**The Power Of Knowing**

# CENTREON MBI 3.0 samples reports

English version

# Table of content

 *All details concerning report parameters and pre-requisites are available on the « Reports » chapter of the documentation.*

# Business Activity Monitoring ( BAM )

**BV-BA-Availabilities-1** This report displays availability and incidents statistics of business activities belonging to a business view. From page 2 of this report, the availability detail of each business activity is displayed on a full page.


## FOCUS ON APPLICATION AVAILABILITY

| Global DB Oracle Int... | DB-Oracle-Users | DB-Oracle-CRM | DB-Oracle-Accounting... |
|---|---|---|---|
| 94.69% | 98.07% | 98.34% | 98.35% |

Application are sorted by descending availability. Application with 100% availability are displayed on an alphabetic order.

## FOCUS ON UNAVAILABILITY TIME AND FAILURES

| | | |
|---|---|---|
| 1. Global DB Oracle Integrity | 38 h 20 min | 108 failures |
| 2. DB-Oracle-Users | 13 h 55 min | 37 failures |
| 3. DB-Oracle-CRM | 12 h 20 min | 38 failures |
| 4. DB-Oracle-Accounting | 12 h 15 min | 34 failures |

Application are sorted by descending unavailability time and failures. Application without an unavailability time are displayed on an alphabetic order.

## PERFORMANCE

### Reliability

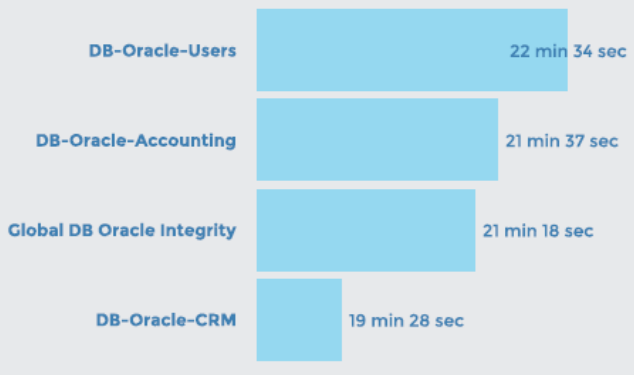
**or MEAN TIME BETWEEN FAILURE (MTBF)**

*It's the average time between alarms. This indicator enables you to analyze the recurence of failures on the applications. If the application is not available or no failure have been detected, the MTBF cannot be calculated.*

### Maintenability

**or MEAN TIME TO REPAIR SERVICE (MTRS)**

*It's the average time of the alarms resolution. This indicator eables you to analyze the time to repair the service after a failure. If no failure have been detected, the MTRS cannot be calculated.*

# AVAILABILITY

## DB-ORACLE-CRM

**Mar, 01 16 - Apr, 01 16** **24x7**

centreon business intelligence

**THE AVAILABILITY**
*Corresponds to the time when the application is working even in a degraded state.*

**98.34%** AVAILABILITY — 0.23

**THE UNAVAILABILITY**
*Corresponds to the time when the application was not accessible at all.*

**12 h 20 min** UNAVAILABLE TIME — -49 min

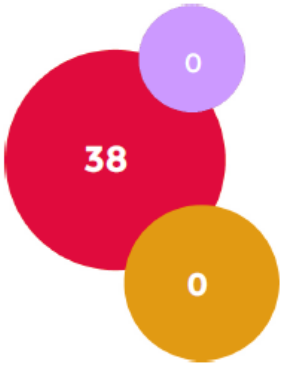
**DOWNTIME**
*Corresponds to the maintenance time programmed on the application. This time is not taken into statistics calculation.*

**-** DOWNTIME — -

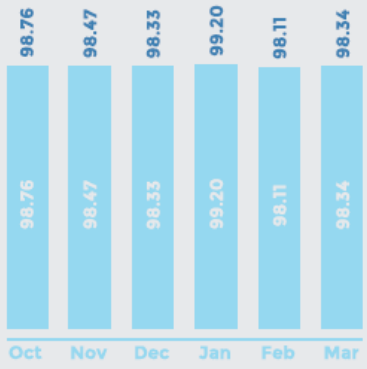
**THE PERFORMANCE**
*Corresponds to the time when the application was available but not degraded.*

**98.34%** performance — 0.23

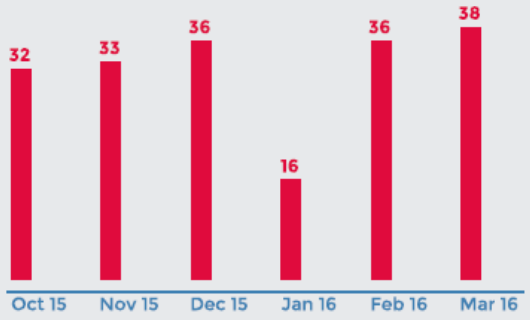
**Events on your application**




**EVOLUTION REGARDING THE AVAILABILITY AND PERFORMANCE**




**EVOLUTION CONCERNING DEGRADED EVENTS, UNAVAILABLE EVENTS, AND SCHEDULED DOWNTIME**




*If the availability is a good indicator to know the quality of service, the number of alert is a relevant indicator concerning the application reliability.*

## AVAILABILITY CALENDAR

| MON | TUE | WED | THU | FRI | SAT | SUN |
|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| | | 94% | 94% | 100% | 95% | 100% |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 98% | | 98% | 98% | 97% | 98% | 98% |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 99% | 96% | | 96% | | 97% | 98% |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| | | | | | 99% | |
| 28 | 29 | 30 | 31 | | | |
| | | 96% | 98% | | | |

**BV-BA-Availabilities-Calendar** This report displays statistics about business activities availability and incidents. Statistics are displayed by month and by day in calendars


## AVAILABILITY AND INCIDENTS BY APPLICATION BY MONTH

| % < Critical SLA / SLA Crit. < % < SLA Warn. | 2015 | | | | | | | | | | | | | | | | | | 2016 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mar | | Apr | | May | | Jun | | Jul | | Aug | | Sep | | Oct | | Nov | | Dec | | Jan | | Feb | | Mar | |
| Global DB Oracle Integrity | | | 96.28% | 86 | 98.62% | 37 | 95.72% | 94 | 96.18% | 89 | 96.78% | 70 | 95.98% | 88 | 96.15% | 87 | 96.24% | 89 | 95.70% | 90 | 95.68% | 100 | 95.49% | 99 | 94.69% | 108 |
| Global Offices Availability | 97.91% | 2 | 99.71% | 13 | 99.95% | 2 | 99.54% | 11 | 99.68% | 10 | 99.77% | 8 | 99.39% | 18 | 99.39% | 17 | 99.47% | 11 | 99.74% | 8 | 99.40% | 15 | 99.60% | 13 | 99.75% | 8 |
| LDAP-IDF | 91.89% | 5 | 94.92% | 112 | 99.03% | 47 | 94.44% | 110 | 94.52% | 131 | 93.87% | 133 | 93.74% | 123 | 94.56% | 129 | 94.29% | 133 | 93.73% | 151 | 94.34% | 132 | 93.94% | 140 | 93.88% | 151 |
| Mail-IDF | 58.52% | 25 | 63.81% | 631 | 85.73% | 218 | 64.91% | 617 | 58.60% | 566 | 61.64% | 642 | 63.77% | 574 | 62.42% | 663 | 60.72% | 600 | 64.68% | 603 | 62.31% | 595 | 63.09% | 578 | 62.14% | 616 |

## UNAVAILABLE TIME BY BUSINESS ACTIVITY BY MONTH

| Time < Critical SLA / SLA Warn. < Time < SLA Crti. | 2015 | | | | | | | | | | 2016 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar |
| Global DB Oracle Integrity | | 26 h 42 min | 10 h 15 min | 30 h 28 min | 27 h 54 min | 23 h 55 min | 28 h 56 min | 28 h 34 min | 27 h 1 min | 31 h 56 min | 32 h 7 min | 31 h 21 min | 38 h 20 min |
| Global Offices Availability | 30 min | 2 h 5 min | 20 min | 3 h 18 min | 2 h 20 min | 1 h 40 min | 4 h 20 min | 4 h 30 min | 3 h 45 min | 1 h 55 min | 4 h 25 min | 2 h 47 min | 1 h 50 min |
| LDAP-IDF | 1 h 56 min | 36 h 30 min | 11 h 39 min | 41 h 11 min | 42 h 34 min | 45 h 31 min | 45 h 2 min | 40 h 27 min | 41 h 2 min | 46 h 33 min | 42 h 5 min | 42 h 8 min | 44 h 10 min |
| Mail-IDF | 9 h 57 min | 260 h 26 min | 106 h 7 min | 256 h 37 min | 321 h 36 min | 285 h 5 min | 260 h 47 min | 279 h 20 min | 282 h 11 min | 262 h 28 min | 280 h 24 min | 256 h 52 min | 273 h 59 min |

## AVAILABILITY BY APPLICATION BY DAY

Unavailable time between: [ 0 , 10 min [ | [ 10 min ,30 min [ | [ 30 min , 60 min [ | [ 60 min , 2 h [ | [ 2 h , 24h [

*Only the last 6 months are displayed on that calendar due to layout limitations*


Time period: 24x7

**BA-Availability-1** This report displays availability and events statistics for a business activity

# AVAILABILITY

## DB-ORACLE-USERS

Mar, 01 16 - Apr, 01 16 24x7

centreon business intelligence

**THE AVAILABILITY**
*Corresponds to the time when the application is working even in a degraded state.*

98.07% AVAILABILITY -0.69

**THE UNAVAILABILITY**
*Corresponds to the time when the application was not accessible at all.*

13 h 55 min UNAVAILABLE TIME 5 h 19 min

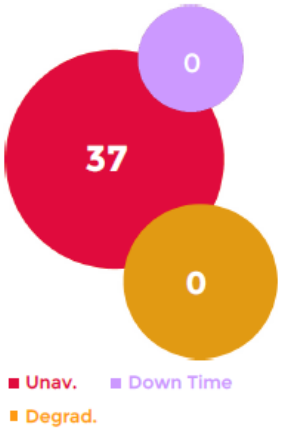
**DOWNTIME**
*Corresponds to the maintenance time programmed on the application. This time is not taken into statistics calculation.*

- DOWNTIME -

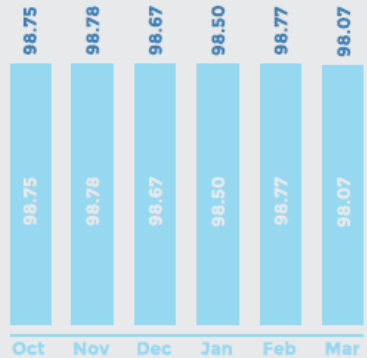
**THE PERFORMANCE**
*Corresponds to the time when the application was available but not degraded.*

98.07% performance -0.69

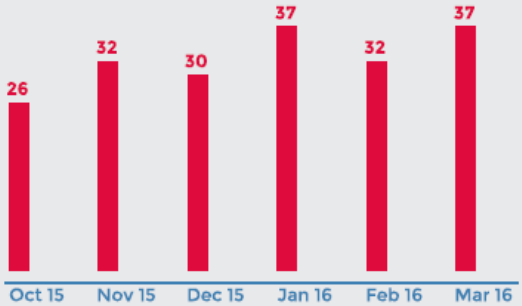
**Events on your application**




**EVOLUTION REGARDING THE AVAILABILITY AND PERFORMANCE**




**EVOLUTION CONCERNING DEGRADED EVENTS, UNAVAILABLE EVENTS, AND SCHEDULED DOWNTIME**




*If the availability is a good indicator to know the quality of service, the number of alert is a relevant indicator concerning the application reliability.*

## AVAILABILITY CALENDAR

| MON | TUE | WED | THU | FRI | SAT | SUN |
|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| | 92% | 99% | 98% | 98% | 91% | 98% |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 99% | 97% | 98% | | 97% | 98% | 98% |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 97% | 96% | | | 100% | | 98% |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 97% | | | 100% | 98% | 98% | |
| 28 | 29 | 30 | 31 | | | |
| | 97% | 100% | 99% | | | |

**BV-BA-Availabilities-List** This report lists statistics of availability, unavailability time, degraded time and alarms of business activities.


