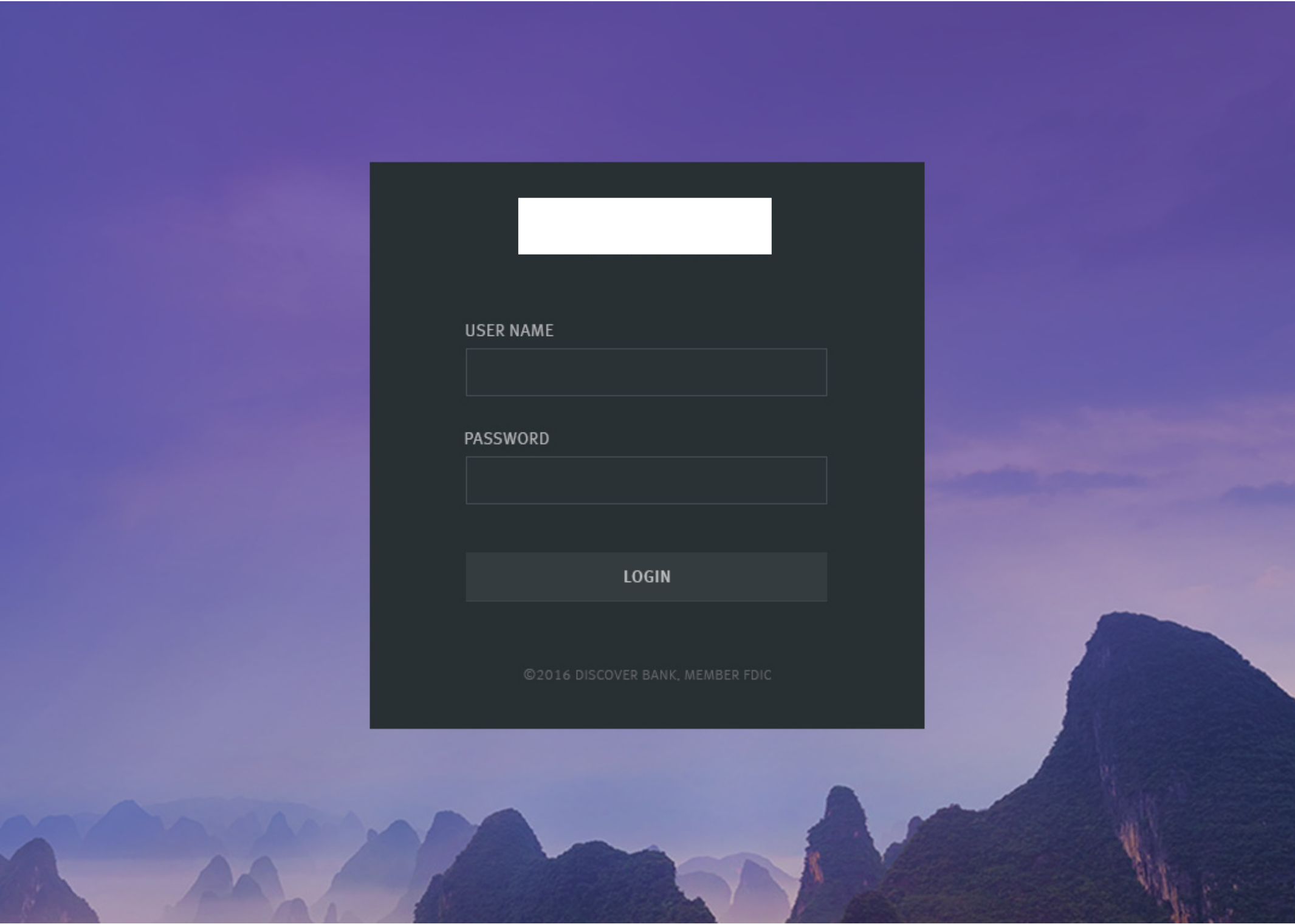


Login

Screen

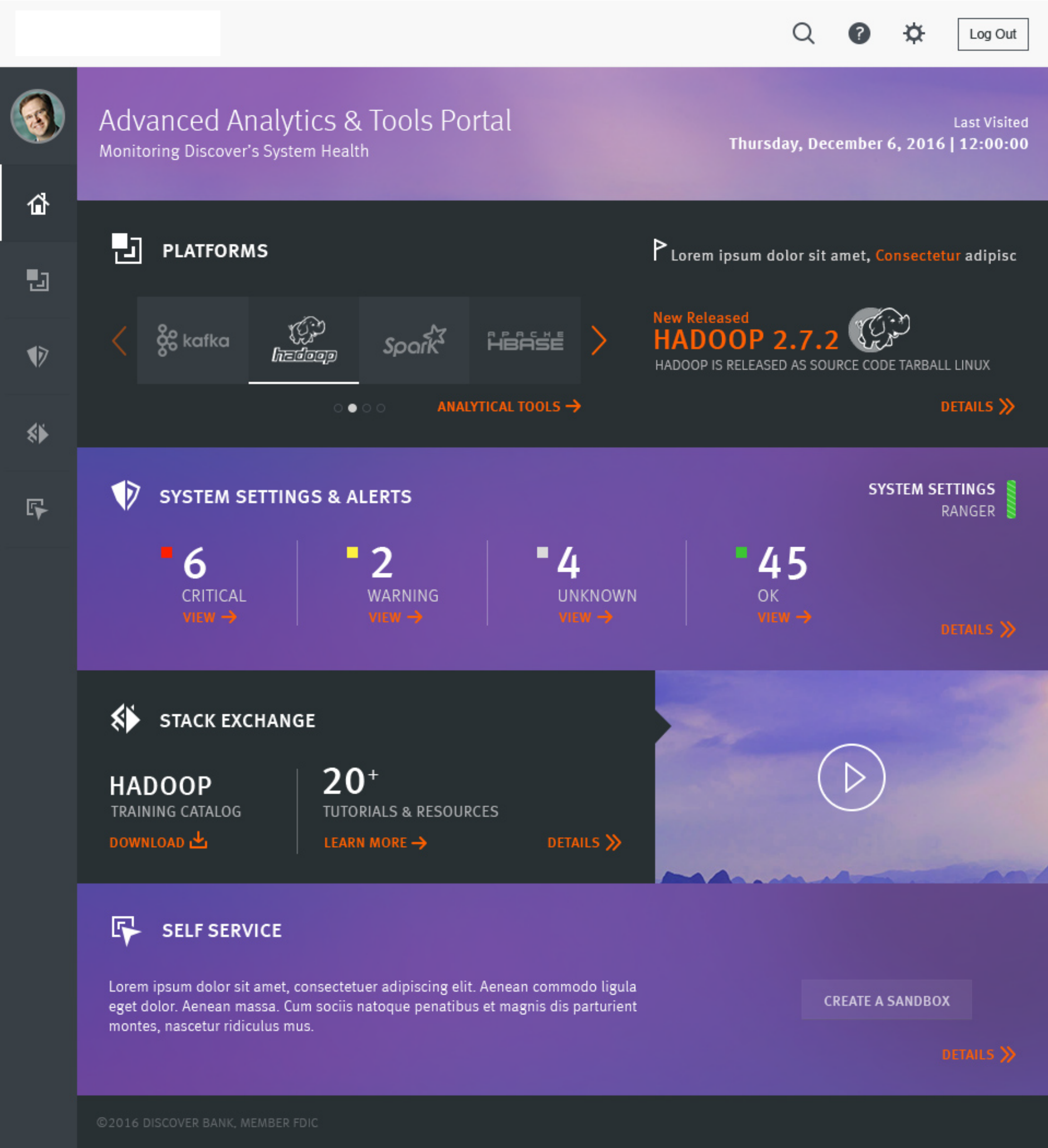


Notes

- 1. Login page for the user to get inside the portal.
- 2. Login Screen will only appear if the user has not logged in through the Single Sign On (SSO)
- 3. If user is accessing the Login Screen from external server then the user has to enter the discover credentials.

Dashboard

Screen



Notes

- This page will gives a quick overview about different application in a glance & access to each application.
1. TOP NAVIGATION
 - Company logo
 - Search option- On clicking search icon, relative text field will appear, user can search application relative information by typing combination of different keywords.
 - Help
 - Settings
 - Logout
 2. User Profile
 - Portal Name
 - User has an option to see recent historical update for example - User will have information when he/she visited to this portal to track own movement.
 3. Left Navigation
 - This is a combinations of 'application quick links' which helps user user to navigate from different applications also help to know which application he/she is in.
 - Contains quick links for
 - a) HOME
 - b) PLATFORMS
 - c) SYSTEM SETTINGS & ALERT
 - d) STACK EXCHANGE
 - c) SELF SERVICE.
 4. HOME - On clicking user will navigate to dashboard page, if any of the application is in expanded mode.

