari	24 days ago	<a href="#">Manage Alert Group</a>
OK	<a href="#">Metrics Collector-Hbase Master Process</a>	Ambari Metrics	3 days ago	<a href="#">Enable</a>
OK	<a href="#">Component Versions</a>	Ambari	3 days ago	<a href="#">Enable</a>
OK	<a href="#">Grafana Web UI</a>	Ambari Metrics	24 days ago	<a href="#">Enable</a>
OK	<a href="#">History Server Web UI</a>	MapReduce2	4 days ago	<a href="#">Enable</a>
OK	<a href="#">History Server CPU Utilization</a>	MapReduce2	4 days ago	<a href="#">Enable</a>
OK	<a href="#">History Server RPC Latency</a>	MapReduce2	4 days ago	<a href="#">Enable</a>
OK	<a href="#">Metrics Collector-Hbase Master CPU Utilization</a>	Ambari Metrics	3 days ago	<a href="#">Enable</a>
OK	<a href="#">Metrics Collector-Auto Restart Status</a>	Ambari Metrics	3 days ago	<a href="#">Enable</a>
CRITICAL	<a href="#">Percent DataNodes with Available Space</a>	HDFS	2 days ago	<a href="#">Enable</a>

Items per page : 10 1 - 10 of 64

**YAVA**

Dashboard

Services

- HDFS
- YARN
- MapReduce2
- ZooKeeper
- Infra Solr
- Ambari Metrics

Hosts

Alerts

Cluster Admin

- Stack and Versions
- Service Accounts
- Kerberos
- Service Auto Start

**ALERTS**

Status	Alert Definitions Name	Service	Last Status Changed	State
All	<a href="#">Ambari Service Alerts</a>	Ambari	24 days ago	<a href="#">Enable</a>
CRITICAL	<a href="#">Metrics Collector-Hbase Master Process</a>	Ambari Metrics	3 days ago	<a href="#">Enable</a>
WARNING	<a href="#">Component Versions</a>	Ambari	3 days ago	<a href="#">Enable</a>
UNKNOWN	<a href="#">Grafana Web UI</a>	Ambari Metrics	24 days ago	<a href="#">Enable</a>
PENDING				
OK	<a href="#">History Server Web UI</a>	MapReduce2	4 days ago	<a href="#">Enable</a>
OK	<a href="#">History Server CPU Utilization</a>	MapReduce2	4 days ago	<a href="#">Enable</a>
OK	<a href="#">History Server RPC Latency</a>	MapReduce2	4 days ago	<a href="#">Enable</a>
OK	<a href="#">Metrics Collector-Hbase Master CPU Utilization</a>	Ambari Metrics	3 days ago	<a href="#">Enable</a>
OK	<a href="#">Metrics Collector-Auto Restart Status</a>	Ambari Metrics	3 days ago	<a href="#">Enable</a>
CRITICAL	<a href="#">Percent DataNodes with Available Space</a>	HDFS	2 days ago	<a href="#">Enable</a>

Items per page : 10 1 - 10 of 64

**YAVA**

Dashboard

Services

- HDFS
- YARN
- MapReduce2
- ZooKeeper
- Infra Solr
- Ambari Metrics

Hosts

Alerts

Cluster Admin

- Stack and Versions
- Service Accounts
- Kerberos
- Service Auto Start

**ALERTS**

Status	Alert Definitions Name	Service	Last Status Changed	State
All	All		24 days ago	Enable
OK	Ambari Agent Distro/Conf Select Versions		3 days ago	Enable
OK	Ambari Agent Heartbeat	Metrics	3 days ago	Enable
OK	Ambari Server Alerts		3 days ago	Enable
OK	Ambari Server Performance	Metrics	24 days ago	Enable
OK	App Timeline Web UI	Juce2	4 days ago	Enable
OK	Component Version	Juce2	4 days ago	Enable
OK	DataNode Health Summary	Juce2	4 days ago	Enable
OK	DataNode Heap Usage	Juce2	4 days ago	Enable
OK	DataNode Process	Juce2	4 days ago	Enable
OK	DataNode Unmounted Data Dir	Juce2	4 days ago	Enable
OK	DataNode Web UI	Metrics	3 days ago	Enable
OK	Metrics Collector-Auto Restart Status	Ambari Metrics	3 days ago	Enable
CRITICAL	Percent DataNodes with Available Space	HDFS	2 days ago	Enable