## AVAILABILITY, UNAVAILABILITY AND ALARMS

| | | Availability | | Unavailability | | | | Degraded | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Application | Avail. | Evol. | Unav. | Evol. | Alerts | Evol. | Degrad. | Evol. | Alerts | Evol. |
| | LDAP-IDF 24x7 | 91.32% | -2.41 % | 12 h 40 min | + 2 h 7 min | 31 | -7 | 32 h 54 min | - 7 h 51 min | 108 | -40 |
| | LDAP-Masters 24x7 | 99.59% | -0.30 % | 36 min | + 25 min | 5 | + 3 | 18 h 3 min | - 5 h 59 min | 53 | -9 |
| | LDAP-Scenarios 24x7 | 94.74% | -2.58 % | 8 h | + 3 h 30 min | 7 | + 2 | 3 h 47 min | + 38 min | 4 | 0 |
| | LDAP-Slaves 24x7 | 97.36% | 0.08 % | 3 h 51 min | - 42 min | 23 | -7 | 32 h 22 min | - 8 h 29 min | 104 | -39 |
| | LDAP-baudelaire-slave 24x7 | 95.59% | 3.61 % | 6 h 35 min | - 6 h 53 min | 20 | -17 | 3 h 41 min | - 2 h 1 min | 14 | -3 |
| | LDAP-byron-slave 24x7 | 93.61% | -0.01 % | 9 h 20 min | - 1 h 23 min | 23 | -12 | 5 h 14 min | - 33 min | 15 | -8 |
| | LDAP-keats-master 24x7 | 93.23% | -0.47 % | 9 h 57 min | - 37 min | 25 | -1 | 4 h 48 min | - 25 min | 14 | -2 |
| | LDAP-rilke-slave 24x7 | 90.88% | -1.68 % | 13 h 21 min | + 51 min | 34 | 0 | 6 h 34 min | - 13 min | 21 | -1 |
| | LDAP-shelley-master 24x7 | 93.95% | 1.99 % | 8 h 50 min | - 4 h 40 min | 27 | -9 | 5 h 13 min | + 10 min | 18 | -2 |
| | LDAP-tseliot-slave 24x7 | 93.48% | 0.62 % | 9 h 54 min | - 2 h 6 min | 25 | -8 | 7 h 2 min | + 19 min | 20 | -1 |
| | Load-Balancer-LDAP-IDF 24x7 | 95.14% | -0.94 % | 7 h 15 min | + 40 min | 16 | -1 | 5 h 25 min | + 35 min | 17 | -1 |

**BA-Event-List** This report displays a list of events appeared on a business activity.

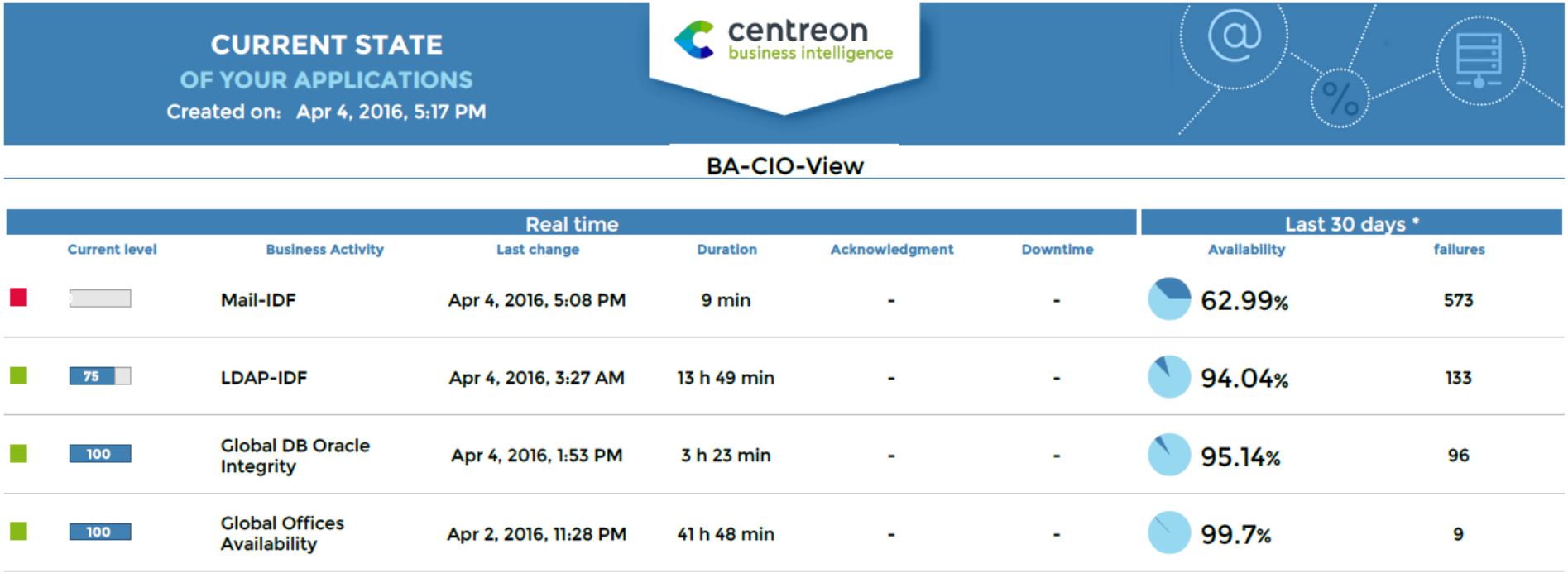

# LDAP-KEATS-MASTER

## UNAVAILABILITY EVENTS LIST

*The following table display a listing of unavailable event on this application. For each application event, all the KPI events related to it are displayed.*

| | | | | | | |
|---|---|---|---|---|---|---|
| Event #1 | Start | 1/4/16 04:35:27 | Duration | 35 min | End | 1/4/16 05:10:27 |
| ldap-keats-master disk-/var/lib/ldap | | 1/4/16 04:35:27 | | 35 min | | 1/4/16 05:10:27 |
| Event #2 | Start | 1/4/16 06:57:55 | Duration | 10 min | End | 1/4/16 07:07:55 |
| ldap-keats-master ping | | 1/4/16 06:57:55 | | 10 min | | 1/4/16 07:07:55 |
| Event #3 | Start | 1/4/16 09:12:57 | Duration | 10 min | End | 1/4/16 09:22:57 |
| ldap-keats-master ldap-connect | | 1/4/16 09:12:57 | | 10 min | | 1/4/16 09:22:57 |
| Event #4 | Start | 1/4/16 10:42:57 | Duration | 40 min | End | 1/4/16 11:22:57 |
| ldap-keats-master ldap-connect | | 1/4/16 10:42:57 | | 40 min | | 1/4/16 11:22:57 |
| Event #5 | Start | 1/4/16 13:40:55 | Duration | 15 min | End | 1/4/16 13:55:55 |
| ldap-keats-master disk-/var | | 1/4/16 13:40:55 | | 15 min | | 1/4/16 13:55:55 |
| Event #6 | Start | 1/4/16 21:43:01 | Duration | 30 min 1 sec | End | 1/4/16 22:13:02 |
| ldap-keats-master ldap-connect | | 1/4/16 21:43:01 | | 30 min 1 sec | | 1/4/16 22:13:02 |
| Event #7 | Start | 2/4/16 06:28:02 | Duration | 30 min | End | 2/4/16 06:58:02 |
| ldap-keats-master ldap-connect | | 2/4/16 06:28:02 | | 30 min | | 2/4/16 06:58:02 |
| Event #8 | Start | 2/4/16 10:23:02 | Duration | 35 min | End | 2/4/16 10:58:02 |
| ldap-keats-master ldap-connect | | 2/4/16 10:23:02 | | 35 min | | 2/4/16 10:58:02 |
| Event #9 | Start | 2/4/16 12:43:02 | Duration | 20 min | End | 2/4/16 13:03:02 |
| ldap-keats-master ldap-connect | | 2/4/16 12:43:02 | | 20 min | | 2/4/16 13:03:02 |
| Event #10 | Start | 2/4/16 17:08:02 | Duration | 45 min | End | 2/4/16 17:53:02 |
| ldap-keats-master ldap-connect | | 2/4/16 17:08:02 | | 45 min | | 2/4/16 17:53:02 |
| Event #11 | Start | 3/4/16 07:03:02 | Duration | 45 min | End | 3/4/16 07:48:02 |
| ldap-keats-master ldap-connect | | 3/4/16 07:03:02 | | 45 min | | 3/4/16 07:48:02 |
| Event #12 | Start | 3/4/16 12:10:00 | Duration | 3 min 2 sec | End | 3/4/16 12:13:02 |
| ldap-keats-master memory | | 3/4/16 12:10:00 | | 35 min | | 3/4/16 12:45:00 |
| Event #13 | Start | 3/4/16 12:13:02 | Duration | 45 min | End | 3/4/16 12:58:02 |
| ldap-keats-master ldap-connect | | 3/4/16 12:13:02 | | 45 min | | 3/4/16 12:58:02 |
| ldap-keats-master load | | 3/4/16 12:20:30 | | 15 min | | 3/4/16 12:35:30 |
| Event #14 | Start | 3/4/16 15:58:02 | Duration | 40 min | End | 3/4/16 16:38:02 |
| ldap-keats-master ldap-connect | | 3/4/16 15:58:02 | | 40 min | | 3/4/16 16:38:02 |
| ldap-keats-master disk-/var | | 3/4/16 16:02:01 | | 10 min | | 3/4/16 16:12:01 |

**BV-BA-Current-Health-VS-Past** This report displays the global health of business activities at its generation and compares it with the availability of a previous period.



# Availability & Events

**Hostgroup-Service-Incident-Resolution-2** This report displays the rate of acknowledgment and solved events, the longuest events, the least reliable indicators and equipments generating the most events for a hostgroup


## DATABASE-SERVERS

**ACKNOWLEDGMENT TIME**

*It's the duration between a hard state of an event and it's acknowledgment. Events that have duration less than the acknowledgment SLA are excluded from the calculation.*

**EVENTS ACKNOWLEDGMENT CRITICAL**

**0 % (0/994)**

ACKNOWLEDGED WITHIN 5 MIN

**EVENTS ACKNOWLEDGMENT WARNING**

**0% (0/1662)**

ACKNOWLEDGED WITHIN 10 MIN

**RESOLUTION TIME**

*It's the duration between a hard state of an event and it's resolution (state = OK). Events that have duration less that the resolution SLA are included on the calculation.*

**EVENTS RESOLUTION CRITICAL**

**50% (497/994)**

SOLVED WITHIN 15 MIN

**EVENTS RESOLUTION WARNING**

**62.69% (1260/2010)**

SOLVED WITHIN 20 MIN

## TOP 10 OF LONGEST EVENTS

| Host | Service | Start | End | Resolution |
|---|---|---|---|---|
| srv-oracle-crm | disk-/usr | Feb 28, 2016, 12:27 AM | Feb 28, 2016, 2:22 AM | 1 h 55 min |
| srv-oracle-users | load | Feb 10, 2016, 11:59 PM | Feb 11, 2016, 1:29 AM | 1 h 30 min |
| srv-oracle-crm | cpu | Feb 20, 2016, 6:54 AM | Feb 20, 2016, 8:19 AM | 1 h 25 min |
| srv-oracle-crm | disk-/home | Feb 10, 2016, 7:15 PM | Feb 10, 2016, 8:35 PM | 1 h 20 min |
| srv-oracle-crm | load | Feb 17, 2016, 11:43 PM | Feb 18, 2016, 1:03 AM | 1 h 20 min |
| srv-oracle-users | cpu-stats | Feb 23, 2016, 10:35 PM | Feb 23, 2016, 11:55 PM | 1 h 20 min |
| srv-mysql-01 | disk-/usr | Feb 6, 2016, 12:06 PM | Feb 6, 2016, 1:16 PM | 1 h 10 min |
| srv-mysql-01 | disk-/usr | Feb 11, 2016, 12:54 PM | Feb 11, 2016, 2:04 PM | 1 h 10 min |
| srv-mysql-01 | disk-/usr | Feb 6, 2016, 12:06 PM | Feb 6, 2016, 1:16 PM | 1 h 10 min |
| srv-mysql-01 | disk-/usr | Feb 11, 2016, 12:54 PM | Feb 11, 2016, 2:04 PM | 1 h 10 min |

## TOP 10 OF THE LEAST RELIABLE INDICATORS

| Host | Service | MTBF |
|---|---|---|
| srv-oracle-accounting | memory | 14 h 48 min |
| srv-oracle-accounting | memory-stats | 14 h 48 min |
| srv-mysql-01 | memory | 17 h 59 min |
| srv-mysql-01 | memory-stats | 17 h 59 min |
| srv-oracle-crm | memory | 18 h 29 min |
| srv-oracle-crm | memory-stats | 18 h 29 min |
| srv-mssql-01 | memory | 18 h 58 min |
| srv-oracle-users | memory | 19 h 33 min |
| srv-oracle-users | memory-stats | 19 h 33 min |
| srv-mysql-02 | memory | 20 h 46 min |

*The MTBF is the division of the available time of the hosts, within the reporting period and live service, by the number of exception events opened.*

## TOP 10 OF EQUIPMENTS GENERATING THE MOST EVENTS

| Host | Warning event | Critical event |
|---|---|---|
| srv-oracle-accounting | 548 | 304 |
| srv-mysql-01 | 516 | 238 |
| srv-oracle-users | 284 | 128 |
| srv-oracle-crm | 246 | 124 |
| srv-mysql-02 | 287 | 114 |
| srv-mssql-01 | 51 | 47 |
| srv-mssql-02 | 78 | 39 |

**Hostgroups-Incidents-1** This report gives you an overview of host exception events and unavailability for one or several hostgroups.