Dashboard

Screen



Advanced Analytics & Tools Portal

Monitoring Discover's System Health

Thursday, December 6, 2016 | 12:00:00

Last Visited

PLATFORMS

SYSTEM SETTINGS & ALERTS

ANALYTICAL TOOLS

STACK EXCHANGE

SELF SERVICE

NEW RELEASED

HADOOP 2.7.2

HADOOP IS RELEASED AS SOURCE CODE TARBALL LINUX

6

CRITICAL

VIEW

2

WARNING

VIEW

4

UNKNOWN

VIEW

45

OK

VIEW

HADOOP

TRAINING CATALOG

DOWNLOAD

20+

TUTORIALS & RESOURCES

LEARN MORE

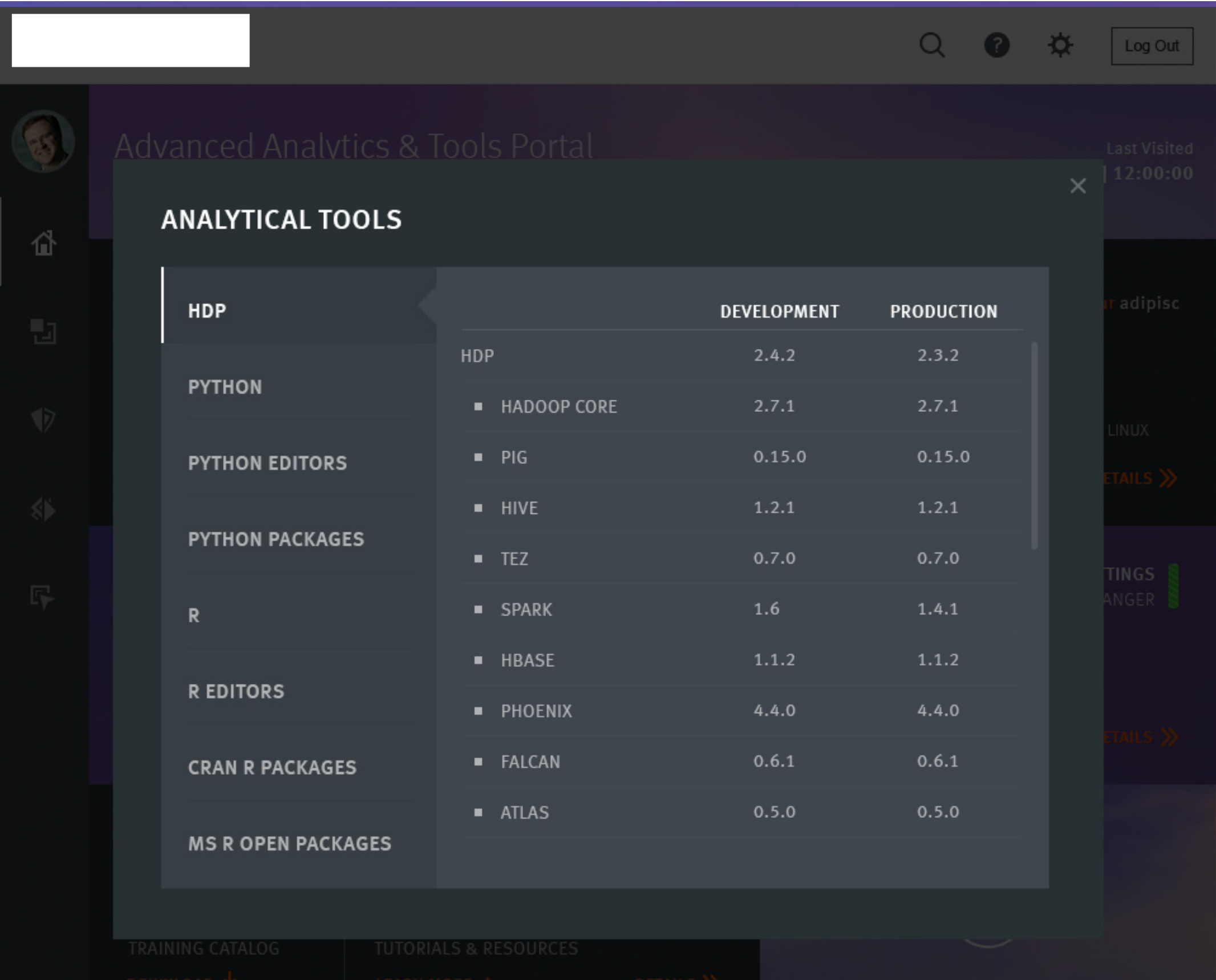
CREATE A SANDBOX

Notes

- 1. User can hover on the left navigation icons to see the name of the section
- 2. User can click on the icon to expand the respective section.

Modal Window

Screen

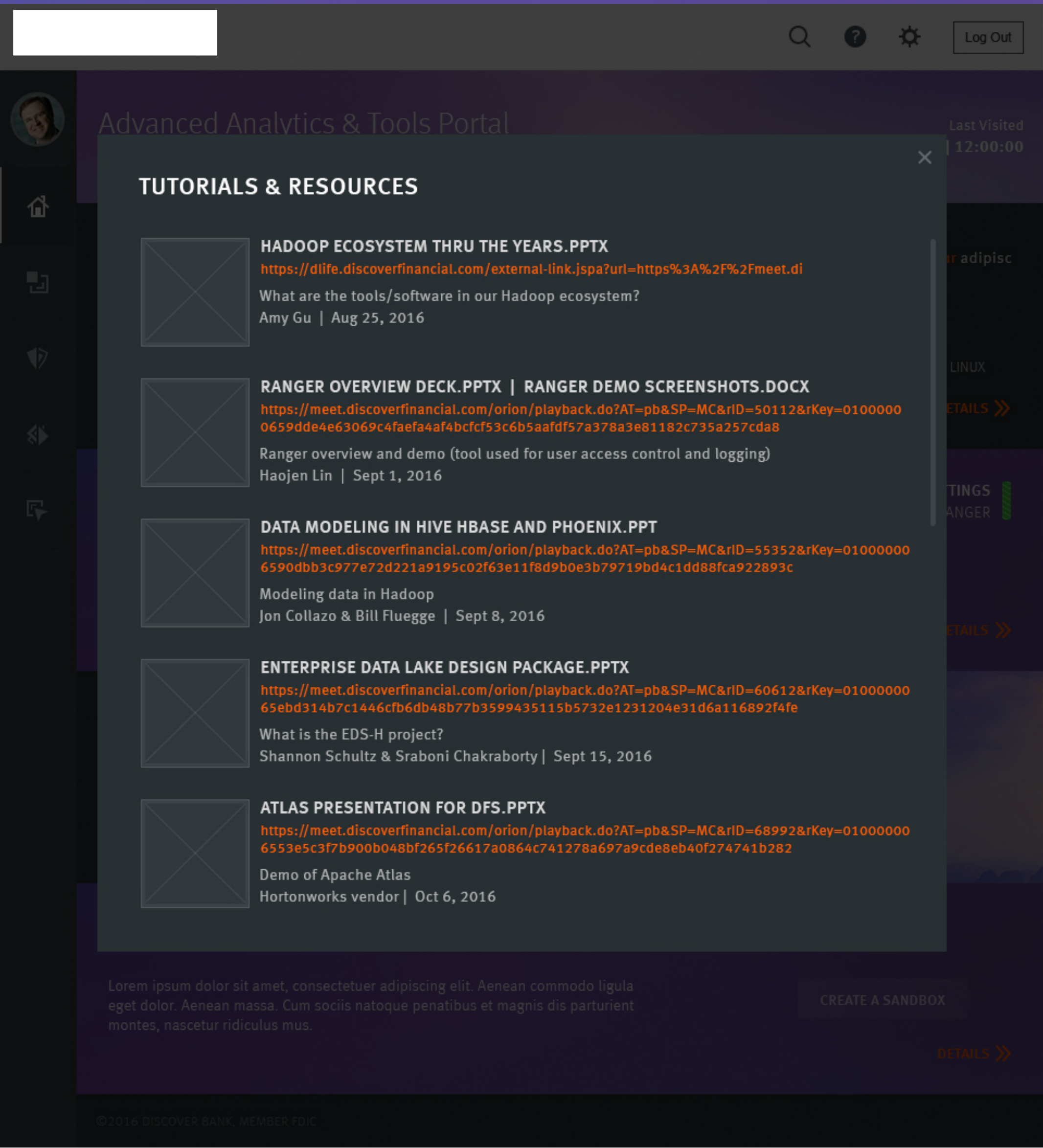


Notes

1. User can see this modal window by clicking on the analytical tools link on the platform section.
 - It displays an index table showing which tools, versions installed on Development and Production environments
2. User can view the list of all the platforms and on the left of the screen.
3. After selecting one of the platform user can see the respective list of all the versions for the development and production servers on the right side of the screen.

Modal Window

Screen



Notes

1. User land up on this window from the stack exchange section to see a general tutorials and resources fro the education purpose for various topics.
2. User can click on any link and will be directed to the respective page out of the application to see more details of that topic.