Items per page : 10 1 - 10 of 64

**YAVA**

Dashboard

Services

- HDFS
- YARN
- MapReduce2
- ZooKeeper
- Infra Solr
- Ambari Metrics

Hosts

Alerts

Cluster Admin

- Stack and Versions
- Service Accounts
- Kerberos
- Service Auto Start

**ALERTS**

Status	Alert Definitions Name	Service	Last Status Changed	State
All	All		2 days ago	Enable
OK	Ambari Service Alerts	Ambari	2 days ago	Enable
OK	Metrics Collector-Hbase Master Process	Ambari Metrics	2 days ago	Enable
OK	Component Versions	HDFS	2 days ago	Enable
OK	Grafana Web UI	Infra Solr	2 days ago	Enable
OK	History Server Web UI	MapReduce2	2 days ago	Enable
OK	History Server CPU Utilization	YARN	2 days ago	Enable
OK	History Server RPC Latency	ZooKeeper	2 days ago	Enable
OK	Metrics Collector-Hbase Master CPU Utilization	MapReduce2	4 days ago	Enable
OK	Metrics Collector-Auto Restart Status	Ambari Metrics	3 days ago	Enable
OK	Percent DataNodes with Available Space	Ambari Metrics	3 days ago	Enable
CRITICAL	Percent DataNodes with Available Space	HDFS	2 days ago	Enable

Items per page : 10 1 - 10 of 64

**YAVA**

Dashboard

Services

- HDFS
- YARN
- MapReduce2
- ZooKeeper
- Infra Solr
- Ambari Metrics

Hosts

Alerts

Cluster Admin

- Stack and Versions
- Service Accounts
- Kerberos
- Service Auto Start

**ALERTS**

Status	Alert Definitions Name	Service	Last Status Changed	State
OK	<a href="#">Ambari Service Alerts</a>	Ambari	All	Enable
OK	<a href="#">Metrics Collector-Hbase Master Process</a>	Ambari Metrics	Past 1 Hour	Enable
OK	<a href="#">Component Versions</a>	Ambari	Past 1 Day	Enable
OK	<a href="#">Grafana Web UI</a>	Ambari Metrics	Pat 2 Days	Enable
OK	<a href="#">History Server Web UI</a>	MapReduce2	Past 7 Days	Enable
OK	<a href="#">History Server CPU Utilization</a>	MapReduce2	Past 14 Days	Enable
OK	<a href="#">History Server RPC Latency</a>	MapReduce2	Past 30 Days	Enable
OK	<a href="#">Metrics Collector-Hbase Master CPU Utilization</a>	Ambari Metrics	4 days ago	Enable
OK	<a href="#">Metrics Collector-Auto Restart Status</a>	Ambari Metrics	4 days ago	Enable
CRITICAL	<a href="#">Percent DataNodes with Available Space</a>	HDFS	3 days ago	Enable
CRITICAL	<a href="#">Percent DataNodes with Available Space</a>	HDFS	2 days ago	Enable