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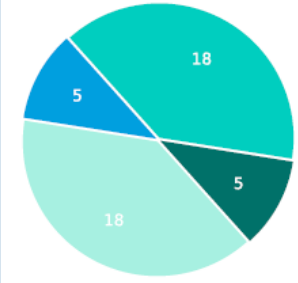
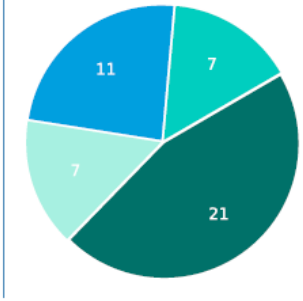
# Incidents management reports

**Time period :** 24x7

**Resources by group**



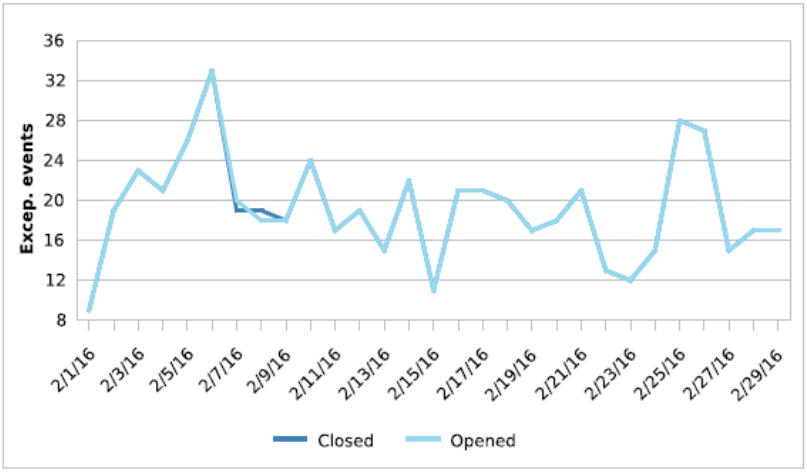

**Resources by categorie**



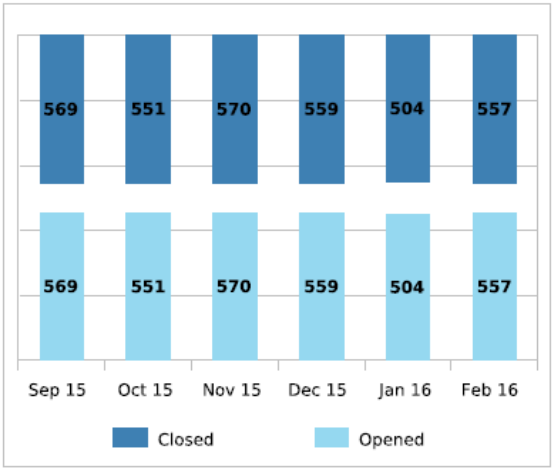

01 February 2016
01 March 2016

1 / 7

## Current month exception events evolution




## Exception events evolution by month




**40.75%** of these events concern **Routers**

**34.83%** of these events concern **Firewall**

**13.64%** of these events concern **ESX-Servers**

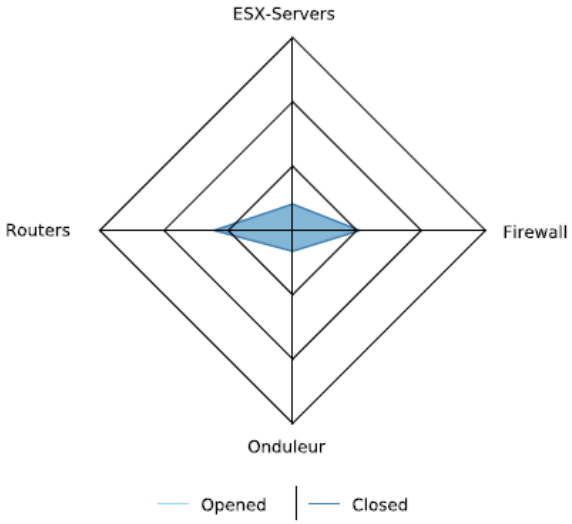
**10.77%** of these events concern **Onduleur**

There were as many opened as closed events

This report allows to analyse the evolution of host triggered exception events (opened) and resolved ones (closed). The performance on exception events resolution can also be measured by different indicators (MTRS, MTBS, MTBSI, ...).

An opened exception event in a specific month or day can be resolved (closed) later on another day or month.

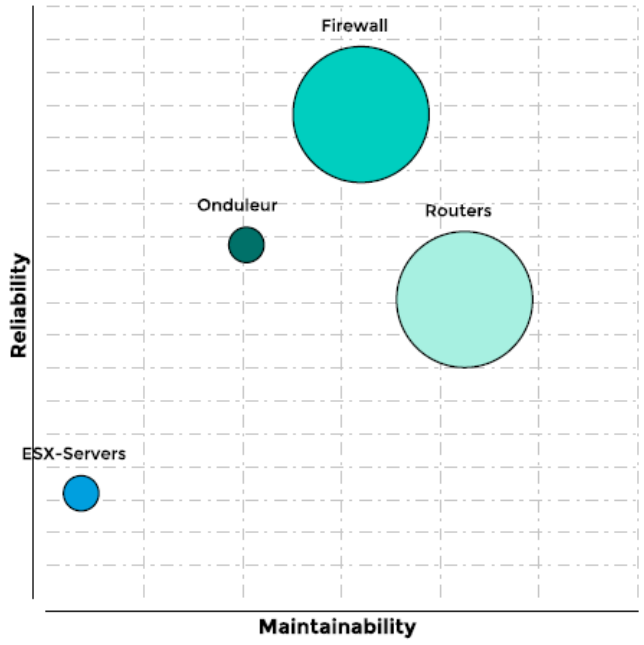
## Exception events distribution by group




## Detail of exception events by group

| | Opened | Closed |
|---|---|---|
| Routers | 227 | 227 |
| Firewall | 194 | 194 |
| ESX-Servers | 76 | 76 |
| Onduleur | 60 | 60 |

Best




Worst

Best

### Maintainability index (1/MRTS)

A low maintainability index (1/MTRS) means that the host repair delay is high.

### Reliability index (MTBF)

A high reliability index ( MTBF ) means that exception events are recurrent. The host repair delay is not taken in account in the calculation.

### Mean time between service incidents (MTBSI)

The mean time between service incidents measure the average time between two exception events.

### Host group size

The size of the bubble corresponds to the number of hosts in the group.

### Graphic Interpretation

Groups in the left bottom corner are the less maintainable and reliable. Their reliability indexes are high and their maintainability indexes are low.

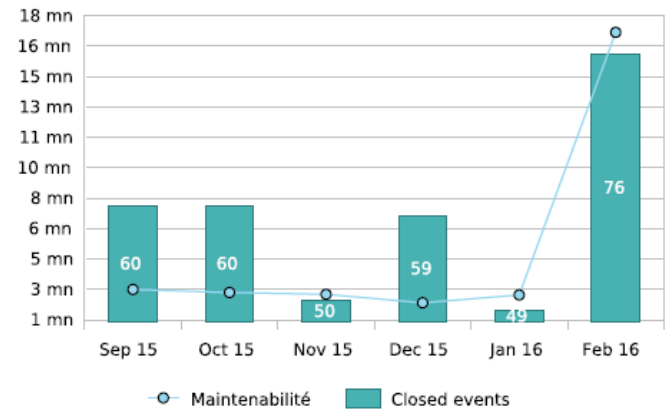
Groups in the top right corner are the most maintainable and reliable. Their reliability indexes are low and their maintainability indexes are high.

The position of the group, related to their reliability and maintainability indexes have to be interpreted regarding to the size of the bubble, corresponding to the number of hosts in the group. For instance, low indexes on a group made of 2 hosts is not as critical as medium indexes of a 50 hosts group.

## Detailed statistics on host maintainability, reliability and exception events

| | | Exception events | | | | |
|---|---|---|---|---|---|---|
| Host Groups | Number of hosts | MTRS | MTBF | MTBSI | Opened | Closed |
| ESX-Servers | 5 | 27 mn | 45 h 19 mn | 45 h 47 mn | 76 | 76 |
| Firewall | 18 | 3 mn | 64 h 31 mn | 64 h 34 mn | 194 | 194 |
| Onduleur | 5 | 4 mn | 57 h 55 mn | 58 h | 60 | 60 |
| Routers | 18 | 2 mn | 55 h 9 mn | 55 h 11 mn | 227 | 227 |

## Mean time to repair by month




# ESX-Servers

### MTRS calculation method

The MTRS is the division of the unavailable time of the hosts, within the reporting period and live service, by the total number of exception events opened.

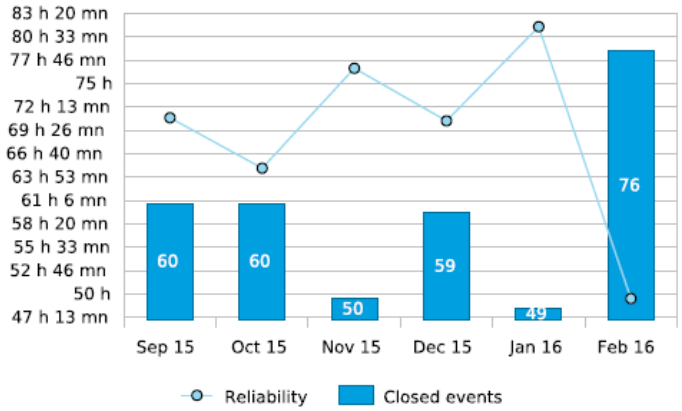
### MTBF calculation method

The MTBF is the division of the available time of the hosts, within the reporting period and live service, by the number of exception events opened.

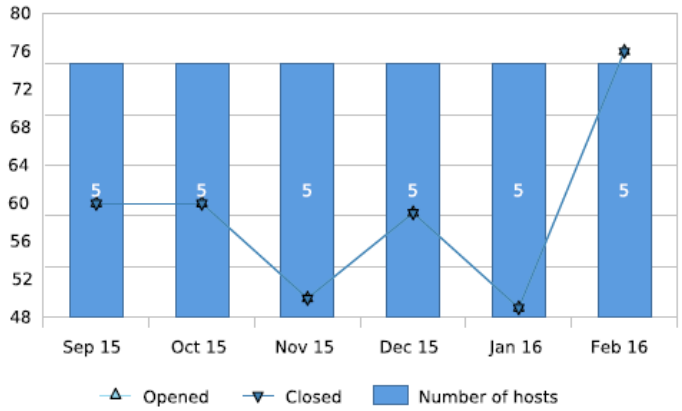
### MTBSI calculation method

The MTBSI is the division of the reporting period duration, within the reporting live service, by the number of exception events opened.