Dashboard

Screen



Advanced Analytics & Tools Portal

Monitoring Discover's System Health

Last Visited

Thursday, December 6, 2016 | 12:00:00

PLATFORMS

kafka

hadoop

spark

APACHE HBASE

<

>

ANALYTICAL TOOLS →

DETAILS >>

SYSTEM SETTINGS & ALERTS

SYSTEM SETTINGS

RANGER

6

CRITICAL

VIEW →

2

WARNING

VIEW →

4

UNKNOWN

VIEW →

45

OK

VIEW →

DETAILS >>

STACK EXCHANGE

42% of Hadoop Training Catalog Downloaded

VIEW

CANCEL

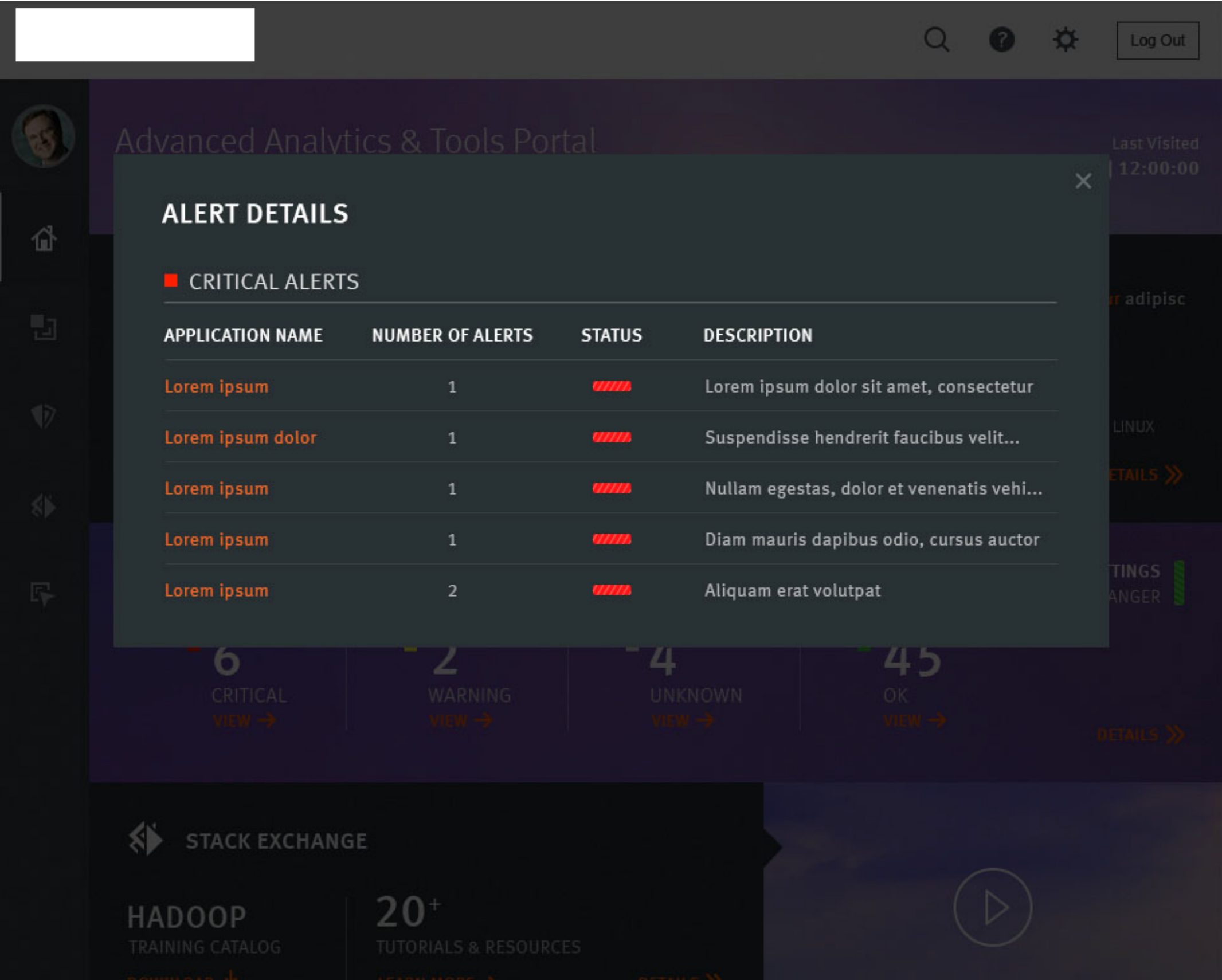
×

Notes

- 1. User can download the latest training file directly from the dashboard and see the status of the download at the bottom of the screen
- 2. User can simultaneously access the screen while the file is downloaded.

Modal Window

Screen



Notes

1. User can view this modal window from the System Setting and Alert section directly by clicking on the view link of a particular alert.
2. This window will only display the application name, the number of alerts, the status and the description of the that particular alert.

Detail

Screen

[illegible]

Notes

User can access the detail summary of each section by clicking on the detail link and it get expanded on the same page.

A collection of relevant performance and capacity metrics about Discover's Hadoop platform;

1. New Zipper will give a global message.
2. Platform Carousel Displays all the platform allowa user to select once to see the details in the expanded view.
3. Banner to display the latest release of any platform.

- #### 4. Environment Status
- this status will give the overall health of the Hadoop environment .
 - Explore all component health will give the list of all components and their status.
 - Business rule need to be set to decide the overall health.

- ## 5. Current
- User can view the current data for
 - Disk Usage
 - CPU Usage
 - Disk Storage
 - User can View the current data for Concurrent App Running, Concurrent Users Online and Total jobs running.

Warning Icon

- Thresholds for Warning messaging:
 - 0-80% = green;
 - 81-90 = yellow;
 - 90+= red

- ## 6. Top Consumers
- User can view list of consumers for
 - Disk Usage
 - CPU Usage
 - Disk Storage
 - Memory Usage

Depending which host they belong to. user can also view the capacity consumer at the host level by these consumers (Applications)

7. Current Network Usage and Current Memory Usage Data is displayed with the current usage data. The data visuals will also show
- Average Usage
 - Highest Usage
 - Current Usage

Details will take the user to a modal window with all the details ,

Detail

Screen

[illegible]

Notes

User can access the detail summary of each section by clicking on the detail link and it get expanded on the same page.

PLATFORM

A collection of relevant performance and capacity metrics about Discover's Hadoop platform;

1. Environment Status
 - this status will give the overall health of the Hadoop environment .
 - Explore all component health will give the list of all components and their status.
 - Business rule need to be set to decide the overall health.

- ## 2. Current
- User can view the current data for
 - Disk Usage
 - CPU Usage
 - Disk Storage

- User can View the current data for Cuncurrent App Running, Cuncurrent Users Online and Total jobs running.

Warning Icon

- Thresholds for Warning messaging:
0-80% = green;
81-90 = yellow;
90+= red

- ### 3. Top Consumers
- User can view list of consumers for
 - Disk Usage
 - CPU Usage
 - Disk Storage
 - Memory Usage

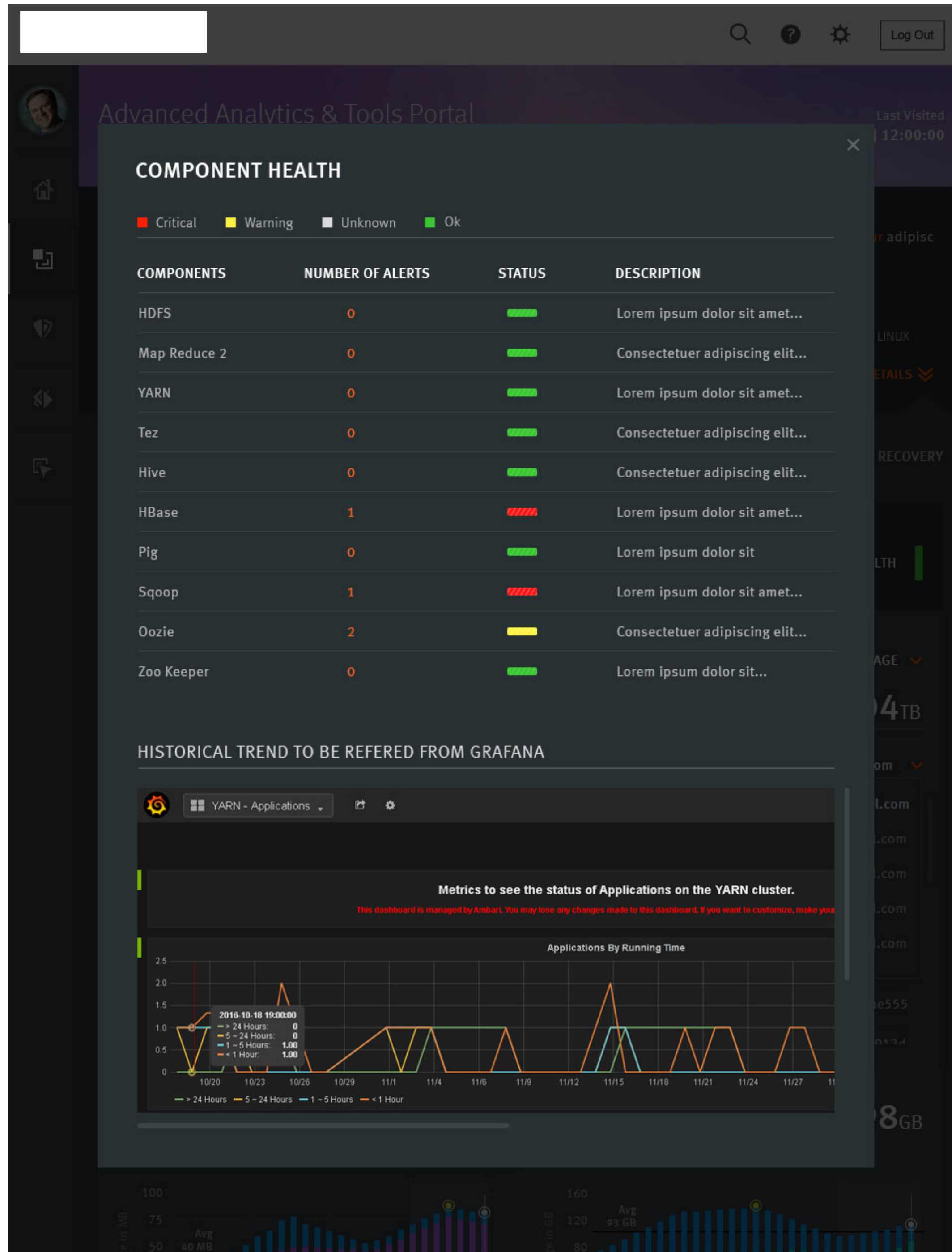
Depending which host they belong to. user can also view the capacity consumer at the host level by these consumers (Applications)