Items per page : 10 1 - 10 of 64

**YAVA**

Dashboard

Services

- HDFS
- YARN
- MapReduce2
- ZooKeeper
- Infra Solr
- Ambari Metrics

Hosts

Alerts

Cluster Admin

- Stack and Versions
- Service Accounts
- Kerberos
- Service Auto Start

**ALERTS**

Status	Alert Definitions Name	Service	Last Status Changed	State
OK	<a href="#">Ambari Service Alerts</a>	Ambari	24 days ago	All
OK	<a href="#">Metrics Collector-Hbase Master Process</a>	Ambari Metrics	3 days ago	Enable
OK	<a href="#">Component Versions</a>	Ambari	3 days ago	Disable
OK	<a href="#">Grafana Web UI</a>	Ambari Metrics	24 days ago	Enable
OK	<a href="#">History Server Web UI</a>	MapReduce2	4 days ago	Enable
OK	<a href="#">History Server CPU Utilization</a>	MapReduce2	4 days ago	Enable
OK	<a href="#">History Server RPC Latency</a>	MapReduce2	4 days ago	Enable
OK	<a href="#">Metrics Collector-Hbase Master CPU Utilization</a>	Ambari Metrics	3 days ago	Enable
OK	<a href="#">Metrics Collector-Auto Restart Status</a>	Ambari Metrics	3 days ago	Enable
CRITICAL	<a href="#">Percent DataNodes with Available Space</a>	HDFS	2 days ago	Enable

Items per page : 10 1 - 10 of 64

**ALERTS**

Status	Alert Definitions Name	Service	Last Status Changed	State
OK	Ambari Service Alerts	Ambari	24 days ago	Enable
OK				Enable
OK	History Server RPC Latency	MapReduce2	4 days ago	Enable
OK	Metrics Collector-Hbase Master CPU Utilization	Ambari Metrics	3 days ago	Enable
OK	Metrics Collector-Auto Restart Status	Ambari Metrics	3 days ago	Enable
CRITICAL	Percent DataNodes with Available Space	HDFS	2 days ago	Enable