## Mean time between failure by month




## Opened/Closed exception events evolution by month




## Less maintainable hosts

| Hosts | MTRS |
|---|---|
| VCenter | 2 h 27 mn |
| esx-sydney-01 | 3 mn |
| esx-hongkong-01 | 3 mn |
| esx-berlin-01 | 2 mn |
| esx-alger-01 | 2 mn |

## Less reliable hosts

| Hosts | MTBF |
|---|---|
| esx-berlin-01 | 33 h 5 mn |
| esx-hongkong-01 | 46 h 20 mn |
| esx-sydney-01 | 49 h 39 mn |
| VCenter | 51 h 4 mn |
| esx-alger-01 | 53 h 30 mn |

**Hostgroups-Availability-1** This report shows availability and events exception distribution on multiple hostgroups.

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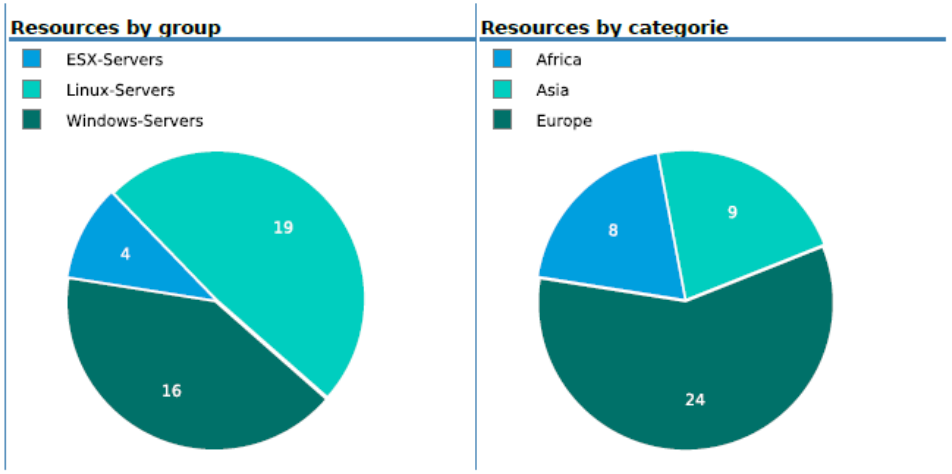
# Availability of your resources and their services

01 February 16
01 March 16




**Time period :** 24x7

1 / 8

## Flops

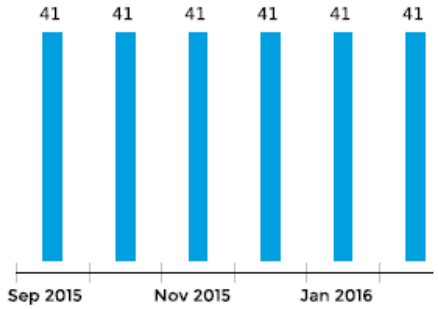
Host excep. ev. :**Linux-Servers-Europe**

Host unavailability :**ESX-Servers-Europe**

Serv. excep. ev. :**Linux-Servers-Europe**

Serv. unavailability :**Linux-Servers-Africa**

### Number of resources



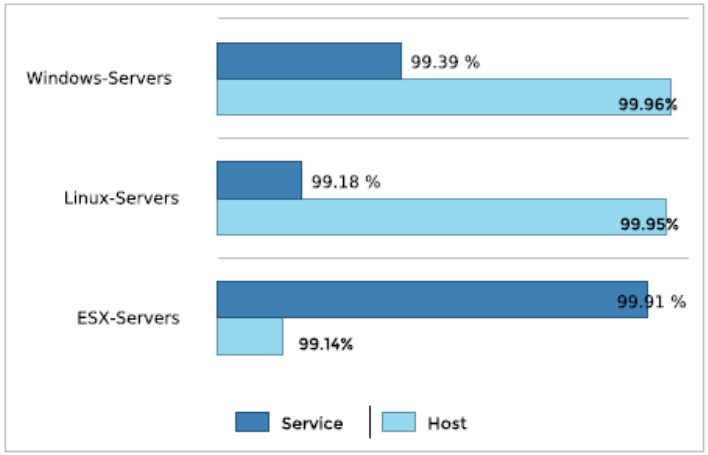

### Host unavailability/ exception events

Host exception events correspond to the addition of host unavailabilities. Unreachable state is not included (most of the time, this state means that a node in the network was unreachable between the monitoring server and monitored resources).

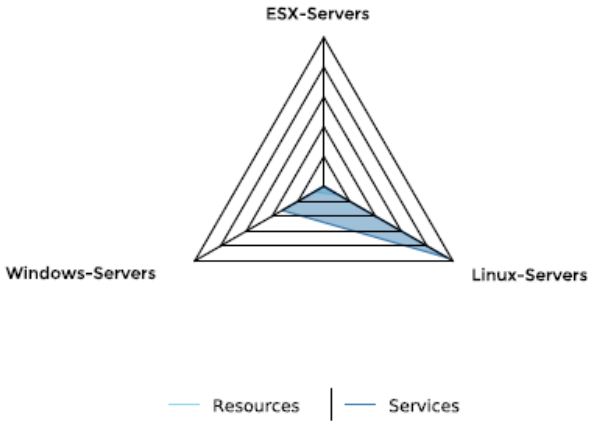
### Service unavailability/Exception events

Service unavailability for an equipment corresponds to a critical state for some or all of its services. Warning events or unknown state are not included in this calculation.

### Average availability of host groups




### Events exception distribution by host group




### Detailed statistics by for host groups

| Group | Number of hosts | Host | | | Service | | |
|---|---|---|---|---|---|---|---|
| | | Availability | Trend | Excep. ev. | Availability | Trend | Excep. ev. |
| **ESX-Servers** | **4** | **99.14%** | **-0.80** | **62** | **99.91%** | **0.00** | **55** |
| Africa | 1 | 99.93% | -0.02 | 13 | 99.87% | -0.05 | 13 |
| Asia | 1 | 99.88% | -0.06 | 15 | 99.92% | 0.06 | 9 |
| Europe | 2 | 97.63% | -2.33 | 34 | 99.95% | -0.01 | 33 |
| **Linux-Servers** | **21** | **99.95%** | **0.00** | **269** | **99.18%** | **-0.10** | **1938** |
| Africa | 2 | 99.95% | 0.01 | 32 | 99.11% | -0.16 | 195 |
| Asia | 4 | 99.95% | 0.00 | 59 | 99.18% | -0.11 | 363 |
| Europe | 15 | 99.95% | -0.01 | 178 | 99.24% | -0.02 | 1380 |
| **Windows-Servers** | **16** | **99.96%** | **-0.01** | **200** | **99.39%** | **-0.05** | **687** |
| Africa | 5 | 99.95% | 0.00 | 68 | 99.31% | -0.14 | 224 |
| Asia | 4 | 99.96% | -0.01 | 51 | 99.45% | 0.08 | 167 |
| Europe | 7 | 99.96% | -0.01 | 81 | 99.39% | -0.09 | 296 |
| **Global Statistics** | **41** | **99.68%** | **-0.27** | **531** | **99.49%** | **-0.05** | **2680** |

# Linux-Servers

## Host unavailability

70% of unavailability have been detected on : **Europe**

## Host exception events

66% of exception events have been detected on: **Europe**

| Month | Unavailability | Excep. ev |
|---|---|---|
| Jan 16 | 6 h 26 mn | 260 |
| Feb 16 | 6 h 45 mn | 269 |
| Mar 16 | 6 h 19 mn | 259 |

## Service unavailability

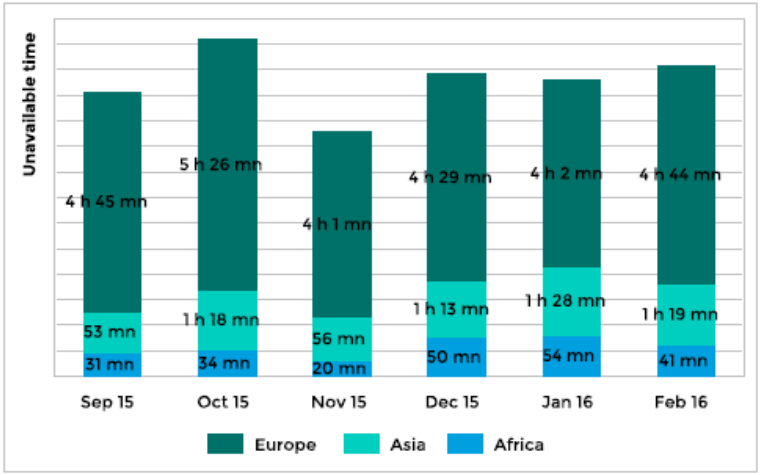
70% of unavailability have been detected on: **Europe**

## Service exception events

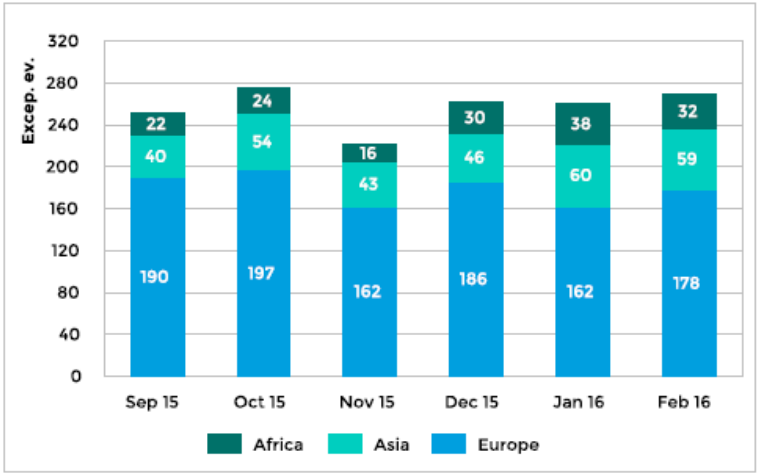
71% of exception events have been detected on: **Europe**

| Month | Unavailability | Excep. ev. |
|---|---|---|
| Jan 16 | 590 h 41 mn | 1904 |
| Feb 16 | 591 h 8 mn | 1938 |
| Mar 16 | 598 h | 1961 |

## Host unavailability evolution

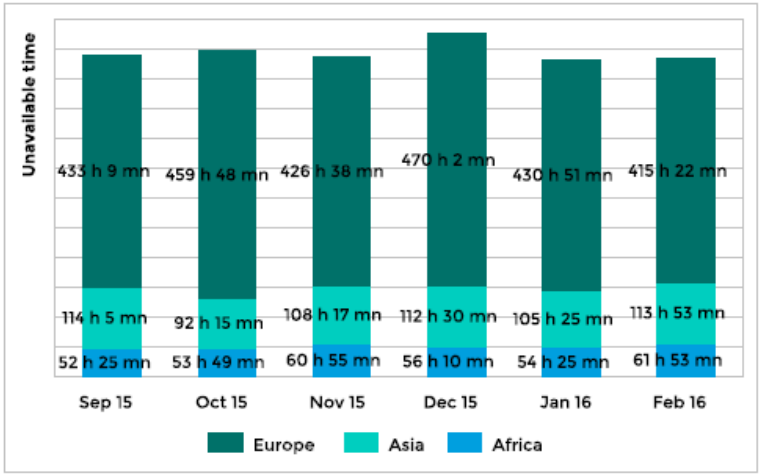



## Host exception events evolution

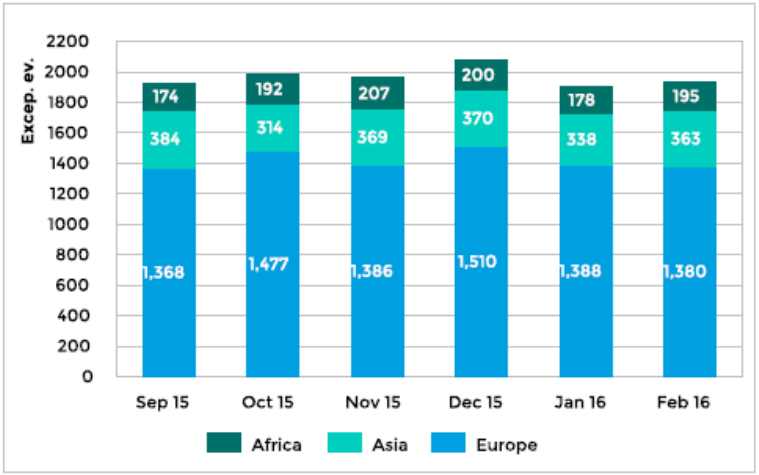



Hosts, service unavailabilities and exception events are calculated by host category for the current group.