4. Current Network Usage and Current Memory Usage Data is displayed with the current usage data. The data visuals will also show
- Average Usage
 - Highest Usage
 - Current Usage

Details will take the user to a modal window with all the details ,

Modal Window

Screen



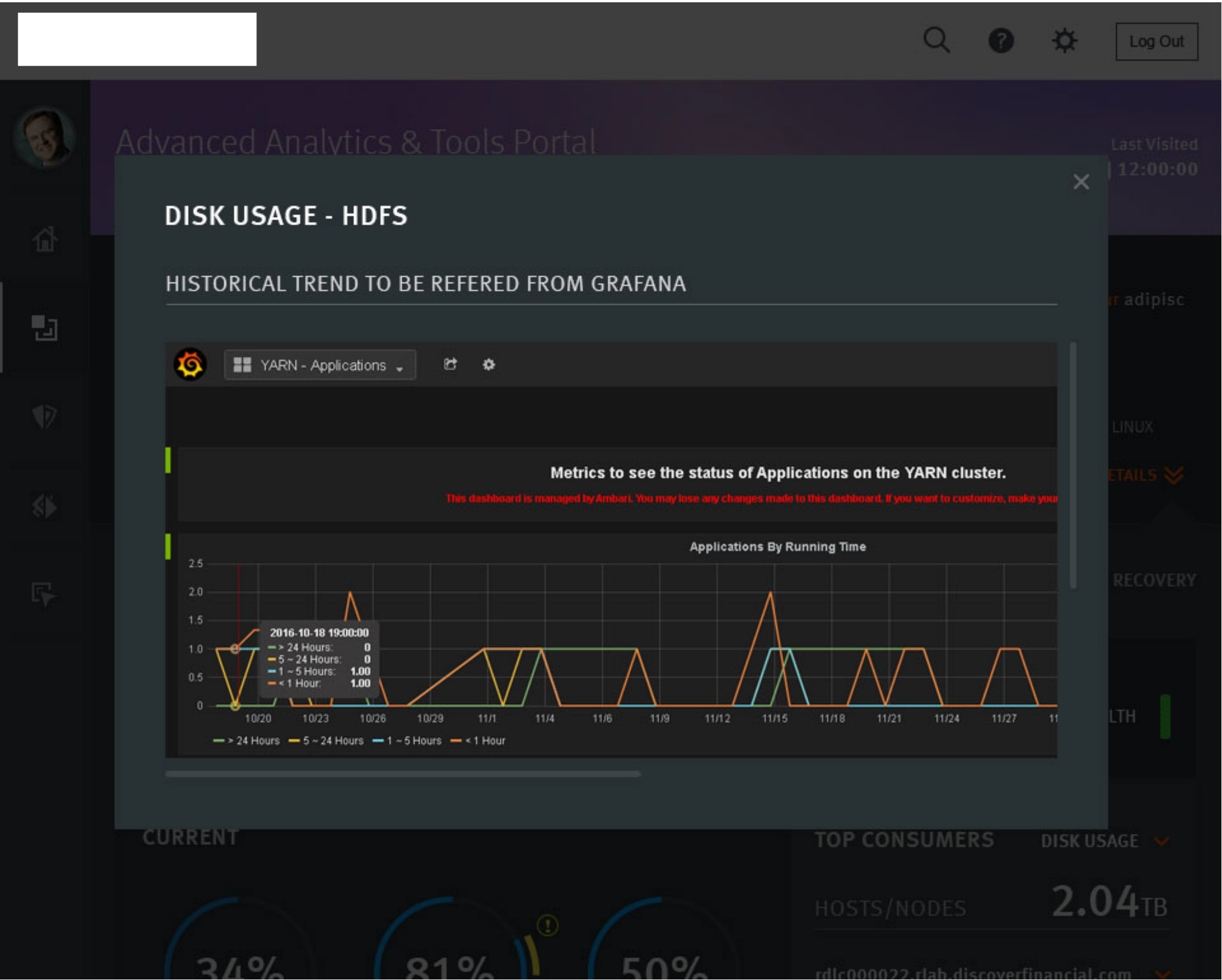
Notes

1. Component Health
 - Explore all component health will give the list of all components and their status from the summary screen of the Platform.
 - Business rule need to be set to decide the overall health.
 - List of all the components is displayed and user can view the individual status of each component, Number of alerts and the description of the alerts.

The modal window will also display the historical trend of the components health.
This will be displayed via grafana screen.

Modal Window for Grafana

Screen

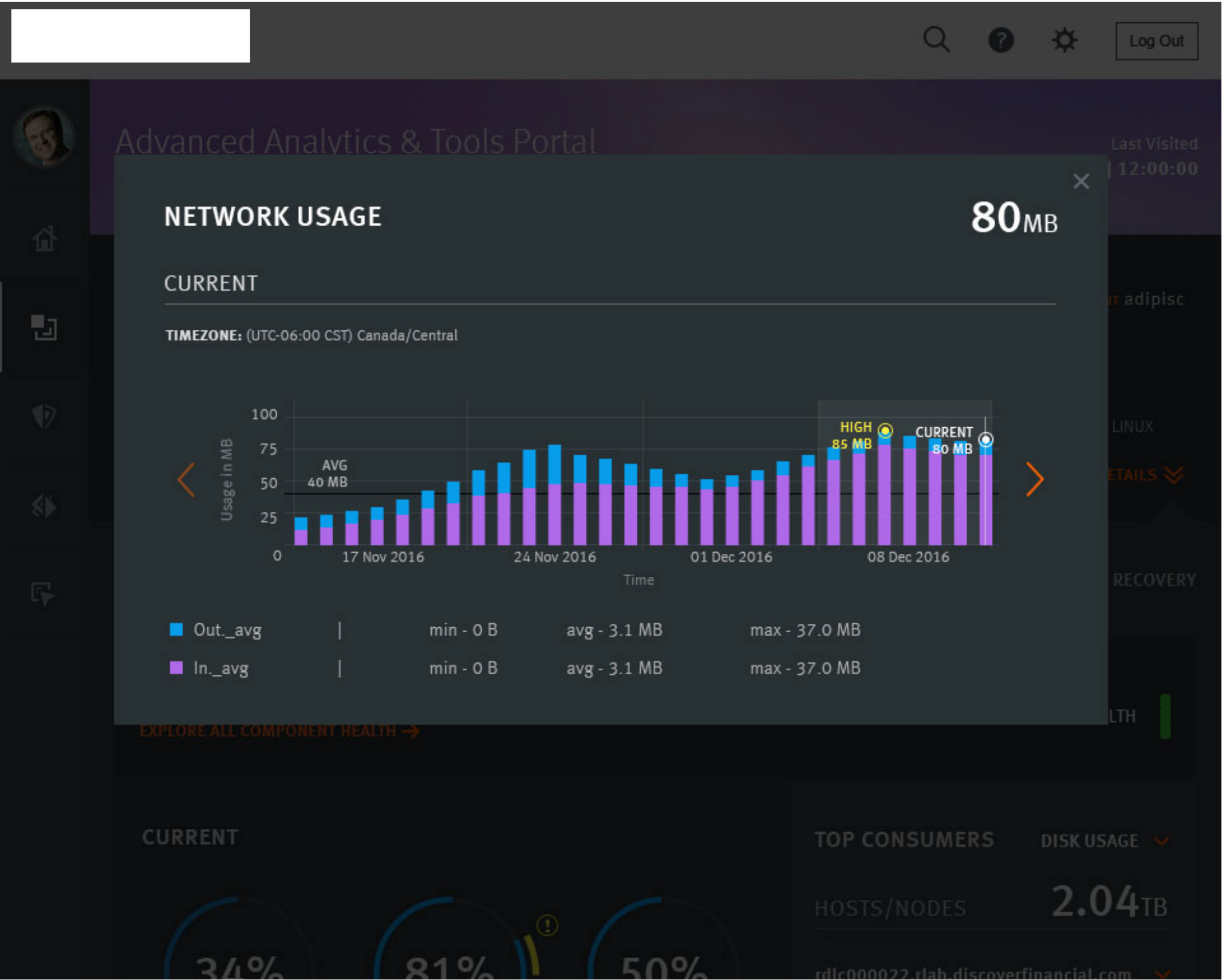


Notes

- 1. Historical Trend
 - The modal window will also display the historical trend of the Disk Usage.
- This will be displayed via grafana screen.