Items per page : 10 1 - 10 of 64

## 6. Halaman Cluster Admin

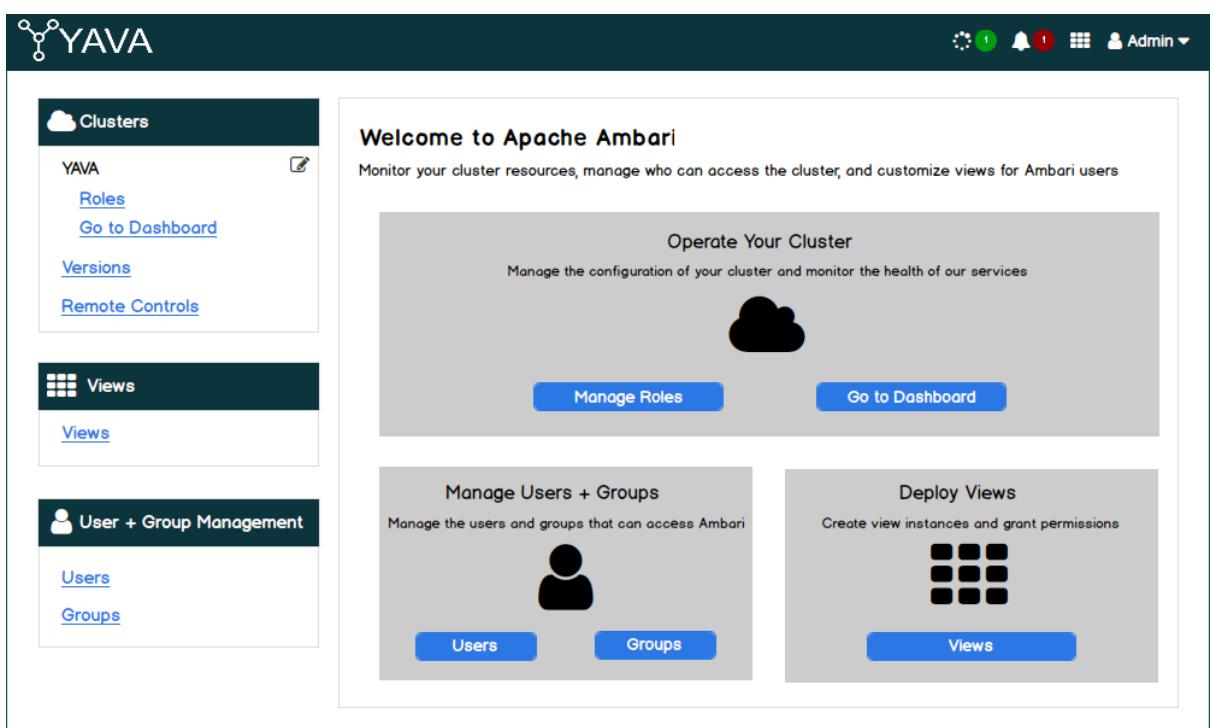
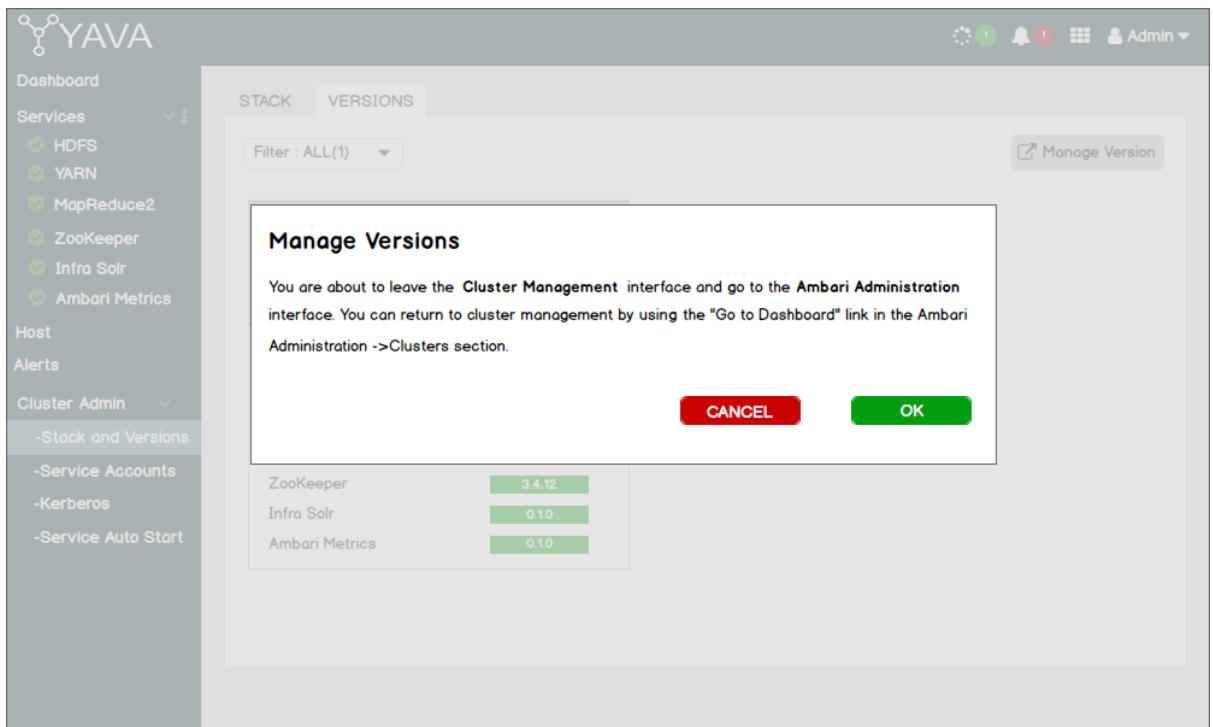
**STACK VERSIONS**

Service	Versions	Status	Description
HDFS	3.1.0	Installed	Apache Hadoop Distributed File System
YARN	3.1.0	Installed	Apache Hadoop NextGen MapReduce (YARN)
MapReduce2	3.0.0.3	Installed	Apache Hadoop NextGen MapReduce (YARN)
ZooKeeper	3.4.1.2	Installed	Centralized service which provides highly reliable distributed coordination
Infra Solr	0.1.0	Installed	Core shared service used by Ambari managed components
Ambari Metrics	0.1.0	Installed	A system for metrics collection that provides storage and retrieval capability for metrics collected from the cluster
Ambari Metrics	0.1.0	Not Installed	A computer network authentication protocol which works on the basis of 'tickets' to allow nodes communicating over a non-secure network to prove their identity to one another in a secure manner