## Evolution of service unavailability by host category




## Evolution of service exception events by host category



# Linux-Servers

## Host unavailability

Host unavailability displayed on this page correspond to

**86%** of all host unavailability.

## Host exception events

Host exception events displayed on this page correspond to

**86%** of all host exception events.

## Service unavailability

Service unavailability displayed on this page correspond to:

**84%** of all service unavailabilities detected.

## Service exception events

Service exception events displayed on this page correspond to:

**84%** of all services exception events.

### TOP 15 of host unavailabilities

| | |
|---|---|
| 31 mn 10 s | mail-neptune-frontend |
| 27 mn 29 s | mail-mercury-frontend |
| 26 mn 15 s | mail-saturn-frontend |
| 23 mn 40 s | srv-mysql-01 |
| 22 mn 50 s | mail-io-backend |
| 22 mn 45 s | mail-europa-backend |
| 20 mn | mail-venus-frontend |
| 19 mn 55 s | srv-mysql-02 |
| 19 mn 45 s | srv-oracle-crm |
| 19 mn | srv-oracle-users |
| 18 mn | mail-mars-frontend |
| 17 mn 20 s | srv-oracle-accounting |
| 16 mn 15 s | mail-earth-frontend |

### TOP 15 of host exception events

| | |
|---|---|
| 18 | mail-neptune-frontend |
| 18 | srv-mysql-01 |
| 17 | mail-saturn-frontend |
| 15 | mail-europa-backend |
| 15 | mail-mercury-frontend |
| 15 | srv-mysql-02 |
| 14 | srv-oracle-accounting |
| 13 | mail-io-backend |
| 13 | mail-jupiter-frontend |
| 13 | srv-oracle-crm |
| 12 | mail-mars-frontend |
| 12 | srv-oracle-users |
| 11 | mail-venus-frontend |
| 10 | mail-ganymede-backend |
| 9 | mail-earth-frontend |

### TOP 15 service unavailabilities

| | |
|---|---|
| 37 h 50 mn | mail-ganymede-backend |
| 33 h 12 mn | mail-io-backend |
| 32 h 53 mn | srv-oracle-accounting |
| 32 h 25 mn | mail-callisto-backend |
| 31 h 50 mn | mail-earth-frontend |
| 30 h 22 mn | mail-europa-backend |
| 30 h 14 mn | mail-titan-gateway |
| 29 h | srv-mysql-01 |
| 28 h 39 mn | srv-oracle-crm |
| 28 h 39 mn | mail-mars-frontend |
| 28 h | mail-mercury-frontend |
| 26 h 15 mn | srv-oracle-users |
| 25 h 55 mn | mail-saturn-frontend |
| 25 h 44 mn | srv-mysql-02 |
| 24 h 50 mn | mail-jupiter-frontend |

### TOP 15 of service exception events

| | |
|---|---|
| 113 | mail-mars-frontend |
| 112 | mail-europa-backend |
| 109 | mail-earth-frontend |
| 108 | mail-callisto-backend |
| 106 | mail-ganymede-backend |
| 104 | srv-oracle-accounting |
| 98 | mail-io-backend |
| 91 | mail-mercury-frontend |
| 91 | srv-mysql-01 |
| 90 | mail-jupiter-frontend |
| 90 | mail-titan-gateway |
| 89 | mail-neptune-frontend |
| 89 | srv-oracle-crm |
| 84 | srv-mysql-02 |
| 84 | srv-oracle-users |

## Hostgroup -Availability-2 This report gives availability and exception events information for one hostgroup

Host group **Linux-Servers**

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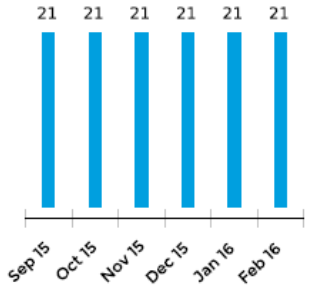
### Number of resources



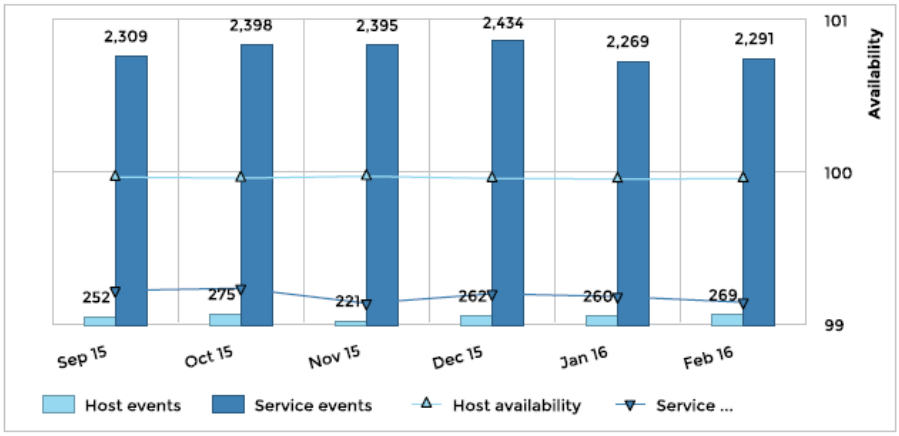

### Host unavailability/ exception events

**Host exception events correspond to the addition of host unavailabilities. Unreachable state is not included (most of the time, this state means that a node in the network was unreachable between the monitoring server and monitored resources).**

### Service unavailability/Exception events

**Service unavailability for an equipment corresponds to a critical state for some or all of its services. Warning events or unknown state are not included in this calculation.**

### Availability and exception events evolution

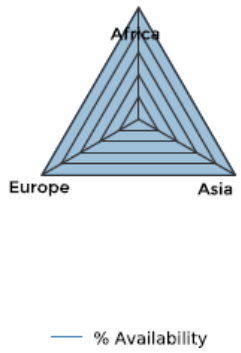



### Availability and exception events evolution

| | 2015 | | | | 2016 | |
|---|---|---|---|---|---|---|
| | Sep | Oct | Nov | Dec | Jan | Feb |
| Host availability | 99.96% | 99.95% | 99.96% | 99.95% | 99.95% | 99.95% |
| Host events | 252 | 275 | 221 | 262 | 260 | 269 |
| Service availability | 99.21% | 99.23% | 99.13% | 99.19% | 99.17% | 99.14% |
| Service events | 2309 | 2398 | 2395 | 2434 | 2269 | 2291 |

## Hosts

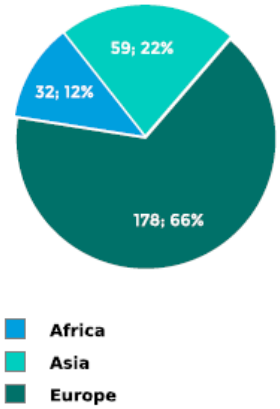
### Availability / host cat



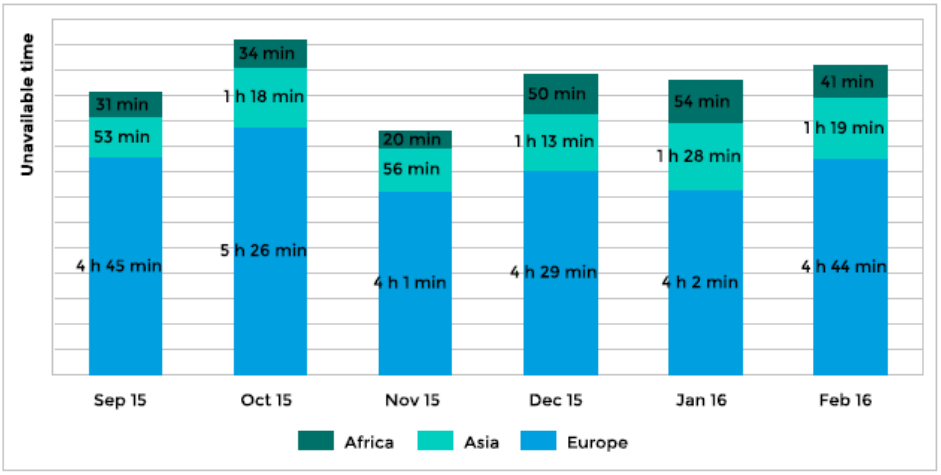

### Sum up

| Host cat. | Avail. | Excep. ev. |
|---|---|---|
| Africa | 99.95% | 269 |
| Asia | 99.95% | 269 |
| Europe | 99.95% | 269 |

### Host exception events / host cat.




### Host unavailability evolution



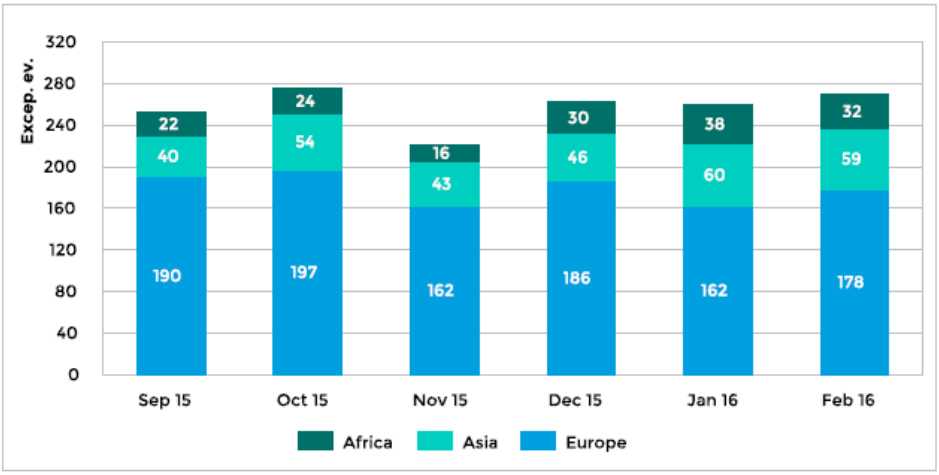

### Top 15 - Host unavailability

| Host | Unavailable | Avail. |
|---|---|---|
| mail-neptune-frontend | 31 min | 99.93% |
| mail-mercury-frontend | 27 min | 99.93% |
| mail-saturn-frontend | 26 min | 99.94% |
| srv-mysql-01 | 23 min | 99.94% |
| mail-io-backend | 22 min | 99.95% |
| mail-europa-backend | 22 min | 99.95% |
| mail-venus-frontend | 20 min | 99.95% |
| srv-mysql-02 | 19 min | 99.95% |
| srv-oracle-crm | 19 min | 99.95% |
| srv-oracle-users | 19 min | 99.95% |
| mail-mars-frontend | 18 min | 99.96% |
| srv-oracle-accounting | 17 min | 99.96% |
| mail-earth-frontend | 16 min | 99.96% |
| mail-jupiter-frontend | 15 min | 99.96% |
| mail-ganymede-backend | 14 min | 99.97% |

### Top 15 - Host exception events

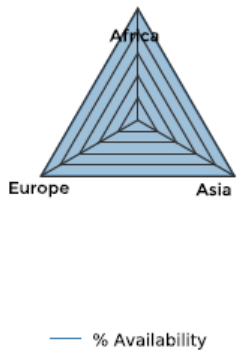
| Host | Excep. ev. | Avail. |
|---|---|---|
| mail-neptune-frontend | 18 | 99.93% |
| srv-mysql-01 | 18 | 99.94% |
| mail-saturn-frontend | 17 | 99.94% |
| mail-mercury-frontend | 15 | 99.93% |
| mail-europa-backend | 15 | 99.95% |
| srv-mysql-02 | 15 | 99.95% |
| srv-oracle-accounting | 14 | 99.96% |
| mail-jupiter-frontend | 13 | 99.96% |
| mail-io-backend | 13 | 99.95% |
| srv-oracle-crm | 13 | 99.95% |
| mail-mars-frontend | 12 | 99.96% |
| srv-oracle-users | 12 | 99.95% |
| mail-venus-frontend | 11 | 99.95% |
| mail-ganymede-backenc | 10 | 99.97% |
| mail-earth-frontend | 9 | 99.96% |

### Host exception events evolution



## Services

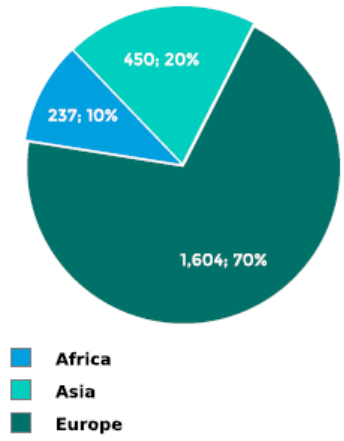
### Service availability / host cat.