Modal Window

Screen

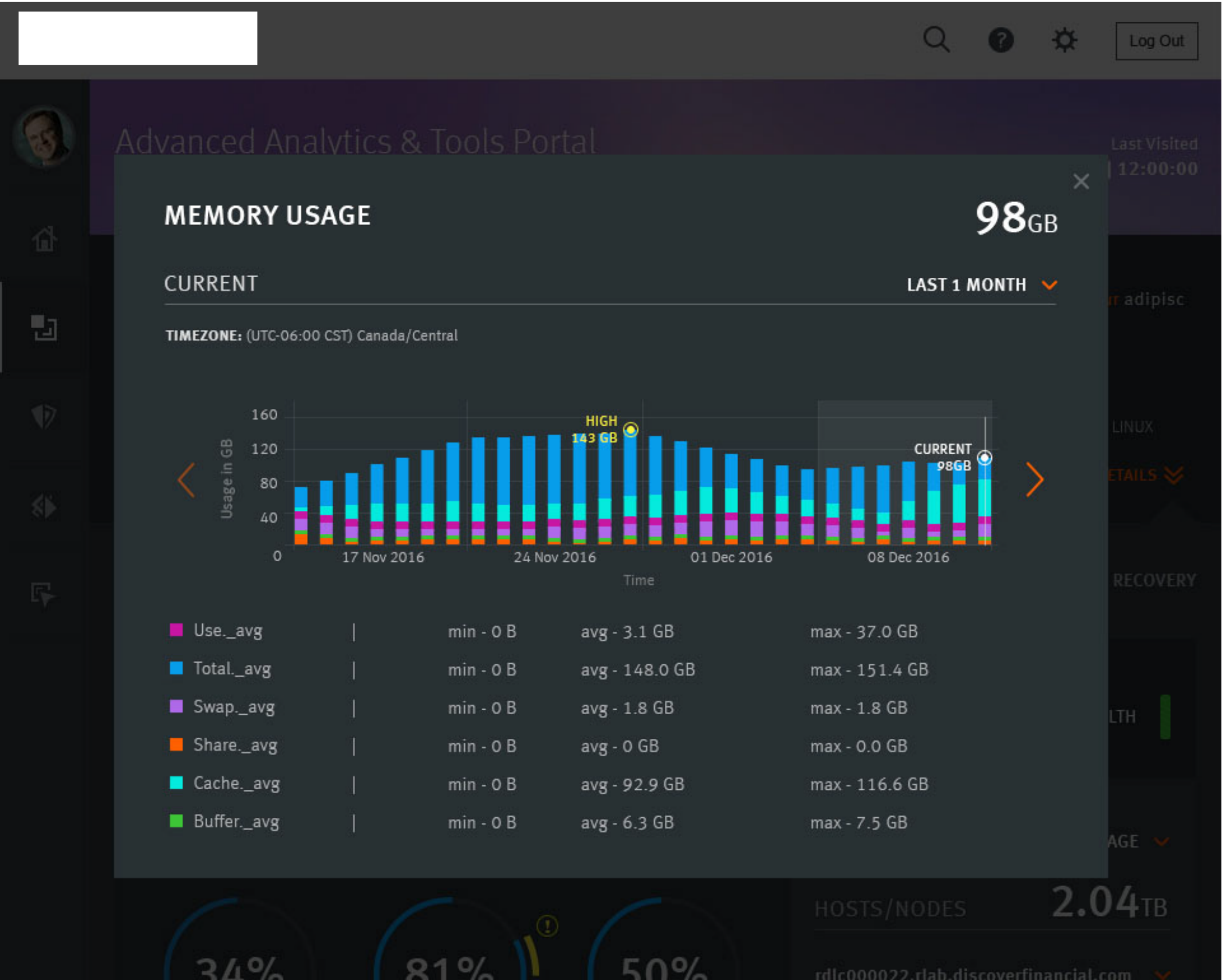


Notes

1. Network usage modal window
 - Network Usage is displayed with the current usage data. The data visuals will also show
 - Average Usage
 - Highest Usage
 - Current Usage
- User can also hover on the bar to see the respective usage dynamically.

Modal Window

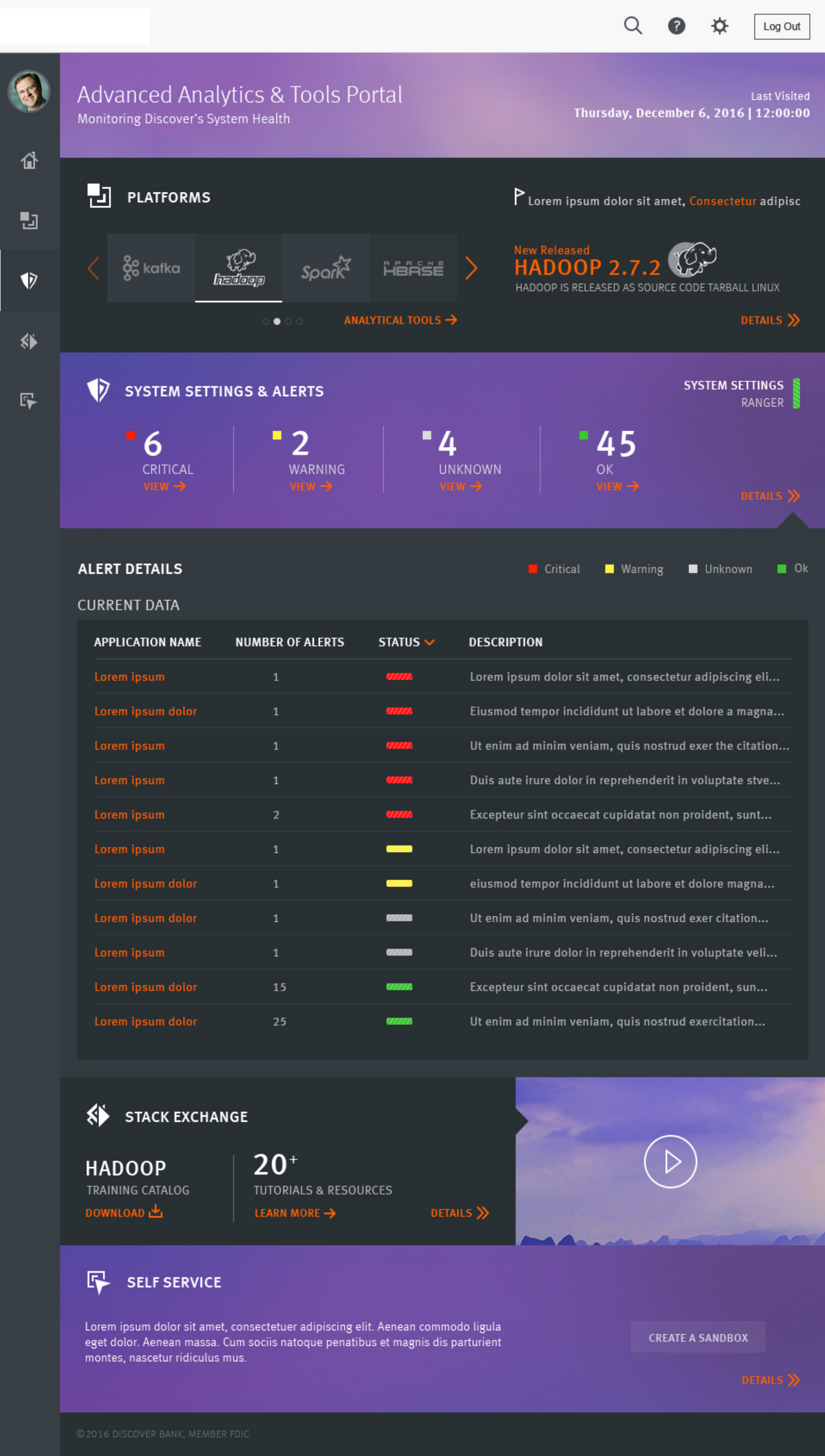
Screen



Notes

1. Memory usage modal window
 - Memory Usage is displayed with the current usage data. The data visuals will also show
 - Average Usage
 - Highest Usage
 - Current Usage

User can also hover on the bar to see the respective usage dynamically.