The screenshot shows the YAVA interface with the title bar "YAVA". The left sidebar includes "Dashboard", "Services" (with HDFS, YARN, MapReduce2, ZooKeeper, Infra Solr, Ambari Metrics), "Host", "Alerts", and "Cluster Admin" (with sub-options: -Stack and Versions, -Service Accounts, -Kerberos, -Service Auto Start). The main content area has tabs "STACK" and "VERSIONS". A dropdown filter shows "Filter : ALL(1)". A "Manage Version" button is in the top right. The "VERSIONS" tab displays the stack "YAVA-3.0.0.0.0 (3.0.0.0-0000)" with a "Current" button. Below it is a table of services and their versions:

Services	Version
HDFS	3.10
YARN	3.10
MapReduce2	3.0.0.3
ZooKeeper	3.4.12
Infra Solr	0.10
Ambari Metrics	0.10

This screenshot is similar to the one above, but a dropdown menu is open over the "Filter : ALL(1)" field. The menu options are: - All (1), - Not Installed (0), - Upgrade Ready (0), - Current (1), - Installed (0), - Upgrade/Downgrade in Process (0), and - Ready to Finalize (0). The rest of the interface is identical to the first screenshot.



**Welcome to Apache Ambari**

Monitor your cluster resources, manage who can access the cluster, and customize views for Ambari users

**Operate Your Cluster**  
Manage the configuration of your cluster and monitor the health of our services

**Manage Roles** **Go to Dashboard**

**Manage Users + Groups**  
Manage the users and groups that can access Ambari

**Users** **Groups**

**Deploy Views**  
Create view instances and grant permissions

**Views**

**User + Group Management**

**Users** **Groups**

**Clusters**

**YAVA**

**Admin** **About** **Logout**

**CLUSTER ADMIN**

**Services Users and Groups**

Name	Value
Smoke User	ambari-qa
Hadoop Group	hadoop
Ambari Metrics Uri	ams
HDFS User	hdfs
Proxy User Group	users
Infra Solr User	infra-solr
MapReduce User	mapred
YARN ATS User	yarn-ats
YARN User	yarn
ZooKeeper User	zookeeper

**Dashboard**

**Services**

- HDFS
- YARN
- MapReduce2
- ZooKeeper
- Infra Solr
- Ambari Metrics

**Host**

**Alerts**

**Cluster Admin**

- Stack and Versions
- Service Accounts
- Kerberos
- Service Auto Start

**YAVA**

**Admin**

The screenshot shows the YAVA (Yet Another Ambari Variant) web interface. The left sidebar contains navigation links: Dashboard, Services (with HDFS, YARN, MapReduce2, ZooKeeper, Infra Solr, and Ambari Metrics listed), Host, Alerts, Cluster Admin (with sub-options: Stack and Versions, Service Accounts, Kerberos, and Service Auto Start). The main content area is titled "CLUSTER ADMIN" and displays the message "Kerberos security is disabled". Below this message is a green button labeled "Enabled Kerberos". The top right corner of the interface includes a user icon labeled "Admin" and several small status icons.

This screenshot shows the same YAVA interface as above, but with a modal dialog box overlaid. The dialog has a "CLUSTER ADMIN" header and displays the message "Kerberos security is disabled" above a green button labeled "Enabled Kerberos". Below this is a large "WARNING" section containing the text: "YARN log and local dir wil be deleted and ResourceManager state will be formatted as part of Enabling/Disabling Kerberos." At the bottom of the dialog are two buttons: "CANCEL" (red) and "PROCEED ANYWAY" (green).

The screenshot shows the 'CLUSTER ADMIN' section of the YAVA interface. At the top, a note states: 'Ambari Services can be configured to start automatically on system boot. Each service can be configured to start all components, masters and workers or selectively.' Below this is a 'Auto Start Settings' toggle switch, which is turned on. The configuration table lists services and their components with checkboxes for selecting which parts to auto-start:

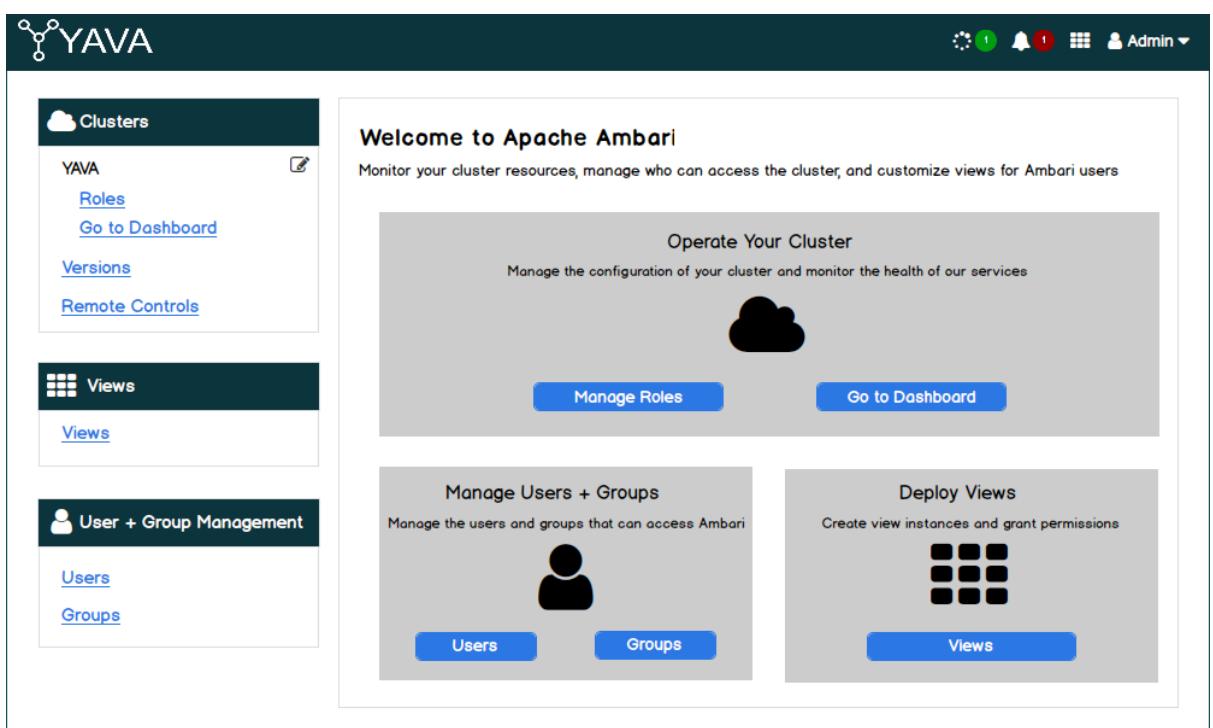
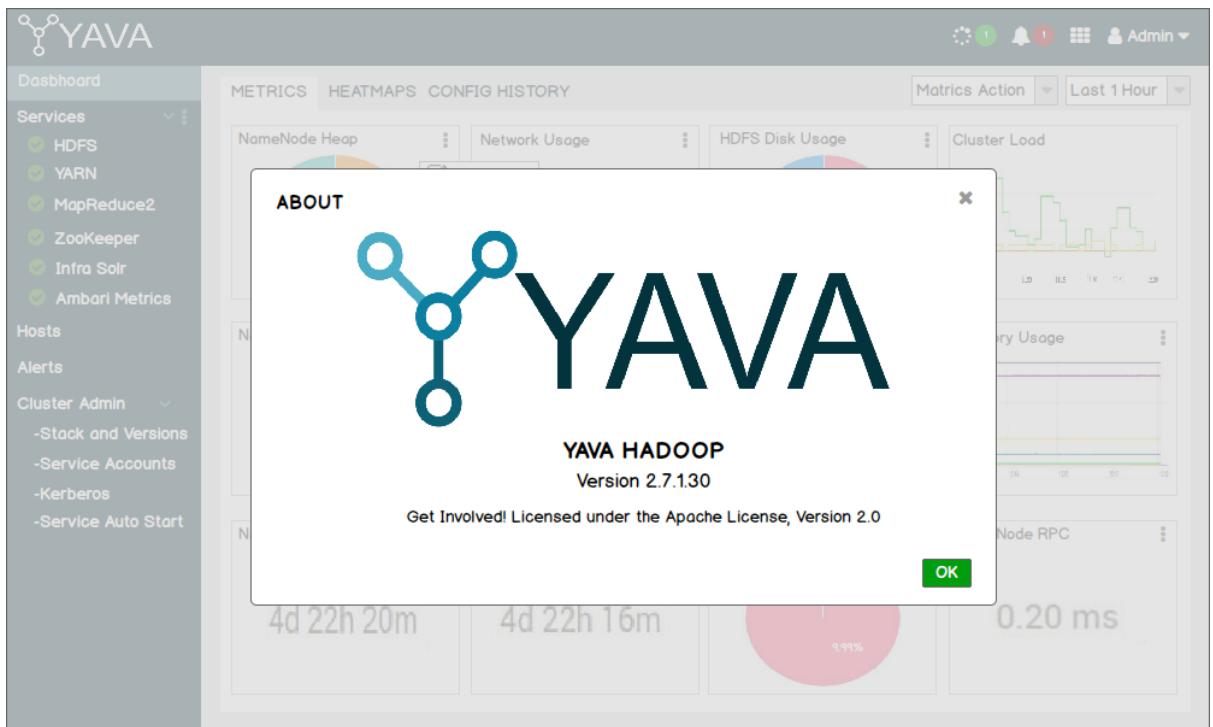
Services	Components
Infra Solr	<input type="checkbox"/> Infra Solr Instance <input type="checkbox"/> Infra Solr Client
Ambari Metrics	<input type="checkbox"/> Metrics Collector <input type="checkbox"/> Grafana <input type="checkbox"/> Metrics Monitor
HDFS	<input type="checkbox"/> JournalNode <input type="checkbox"/> NFSGateway <input type="checkbox"/> HDFS Client <input type="checkbox"/> NameNode <input type="checkbox"/> SNameNode <input type="checkbox"/> DataNode <input type="checkbox"/> ZKFailoverController <input type="checkbox"/> ZKFailoverController