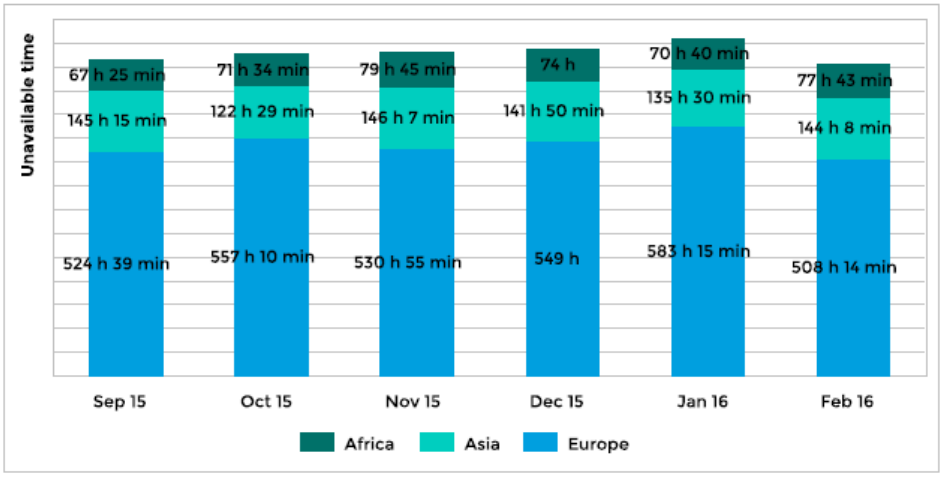

### Sum up

| Host cat. | Avail. | Excep. ev. |
|---|---|---|
| Africa | 98.88% | 237 |
| Asia | 98.96% | 450 |
| Europe | 99.03% | 1604 |

### Service exception events / host cat.



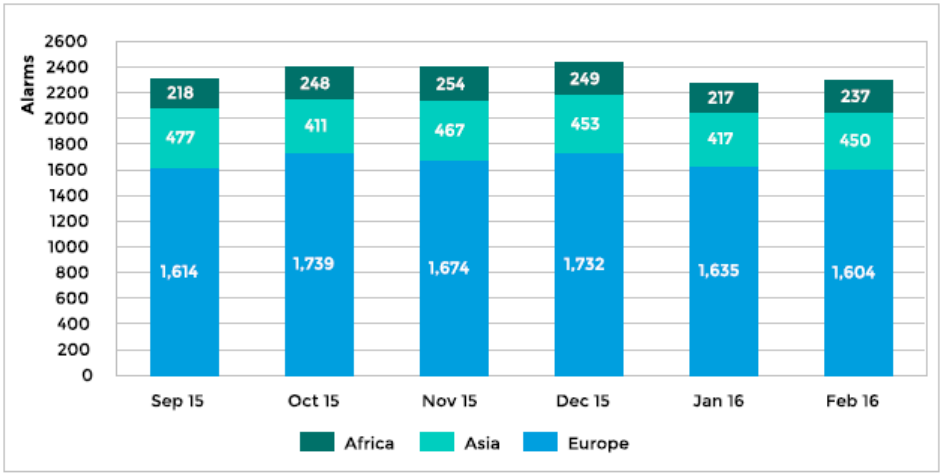

### Evolution of service unavailability by host category




### TOP 15 service exception events

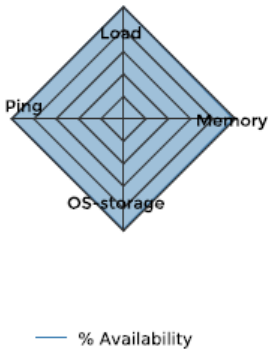
| Host | Service | Excep. ev. | Avail. |
|---|---|---|---|
| mail-mars-frontend | memory | 52 | 98.10% |
| mail-mars-frontend | memory-stats | 52 | 98.10% |
| mail-earth-frontend | memory | 48 | 97.96% |
| mail-earth-frontend | memory-stats | 48 | 97.96% |
| srv-oracle-accounting | memory | 46 | 97.82% |
| srv-oracle-accounting | memory-stats | 46 | 97.82% |
| mail-mercury-frontend | memory | 40 | 98.29% |
| mail-mercury-frontend | memory-stats | 40 | 98.29% |
| mail-titan-gateway | memory | 40 | 98.06% |
| mail-titan-gateway | memory-stats | 40 | 98.06% |
| mail-jupiter-frontend | memory | 39 | 98.40% |
| mail-jupiter-frontend | memory-stats | 39 | 98.40% |
| mail-neptune-frontend | memory | 38 | 98.48% |
| mail-neptune-frontend | memory-stats | 38 | 98.48% |
| srv-mysql-01 | memory | 38 | 98.26% |

### Evolution of service exception events by host category



## Services

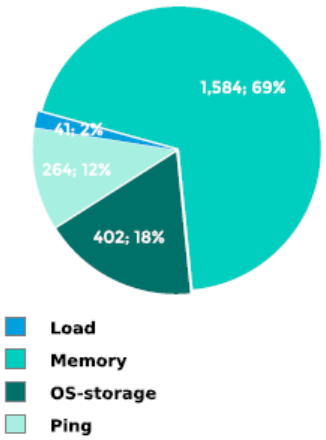
### Service availability / service cat.



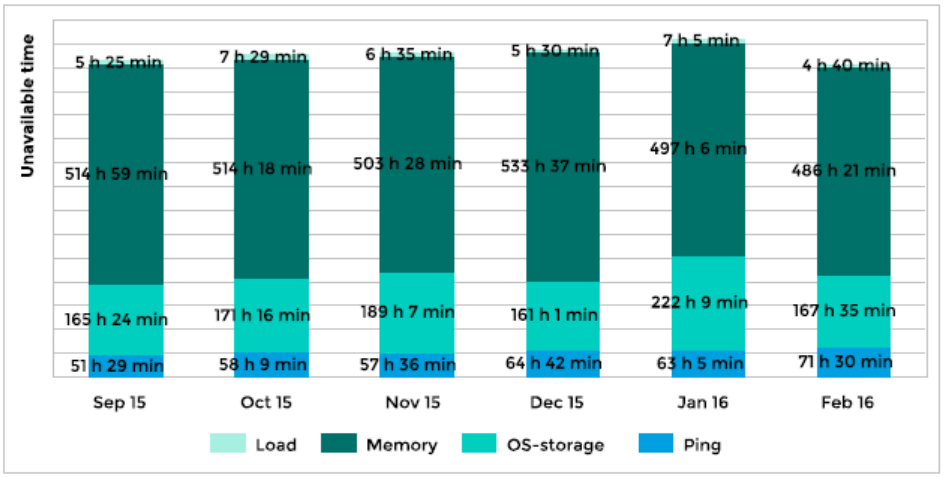

### Sum up

| Services Cat. | Avail. | Excep. ev. |
|---|---|---|
| Ping | 99.51% | 264 |
| OS-storage | 98.85% | 402 |
| Memory | 98.34% | 1584 |
| Load | 99.97% | 41 |

### Service exception events / service cat.



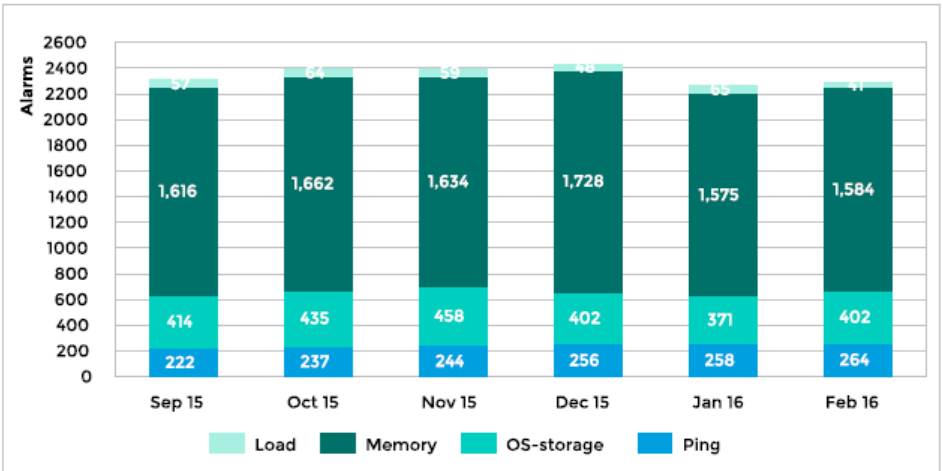

### Evolution of service unavailability




### TOP 15 service unavailability

| Host | Service | Unavailable | Avail. |
|---|---|---|---|
| mail-mercury-frontend | disk-/ | 19 h 14 min | 97.24% |
| srv-oracle-accounting | memory-stats | 15 h 9 min | 97.82% |
| srv-oracle-accounting | memory | 15 h 9 min | 97.82% |
| mail-earth-frontend | memory-stats | 14 h 10 min | 97.96% |
| mail-earth-frontend | memory | 14 h 10 min | 97.96% |
| mail-titan-gateway | memory | 13 h 30 min | 98.06% |
| mail-titan-gateway | memory-stats | 13 h 29 min | 98.06% |
| mail-mars-frontend | memory | 13 h 15 min | 98.10% |
| mail-mars-frontend | memory-stats | 13 h 14 min | 98.10% |
| mail-ganymede-backend | memory | 12 h 50 min | 98.15% |
| mail-ganymede-backend | memory-stats | 12 h 50 min | 98.15% |
| srv-mysql-01 | memory | 12 h 5 min | 98.26% |
| srv-mysql-01 | memory-stats | 12 h 5 min | 98.26% |
| srv-oracle-crm | memory-stats | 12 h | 98.28% |
| srv-oracle-crm | memory | 11 h 59 min | 98.28% |

### Evolution of service exception events by service category



**Hostgroup-Host-Availability-List** This report displays a list of host availability and exception events for a hostgroup.

Host group **Windows-Servers**

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**Host availability**

| | | Availability | | | Unavailable | | Exception events | |
|---|---|---|---|---|---|---|---|---|
| Host cat. | Host | % | Duration | Trend | Duration | Trend | Total | Trend |
| Africa | srv-DC-cape-town | 99.93% | 695 h 29 min | -0.05% | 30 min | +22 min 15 sec | 19 | 11 |
| Africa | srv-mssql-01 | 99.93% | 695 h 31 min | -0.04% | 28 min | +15 min | 18 | 7 |
| Asia | srv-mssql-02 | 99.94% | 695 h 33 min | -0.02% | 26 min | +8 min 24 sec | 18 | 5 |
| Europe | srv-DC-paris | 99.95% | 695 h 40 min | -0.02% | 19 min | +5 min 40 sec | 12 | 4 |
| Asia | srv-DC-tokyo | 99.95% | 695 h 40 min | -0.01% | 19 min | +3 min 20 sec | 13 | 1 |
| Europe | srv-DC-london | 99.95% | 695 h 40 min | -0.01% | 19 min | +3 min 35 sec | 12 | 1 |
| Europe | srv-DC-bratislava | 99.96% | 695 h 42 min | -0.01% | 17 min | +1 min 16 sec | 16 | 8 |
| Africa | srv-DC-alger | 99.96% | 695 h 42 min | 0.03% | 17 min | -12 min 25 sec | 14 | -4 |
| Europe | srv-DC-bruxelles | 99.96% | 695 h 42 min | -0.03% | 17 min | +10 min 35 sec | 13 | 7 |
| Africa | srv-DC-casablanca | 99.96% | 695 h 44 min | 0.02% | 15 min | -12 min | 11 | -6 |
| Europe | srv-DC-dublin | 99.97% | 695 h 45 min | 0.00% | 14 min | -2 min 10 sec | 9 | -1 |
| Asia | srv-DC-hongkong | 99.97% | 695 h 46 min | -0.03% | 13 min | +10 min 30 sec | 11 | 6 |
| Europe | srv-DC-lisbon | 99.97% | 695 h 46 min | -0.01% | 13 min | +3 min 35 sec | 10 | -1 |
| Europe | srv-DC-berlin | 99.98% | 695 h 49 min | 0.02% | 10 min | -8 min 5 sec | 9 | -4 |
| Asia | srv-DC-beijing | 99.98% | 695 h 48 min | 0.02% | 9 min | -10 min 15 sec | 9 | -8 |
| Africa | srv-DC-yaounde | 99.98% | 695 h 51 min | 0.04% | 8 min | -17 min 50 sec | 6 | -10 |

This report is optimised for XLS generation

**Calculation**

The availability (%) corresponds to the time for a resources in the "UP" status divided by the total time "UP"+"DOWN"

The unavailability duration corresponds to the time spent in the "DOWN" state

The exception events correspond to the number of time the "DOWN" status appeared

**Reporting period from 2/1/16 to 3/1/16 , business hours: 24x7**

1 / 1

## Hostgroup-Service-Availability-List

This report displays a list of services availability and services events for a hostgroup.