Notes

User can access the detail summary of each section by clicking on the detail link and it get expanded on the same page.

SYSTEM SETTINGS AND ALERTS
A destination to check the status of security and system settings that might have resulted from recent system or software upgrades

1. System Settings
The three states are
Ranger
SQLStdAuth
None
- When system state
Ranger / SQLStdAuth - display green bar.
None - display red bar

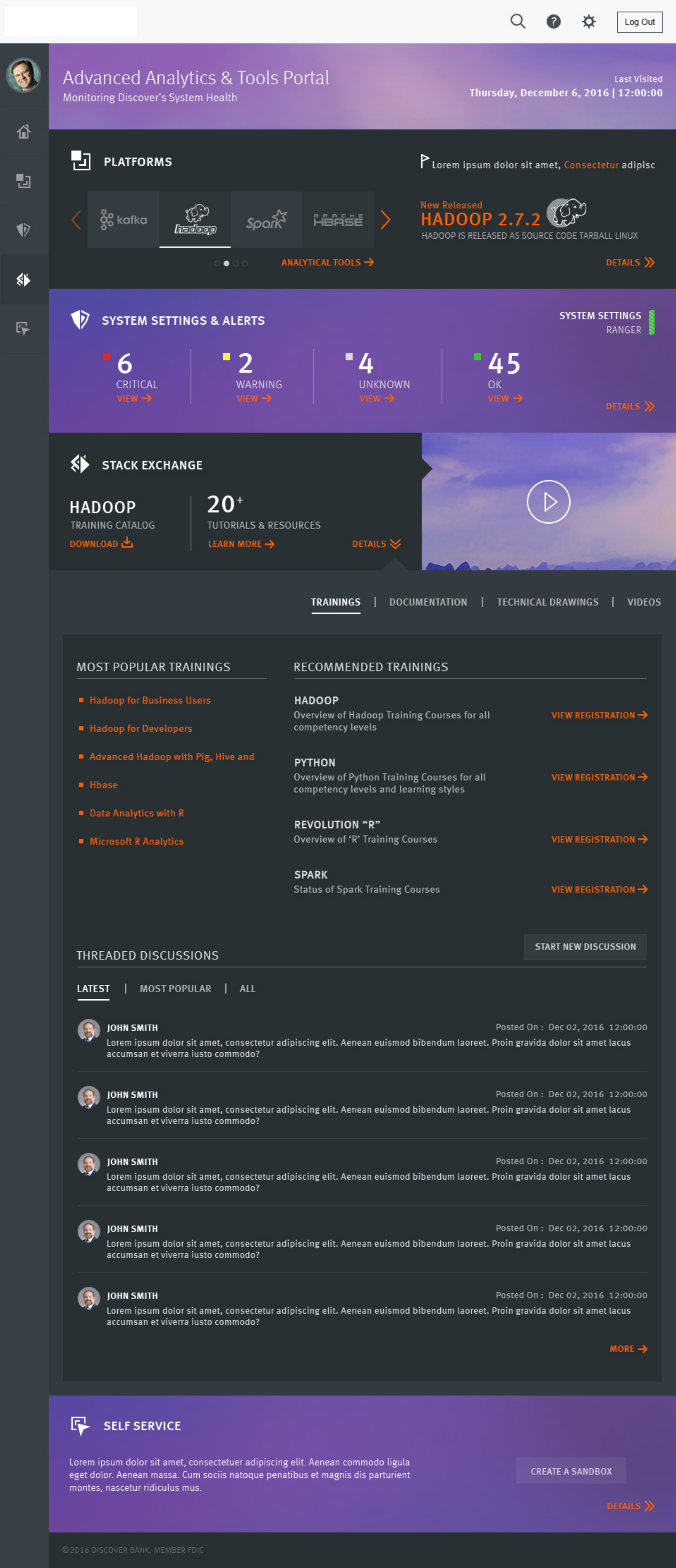
2. Alerts
- Status displays
Critical / Warning / Unknown/ OK
with different colors. User can view the details in the modal window for that particular alert.

3. Alerts Details
- User can view the current data for
- Applications
- Number of Alerts
- Status (Severity)
- Description about the application.
- User can filter the data according to the status of the application.

Screen

<

Screen



Notes

User can access the detail summary of each section by clicking on the detail link and it get expanded on the same page.

1. STACK EXCHANGE
A broad collection of links for users that point to various resource destinations as below
a) Training
b)Documentation
c)Technical Drawings
d)Videos
- 2.Under ‘Trainings’ Tab, user can check Most Popular & Recommended Trainings.
3. User can able to View Registartion on external link once he/she clicks on ‘View Registration’ Link.
- 4.Threaded Discussion is available in Three Views : Latest, Most Popular & All
5. User can check any Discussion with all threads of comments by clicking on any posted question.
6. Start New Discussion Button is available to Start New Discussion.
7. ‘More’ Link gives a facility to View More Listed Discussions.

Screen

Advanced Analytics & Tools Portal

Monitoring Discover’s System Health

Thursday, December 6, 2016 | 12:00:00

Last Visited

PLATFORMS

Placeholder text: Lorem ipsum dolor sit amet, Consectetur adipisc

kafka

hadoop

spark

APACHE HBASE

ANALYTICAL TOOLS →

New Released

HADOOP 2.7.2

HADOOP IS RELEASED AS SOURCE CODE TARBALL LINUX

SYSTEM SETTINGS & ALERTS

SYSTEM SETTINGS RANGER

6

CRITICAL

VIEW →

2

WARNING

VIEW →

4

UNKNOWN

VIEW →

45

OK

VIEW →

DETAILS >>

STACK EXCHANGE

HADOOP

TRAINING CATALOG

DOWNLOAD

20+

TUTORIALS & RESOURCES

LEARN MORE →

DETAILS >>

TRAININGS | DOCUMENTATION | TECHNICAL DRAWINGS | VIDEOS

MOST POPULAR TRAININGS

Hadoop for Business Users

Hadoop for Developers

Advanced Hadoop with Pig, Hive and Hbase

Data Analytics with R

Microsoft R Analytics

RECOMMENDED TRAININGS

HADOOP

Overview of Hadoop Training Courses for all competency levels

VIEW REGISTRATION →

PYTHON

Overview of Python Training Courses for all competency levels and learning styles

VIEW REGISTRATION →

REVOLUTION “R”

Overview of ‘R’ Training Courses

VIEW REGISTRATION →

SPARK

Status of Spark Training Courses

VIEW REGISTRATION →

START NEW DISCUSSION

THREADED DISCUSSIONS

LATEST | MOST POPULAR | ALL

JOHN SMITH

Posted On : Dec 02, 2016 12:00:00

Placeholder text: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean euismod bibendum laoreet. Proin gravida dolor sit amet lacus accumsan et viverra justo commodo?

DAVID ROGERS

Posted On : Dec 03, 2016 11:00:00

Placeholder text: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Erat enim Polemonis. Nunc agendum est subtilius. Huic mori optimum esse propter desperationem sapientiae, illi propter spem vivere. Et harum quidem rerum facilis est et expedita distinctio. Quae in controversiam veniunt,

ARAL BALKAN

Posted On : Dec 03, 2016 11:00:00

Placeholder text: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Erat enim Polemonis. Nunc agendum est subtilius. Huic mori optimum esse propter desperationem sapientiae, illi propter spem vivere. Et harum quidem rerum facilis est et expedita distinctio. Quae in controversiam veniunt, de iis, si placet, disseramus. Tollenda est atque extrahenda radicitus. Quodsi ipsam honestatem undique perfectam atque absolutam.

DAVID WILLIAMS

Posted On : Dec 3, 2016 14:40:00

Add a comment...

← BACK TO LIST

POST COMMENT

SELF SERVICE

Placeholder text: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean commodo ligula eget dolor. Aenean massa. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus.