## 7. Halaman menu Admin

The screenshot shows the main 'Dashboard' page of YAVA. On the left, a sidebar lists 'Services' (HDFS, YARN, MapReduce2, ZooKeeper, Infra Solr, Ambari Metrics) and 'Cluster Admin' options (-Stack and Versions, -Service Accounts, -Kerberos, -Service Auto Start). The main area displays a grid of nine cards representing different cluster metrics:

- NameNode Heap: 6.6% used
- Network Usage: Line chart showing usage over time.
- HDFS Disk Usage: 96.82% used
- Cluster Load: Line chart showing load over time.
- NameNode CPU WIO: 0.70% CPU WIO
- ResourceManager Heap: 6.6% used
- CPU usage: Bar chart showing CPU usage.
- Memory Usage: Line chart showing memory usage.
- NameNode Uptime: 4d 22h 20m
- ResourceManager Uptime: 4d 22h 16m
- YARN Memory: 0.0% used
- NameNode RPC: 0.20 ms

At the top right, there is a user menu with options: About, Manage Yava, Settings, and Logout. A 'Metrics Action' dropdown and a 'Last' button are also present.



The screenshot shows the Apache Ambari web interface. At the top right, there are status icons (green, yellow, red) and user information ('Admin'). Below the header, there's a navigation bar with links: 'Clusters' (YAVA), 'Views', 'User + Group Management' (with 'Users' and 'Groups' sub-links), and 'Remote Controls'. The main content area is titled 'Welcome to Apache Ambari' with the sub-section 'Operate Your Cluster'. It includes a large cloud icon and two buttons: 'Manage Roles' and 'Go to Dashboard'. To the right, there are two more sections: 'Manage Users + Groups' (with 'Users' and 'Groups' buttons) and 'Deploy Views' (with a grid icon and 'Views' button). A footer at the bottom of the page contains the YAVA logo and the text 'YAVA - Yet Another Ambari'.