This report is optimised for XLS generation

| | | | | Availability | | | Exception events | | | | Warning events | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Host cat. | Host | Services Cat. | Service | % | Duration | Trend | Duration | Trend | Alarms | Trend | Duration | Trend | Alarms | Trend |
| Asia | fw-hongkong | Ping | ping | 99,49% | 692 h 25 min | -0,06 | 3 h 35 min | +10 min | 15 | 5 | 25 min | +15 min | 5 | 3 |
| Asia | rt-tokyo | Ping | ping | 99,50% | 692 h 30 min | 0,15 | 3 h 30 min | -1 h 20 min | 11 | -7 | 30 min | -5 min | 6 | -1 |
| Asia | sw-hongkong-( | Ping | ping | 99,59% | 693 h 10 min | 0,03 | 2 h 50 min | -25 min | 11 | 1 | 35 min | +20 min | 4 | 2 |
| Asia | sw-hongkong-( | Ping | ping | 99,60% | 693 h 15 min | -0,10 | 2 h 45 min | +35 min | 12 | 3 | 30 min | +15 min | 6 | 3 |
| Asia | rt-hongkong | Ping | ping | 99,62% | 693 h 20 min | -0,20 | 2 h 40 min | +1 h 20 min | 10 | 4 | 10 min | - | 2 | 1 |
| Asia | fw-beijing | Ping | ping | 99,68% | 693 h 45 min | -0,14 | 2 h 15 min | +55 min | 8 | 4 | 10 min | +5 min | 2 | 1 |
| Asia | fw-tokyo | Ping | ping | 99,72% | 694 h 5 min | 0,12 | 1 h 55 min | -60 min | 10 | -4 | 30 min | - | 5 | -1 |
| Asia | rt-beijing | Ping | ping | 99,77% | 694 h 25 min | 0,02 | 1 h 35 min | -15 min | 7 | 1 | 15 min | - | 3 | 0 |
| Asia | rt-beijing | CPU | cpu | 100,00% | 696 h | 0,00 | - | - | 0 | 0 | - | - | 0 | 0 |
| Asia | rt-hongkong | CPU | cpu | 100,00% | 696 h | 0,00 | - | - | 0 | 0 | - | - | 0 | 0 |
| Asia | rt-tokyo | CPU | cpu | 100,00% | 696 h | 0,00 | - | - | 0 | 0 | - | - | 0 | 0 |
| Asia | sw-hongkong-( | CPU | cpu | 100,00% | 696 h | 0,00 | - | - | 0 | 0 | - | - | 0 | 0 |
| Asia | sw-hongkong-( | CPU | cpu | 100,00% | 696 h | 0,00 | - | - | 0 | 0 | - | - | 0 | 0 |

**Calculation**

The availability corresponds to the time spent in "OK" and "WARNING" state compared to "OK+WARNING+CRITICAL" total time.

The exception events correspond to the "CRITICAL" state in Centreon.

The warning events time correspond to the "WARNING" state in Centreon.

**Hostgroup-Host-Event-List** This report displays a list of exception events on equipments

Host group **Networks**

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**Inventory of uninformative host events detected**

| | | | Period | | Performance | | |
|---|---|---|---|---|---|---|---|
| Host cat. | Host | State | Start | End | Acknowledgement | Real MTRS | Effective MTRS |
| Asia | rt-hongkong | Down | Apr 3, 2016, 9:12 AM | Apr 3, 2016, 9:16 AM | - | 3 min 40 sec | 3 min 40 sec |
| Asia | rt-hongkong | Down | Apr 3, 2016, 2:59 AM | Apr 3, 2016, 3:04 AM | - | 5 min | 5 min |
| Africa | fw-casablanca | Down | Apr 2, 2016, 11:03 PM | Apr 2, 2016, 11:06 PM | - | 3 min 25 sec | 3 min 25 sec |
| Africa | fw-cape-town | Down | Apr 2, 2016, 3:21 PM | Apr 2, 2016, 3:24 PM | - | 3 min 30 sec | 3 min 30 sec |
| Africa | fw-yaounde | Down | Apr 2, 2016, 2:48 PM | Apr 2, 2016, 2:54 PM | - | 5 min 30 sec | 5 min 30 sec |
| Africa | sw-alger-01 | Down | Apr 2, 2016, 2:32 PM | Apr 2, 2016, 2:35 PM | - | 3 min 5 sec | 3 min 5 sec |
| Africa | fw-yaounde | Down | Apr 2, 2016, 1:46 PM | Apr 2, 2016, 1:49 PM | - | 3 min 5 sec | 3 min 5 sec |
| Asia | fw-hongkong | Down | Apr 2, 2016, 11:50 AM | Apr 2, 2016, 11:50 AM | - | 10 sec | 10 sec |
| Africa | sw-alger-01 | Down | Apr 2, 2016, 9:59 AM | Apr 2, 2016, 10:02 AM | - | 2 min 55 sec | 2 min 55 sec |
| Africa | fw-cape-town | Down | Apr 2, 2016, 8:49 AM | Apr 2, 2016, 8:54 AM | - | 5 min 15 sec | 5 min 15 sec |
| Africa | sw-alger-02 | Down | Apr 2, 2016, 8:27 AM | Apr 2, 2016, 8:30 AM | - | 3 min 5 sec | 3 min 5 sec |
| Africa | rt-cape-town | Down | Apr 2, 2016, 3:19 AM | Apr 2, 2016, 3:19 AM | - | 25 sec | 25 sec |
| Asia | fw-hongkong | Down | Apr 2, 2016, 1:45 AM | Apr 2, 2016, 1:48 AM | - | 2 min 20 sec | 2 min 20 sec |
| Africa | rt-casablanca | Down | Apr 2, 2016, 12:26 AM | Apr 2, 2016, 12:27 AM | - | 50 sec | 50 sec |
| Africa | rt-cape-town | Down | Apr 1, 2016, 11:53 PM | Apr 1, 2016, 11:56 PM | - | 3 min 25 sec | 3 min 25 sec |
| Africa | sw-alger-01 | Down | Apr 1, 2016, 10:38 PM | Apr 1, 2016, 10:42 PM | - | 4 min 30 sec | 4 min 30 sec |
| Asia | sw-hongkong-02 | Down | Apr 1, 2016, 7:31 AM | Apr 1, 2016, 7:35 AM | - | 3 min 25 sec | 3 min 25 sec |
| Asia | fw-hongkong | Down | Apr 1, 2016, 6:19 AM | Apr 1, 2016, 6:22 AM | - | 2 min 50 sec | 2 min 50 sec |
| Africa | rt-yaounde | Down | Apr 1, 2016, 4:39 AM | Apr 1, 2016, 4:44 AM | - | 4 min 35 sec | 4 min 35 sec |
| Asia | rt-tokyo | Down | Apr 1, 2016, 3:57 AM | Apr 1, 2016, 3:58 AM | - | 1 min 30 sec | 1 min 30 sec |

*The acknowledgment column content corresponds to the delay between the event start time and it's acknowledgment on Centreon web interface.*
*The effective MTRS is the duration of the event strictly within the chosen timeperiod, it highlights the impact of the event in the business hours.*
*The real MTRS is the total time taken to repair the event. If an event is triggered outside the selected timeperiod, the time between the onset of the event and its first detection in an operating time range is excluded from the calculation of the real MTRS.*
*This report is optimised for XLS export format.*

**Hostgroup-Service-Event-List** This report displays the list of uninformative events on services for a hostgroup.

## Host group **Routers**

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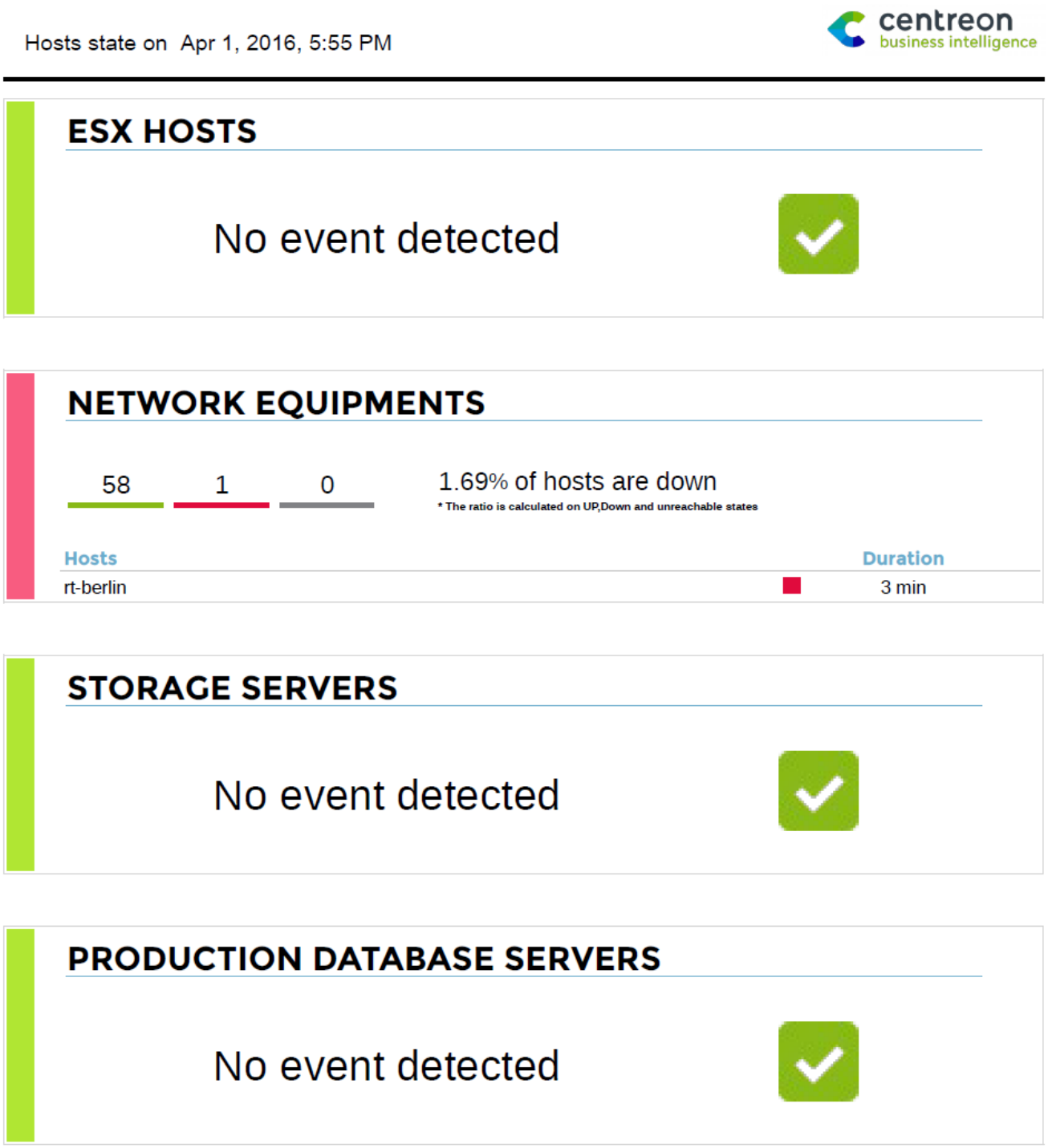
**Inventory of uninformative service events detected**