CREATE A SANDBOX

DETAILS >>

©2016 DISCOVER BANK. MEMBER FDIC

Notes

1. User can check any discussion with all threads of comments by clicking on any posted question.

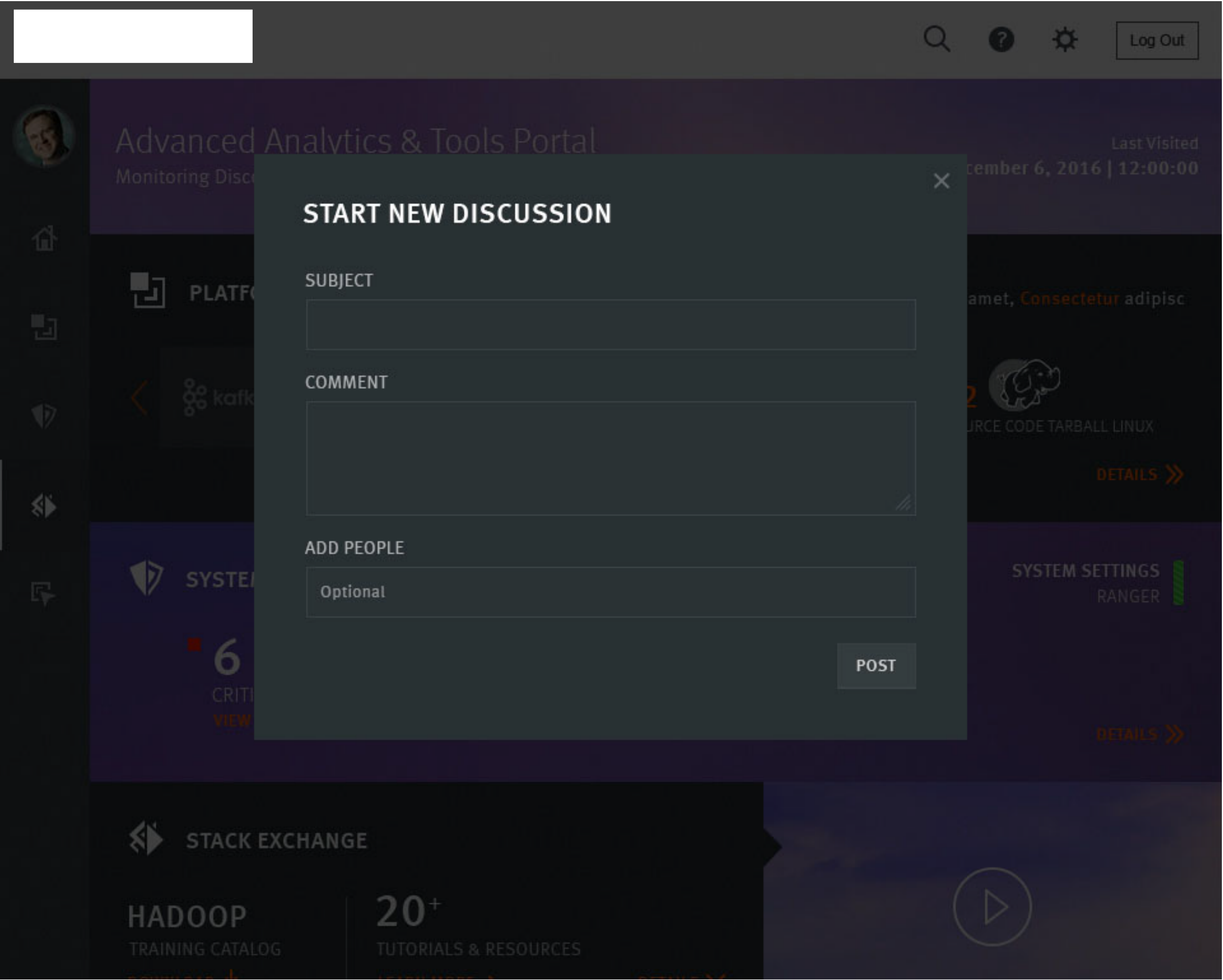
2. Logged in user can comment on respective discussion through comment box.

3. User can go back to discussion list on click of ‘Back to List’

4. ‘More’ Link provides a facility to View More Listed Discussions.

ModalWindow

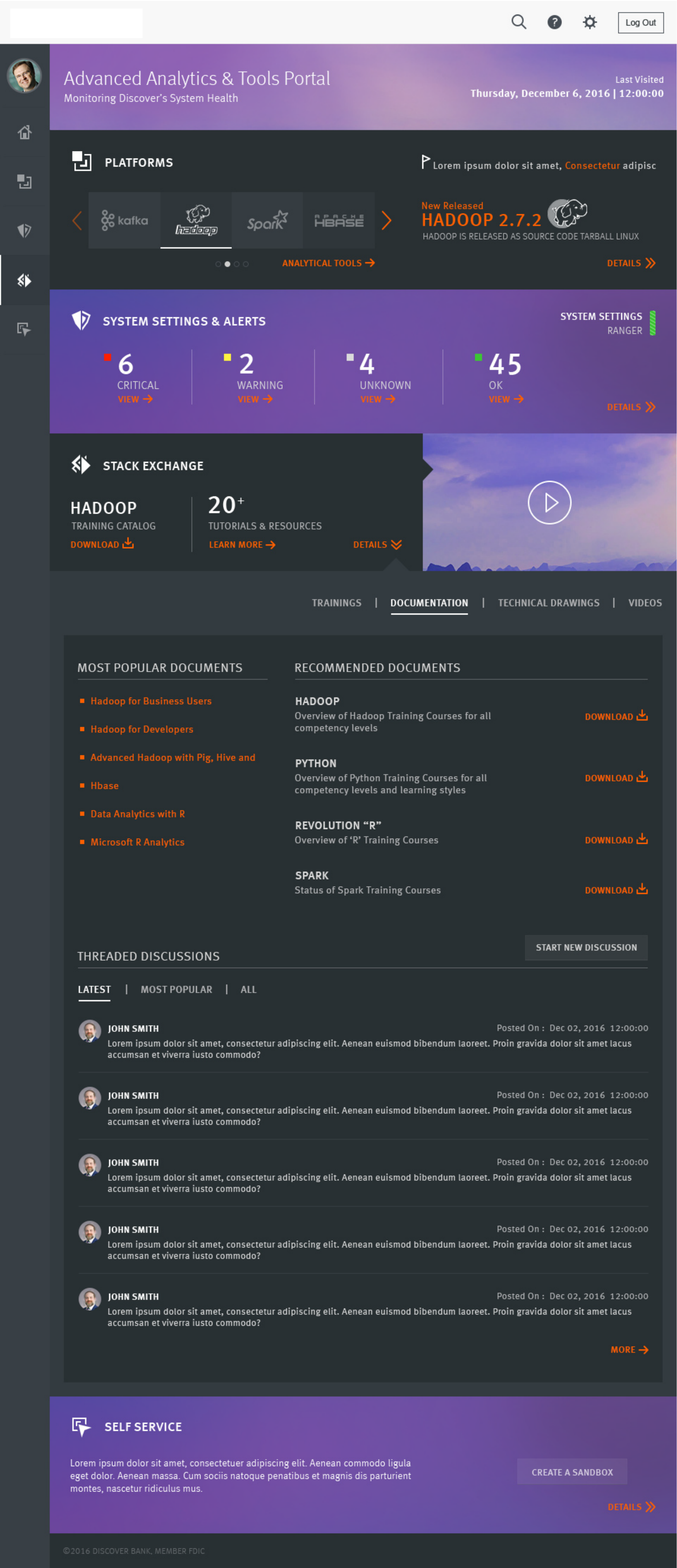
Screen



Notes

1. By clicking the 'Start New Discussion' button, user will get input fields for subject, comment & add people in an overlay format.
2. User can start new discussion by simply entering subject & comment.
3. Add people is the optional input field where user can invite/add people into respective discussion.