This screenshot shows the 'User Settings' dialog box overlaid on the Ambari dashboard. The dialog has a title 'User Settings' and a 'General' section containing a checkbox: 'Do not show the background operations dialog when starting an operation'. Below it is a 'Local' section with a 'Timezone' dropdown set to '(UTC+07:00 DAVT) Antarctica / Davis'. A note below the dropdown states: 'This user is an Ambari Admin and has all privileges.' At the bottom of the dialog are 'CANCEL' and 'SAVE' buttons. The background of the dashboard shows various metrics like 'NameNode Heap', 'Network Usage', 'HDFS Disk Usage', and 'Cluster Load' with corresponding graphs and data. The left sidebar of the dashboard includes sections for 'Services' (HDFS, YARN, MapReduce2, ZooKeeper, Infra Solr, Ambari Metrics), 'Hosts', 'Alerts', and 'Cluster Admin' (Stack and Versions, Service Accounts, Kerberos, Service Auto Start).

## 8. Halaman Notifications

**NOTIFICATIONS**  
(1 Critical or Warning Alerts)

Service/Host	Alert Definitions	Status
HDFS	Percent DataNodes Available affected:[2] total:[2]	<b>CRIT</b> For 13 Days

[Go to Alerts Definitions](#) OK

Items per page : 10 | 1 - 10 of 38 ← →

## 9. Halaman *Background Operations*

**BACKGROUND OPERATIONS**  
(1 Background Operations Running)

Operations	Status	User	Start Time	Durations
✓ Start All Service	<span style="background-color: green; width: 100%;"> </span>	admin	Fri, Sep 07 2018, 15:11	1h 5m 20s
⚠ Stop All Service	<span style="background-color: black; width: 100%;"> </span>	admin	Fri, Sep 07 2018, 19:00	20m 5s
🌐 Stop Infra Solr	<span style="background-color: blue; width: 50%;"> </span>	admin	Wed, Sep 19 2018, 16:30	15 m 22s
⌚ Start Ambari Metrics	<span style="background-color: grey; width: 100%;"> </span>	admin	Mon, Sep 25 2018, 13:11	2m40s
✗ Start Infra Solr	<span style="background-color: red; width: 100%;"> </span>	admin	Wed, Sep 19 2018, 12:30	3 m
⌚ Stop Ambari Metrics	<span style="background-color: orange; width: 100%;"> </span>	admin	Mon, Sep 25 2018, 18:00	12s

OK

Items per page : 10 | 1 - 10 of 38 ← →

The screenshot shows the YAVA (Yet Another Ambari View) interface. On the left, there's a sidebar with navigation links: Dashboard, Services (HDFS, YARN, MapReduce2, ZooKeeper, Infra Solr, Ambari Metrics), Hosts, Alerts, Cluster Admin (Stack and Versions, Service Accounts, Kerberos, Service Auto Start). The main area has tabs: METRICS, HEATMAPS, CONFIG HISTORY. Under METRICS, it shows 'BACKGROUND OPERATIONS' with 1 Background Operations Running. A modal window is open, listing operations: Start All Service (green bar, admin, Fri, Sep 07 2018, 15:11), Stop All Service (black bar, admin, Fri, Sep 07 2018, 19:00), Stop Infra Solr (blue bar, admin, Wed, Sep 19 2018, 16:30), Start Ambari Metrics (grey bar, admin, Mon, Sep 25 2018, 13:11, 2m40s), Start Infra Solr (red bar, admin, Wed, Sep 19 2018, 12:30, 3 m), and Stop Ambari Metrics (orange bar, admin, Mon, Sep 25 2018, 18:00, 12s). A dropdown menu shows filter options: ALL (10) with sub-options: ALL (10), Pending (0), In Progress (1), Failed (0), Success (9), Aborted (0), Timed Out (0). An 'OK' button is at the bottom right of the modal. Below the operations, there's a table for configurations: V1 Ambari Metrics Default (Fri, Sep 07 2018, 15:45, Admin, Initial Configuration for Ambari Metrics) and V3 HDFS Default (Fri, Sep 07 2018, 15:58, Admin, -). At the bottom, it says 'Items per page : 10 | 1 - 10 of 38'.

## 10. Halaman Views

The screenshot shows the 'Views' section of the YAVA interface. The top header includes the YAVA logo, user status (Admin), and notification icons. Below the header, the text 'No Views' is centered on the page.