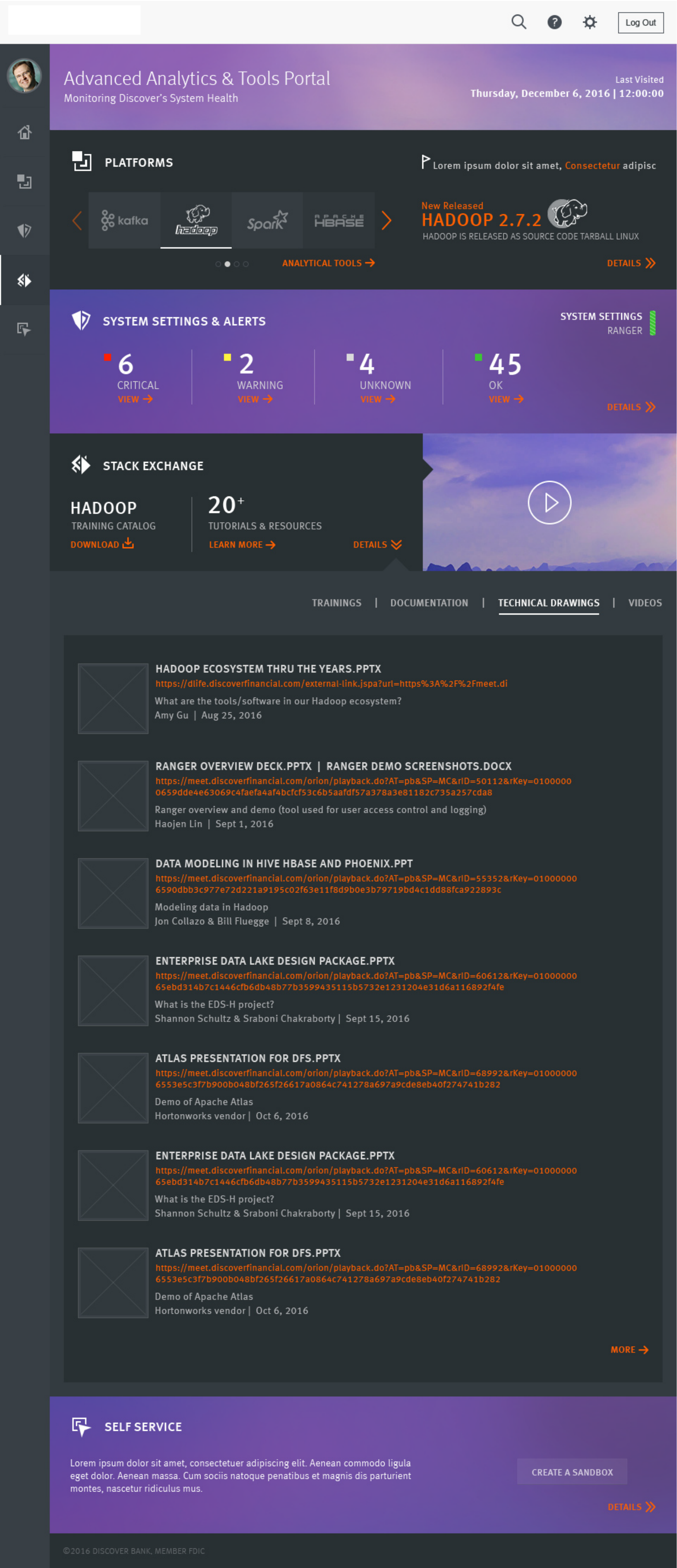
Screen



Notes

- 1.Under ‘Documentation’ Tab, user can check Most Popular & Recommended Documents.
2. User can able to View respective Document on click of Text Link under Most Popular Documents.
3. User can able to Download any Document on click of ‘Download’ Button
- 4.Threaded Discussion also available under Documentation with the same functionality.

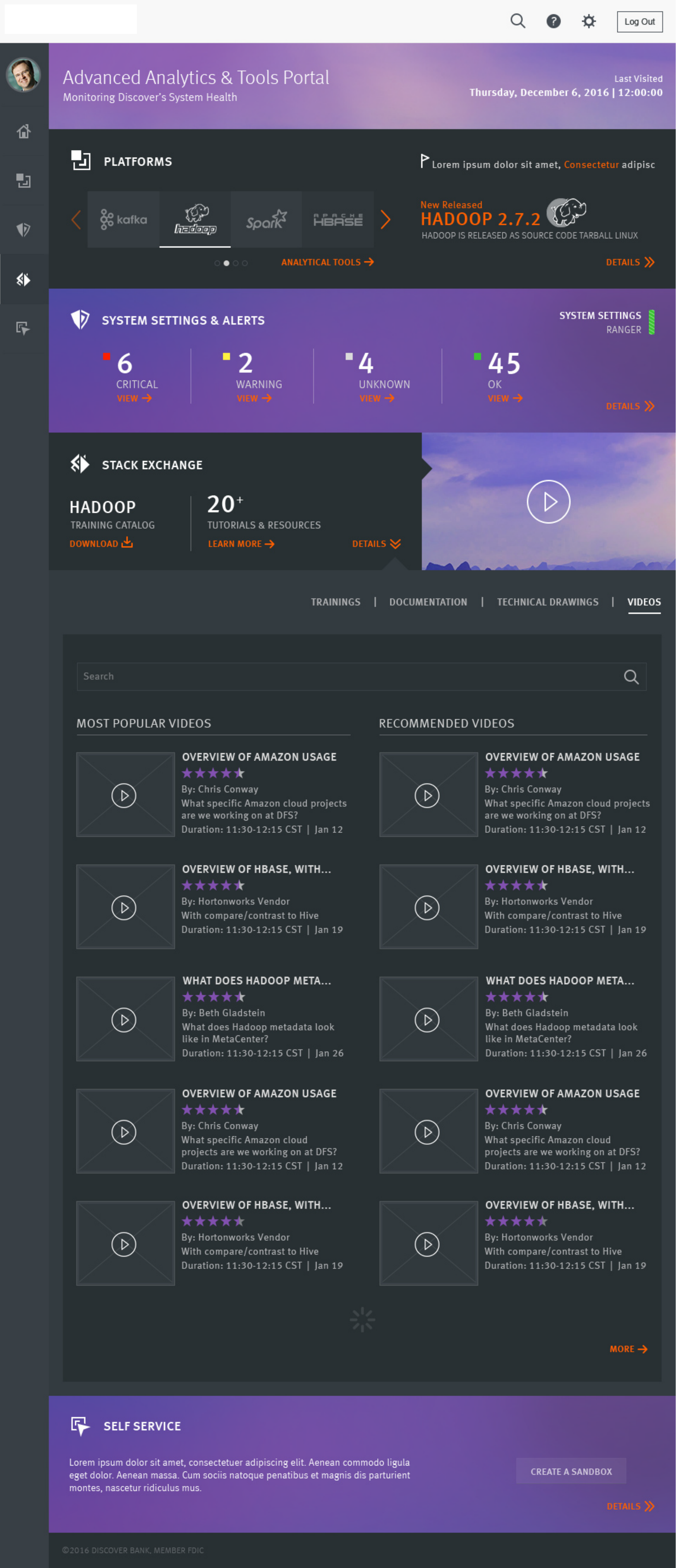
Screen



Notes

1. 'Technical Drawings' tab contains list of technical drawings documents with respective links

Screen

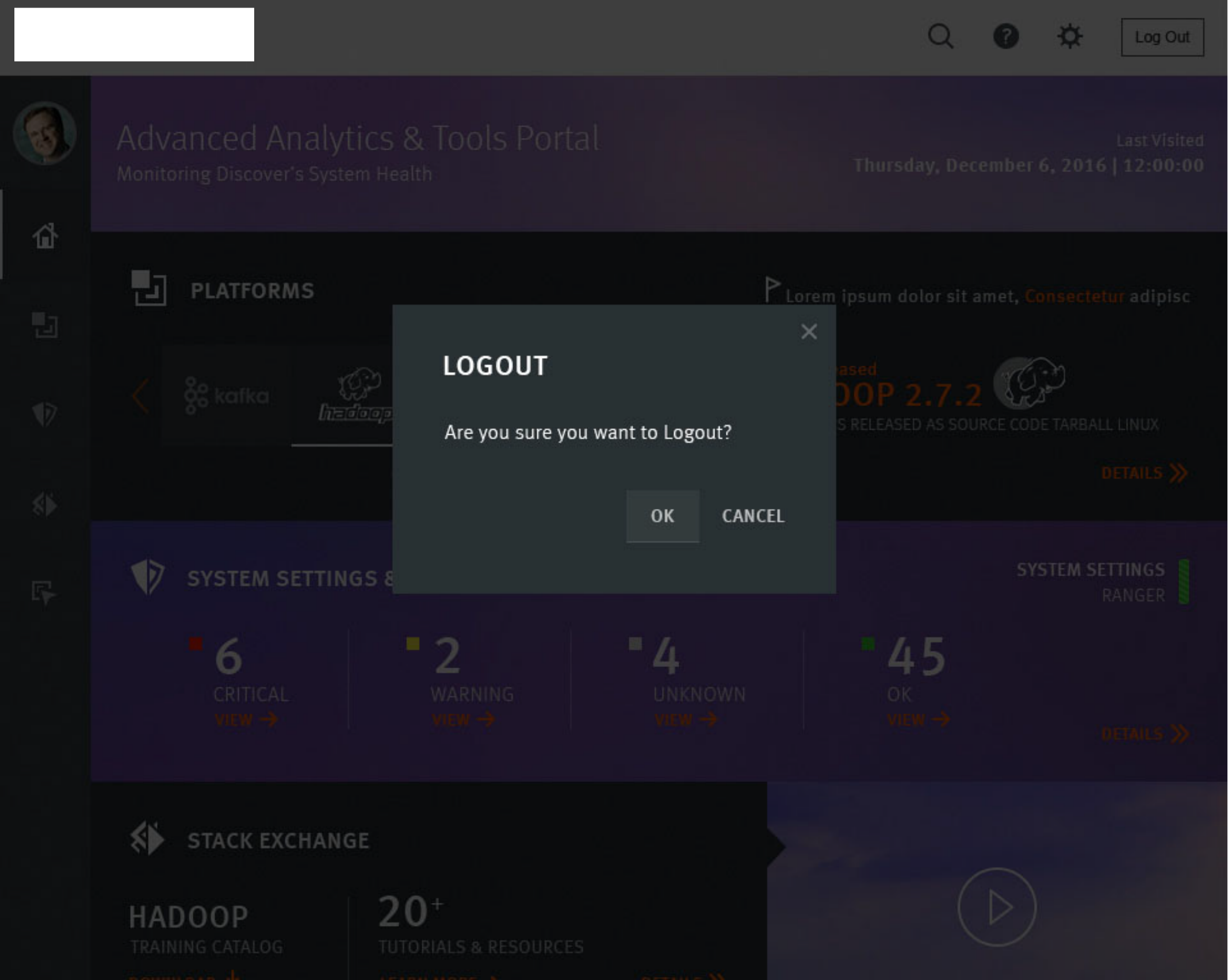


Notes

- 1. ‘Videos’ tab contains list of videos related to education series.
- 2. User can check most popular & recommended videos.
- 2. User can search video in available list by entering related keyword in search bar.

Logout

Screen



Notes

- 1. Logout modal window allows user to exit the application .