| | | | | | Period | | Performance | | |
|---|---|---|---|---|---|---|---|---|---|
| Host cat. | Host | Service Cat. | Services | State | Start | End | Acknowledgement | Real MTRS | Effective MTRS |
| Africa | rt-alger | Memory | memory | Warning | Apr 3, 2016, 11:34 PM | Apr 3, 2016, 11:49 PM | - | 15 min | 15 min |
| Europe | rt-london | Memory | memory | Critical | Apr 3, 2016, 10:02 PM | Apr 3, 2016, 10:12 PM | - | 10 min | 10 min |
| Europe | rt-bruxelles | Memory | memory | Warning | Apr 3, 2016, 9:52 PM | Apr 3, 2016, 10:02 PM | - | 10 min | 10 min |
| Europe | rt-paris | Memory | memory | Critical | Apr 3, 2016, 5:46 PM | Apr 3, 2016, 6:01 PM | - | 15 min | 15 min |
| Europe | rt-bratislava | Memory | memory | Critical | Apr 3, 2016, 5:27 PM | Apr 3, 2016, 5:52 PM | - | 25 min | 25 min |
| Europe | rt-london | Memory | memory | Warning | Apr 3, 2016, 5:13 PM | Apr 3, 2016, 5:48 PM | - | 35 min | 35 min |
| Europe | rt-paris | Memory | memory | Critical | Apr 3, 2016, 4:59 PM | Apr 3, 2016, 5:04 PM | - | 5 min | 5 min |
| Europe | rt-paris | Memory | memory | Warning | Apr 3, 2016, 4:49 PM | Apr 3, 2016, 4:59 PM | - | 10 min | 10 min |
| Africa | rt-alger | Memory | memory | Warning | Apr 3, 2016, 4:52 PM | Apr 3, 2016, 4:57 PM | - | 5 min | 5 min |
| Africa | rt-alger | Memory | memory | Critical | Apr 3, 2016, 3:50 PM | Apr 3, 2016, 3:55 PM | - | 5 min | 5 min |
| Africa | rt-casablanca | Memory | memory | Warning | Apr 3, 2016, 3:17 PM | Apr 3, 2016, 3:52 PM | - | 35 min | 35 min |
| Europe | rt-moscou | Memory | memory | Critical | Apr 3, 2016, 2:35 PM | Apr 3, 2016, 3:05 PM | - | 30 min | 30 min |
| Africa | rt-cape-town | Memory | memory | Warning | Apr 3, 2016, 12:52 PM | Apr 3, 2016, 1:27 PM | - | 35 min | 35 min |
| Europe | rt-bratislava | Memory | memory | Warning | Apr 3, 2016, 11:50 AM | Apr 3, 2016, 12:15 PM | - | 25 min | 25 min |
| Europe | rt-bruxelles | Memory | memory | Warning | Apr 3, 2016, 11:38 AM | Apr 3, 2016, 11:58 AM | - | 20 min | 20 min |
| Europe | rt-moscou | Memory | memory | Critical | Apr 3, 2016, 10:53 AM | Apr 3, 2016, 11:13 AM | - | 20 min | 20 min |
| Europe | rt-bruxelles | Memory | memory | Warning | Apr 3, 2016, 10:21 AM | Apr 3, 2016, 10:46 AM | - | 25 min | 25 min |
| Europe | rt-bruxelles | Memory | memory | Critical | Apr 3, 2016, 9:34 AM | Apr 3, 2016, 9:54 AM | - | 20 min | 20 min |
| Europe | rt-lisbon | Memory | memory | Warning | Apr 3, 2016, 8:10 AM | Apr 3, 2016, 8:45 AM | - | 35 min | 35 min |
| Europe | rt-bratislava | Ping | ping | Critical | Apr 3, 2016, 8:03 AM | Apr 3, 2016, 8:28 AM | - | 25 min | 25 min |
| Europe | rt-moscou | Memory | memory | Warning | Apr 3, 2016, 7:31 AM | Apr 3, 2016, 7:41 AM | - | 10 min | 10 min |
| Europe | rt-moscou | Memory | memory | Warning | Apr 3, 2016, 7:09 AM | Apr 3, 2016, 7:24 AM | - | 15 min | 15 min |
| Europe | rt-paris | Memory | memory | Warning | Apr 3, 2016, 6:32 AM | Apr 3, 2016, 6:42 AM | - | 10 min | 10 min |
| Europe | rt-lisbon | Memory | memory | Warning | Apr 3, 2016, 6:28 AM | Apr 3, 2016, 6:38 AM | - | 10 min | 10 min |
| Europe | rt-lisbon | Memory | memory | Warning | Apr 3, 2016, 4:21 AM | Apr 3, 2016, 4:36 AM | - | 15 min | 15 min |
| Europe | rt-paris | Memory | memory | Warning | Apr 3, 2016, 4:10 AM | Apr 3, 2016, 4:25 AM | - | 15 min | 15 min |
| Europe | rt-lisbon | Ping | ping | Critical | Apr 3, 2016, 3:12 AM | Apr 3, 2016, 3:27 AM | - | 15 min | 15 min |
| Africa | rt-cape-town | Memory | memory | Critical | Apr 3, 2016, 1:25 AM | Apr 3, 2016, 1:30 AM | - | 5 min | 5 min |
| Africa | rt-cape-town | Memory | memory | Warning | Apr 3, 2016, 1:15 AM | Apr 3, 2016, 1:25 AM | - | 10 min | 10 min |
| Europe | rt-bratislava | Memory | memory | Warning | Apr 3, 2016, 12:21 AM | Apr 3, 2016, 12:56 AM | - | 35 min | 35 min |

The acknowledgment column content corresponds to the delay between the event start time and it's acknowledgment on Centreon web interface.
The effective MTRS is the duration of the event strictly within the chosen timeperiod, it highlights the impact of the event in the business hours.
The real MTRS is the total time taken to repair the event. If an event is triggered outside the selected timeperiod, the time between the onset of the event and its first detection in an operating time range is excluded from the calculation of the real MTRS.
This report is optimised for XLS export format.

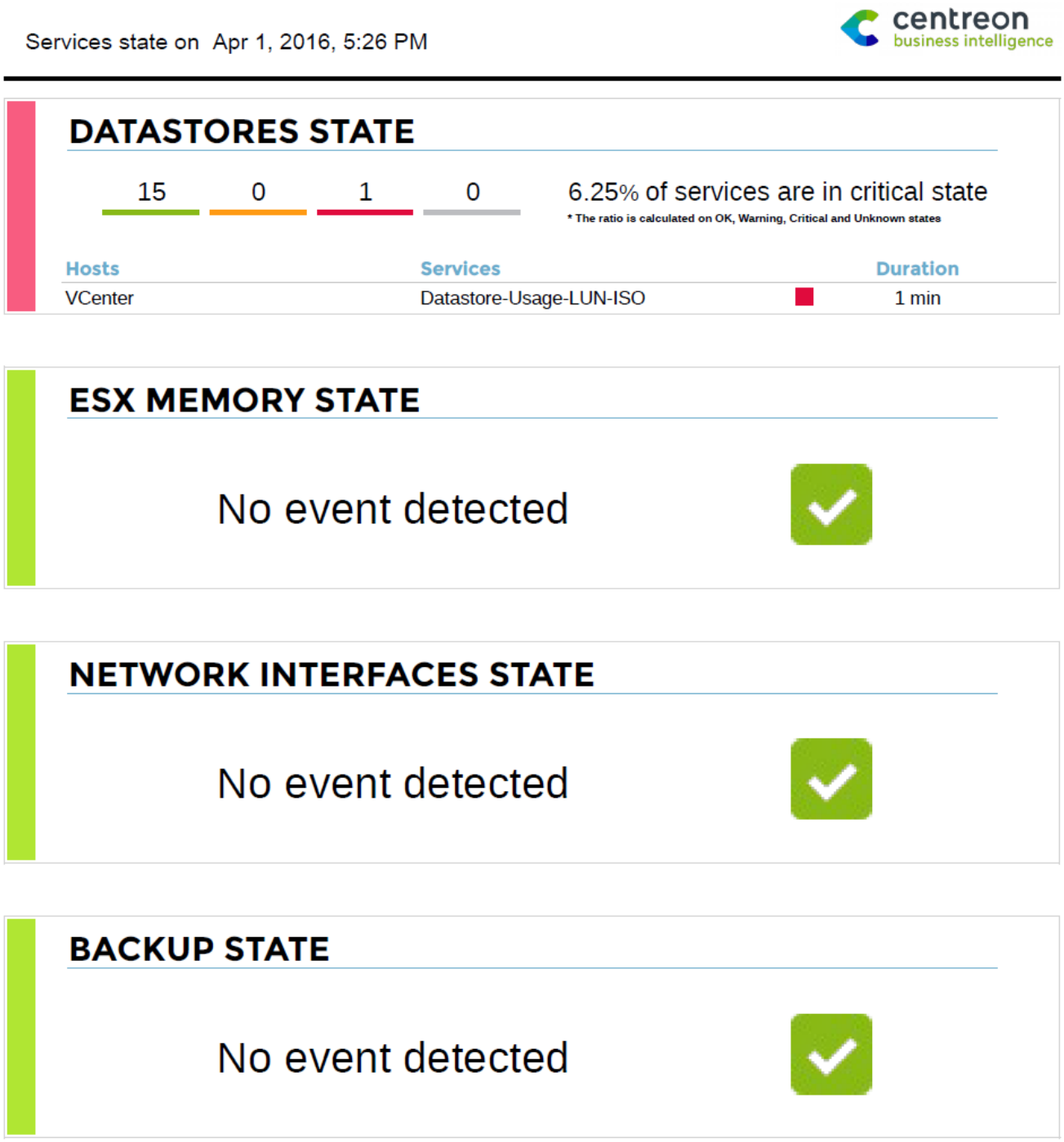
**Hostgroups-Host-Current-Events** This report displays current events on hosts at its generation. The report contains four parts. On each part, it's possible to choose a titre and resctrict the data perimeter by filtring on hostgroups and hostcategories.




1. All confirmed states are displayed
2. Alarms are sorted by state
3. Acknowledged alarms are displayed
3. Downtimes are displayed

1 / 1

**Hostgroups-Service-Current-Events** This report displays current events on services at its generation. The report contains four parts. On each part, it's possible to choose a titre and resctrict the data perimeter by filtring on hostgroups, hostcategories and service categories.



# Capacity & Performance

**Hostgroup-Capacity-Planning-Linear-Regression** This report displays the evolution and forecast of performance metrics for a hostgroup.

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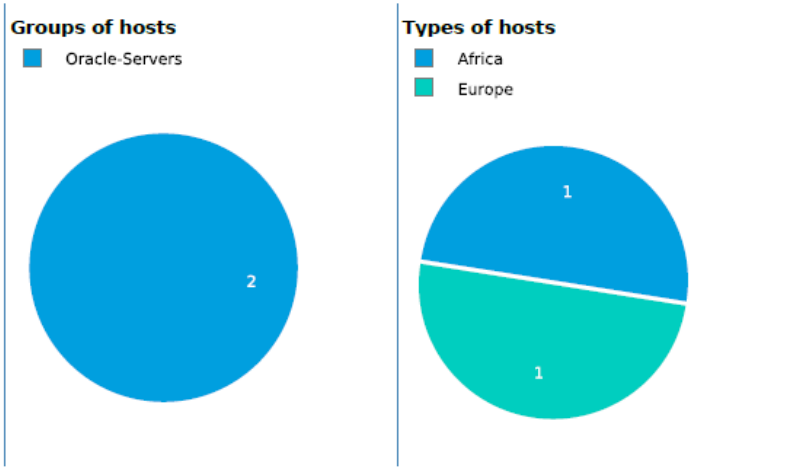
# Capacity provisional report

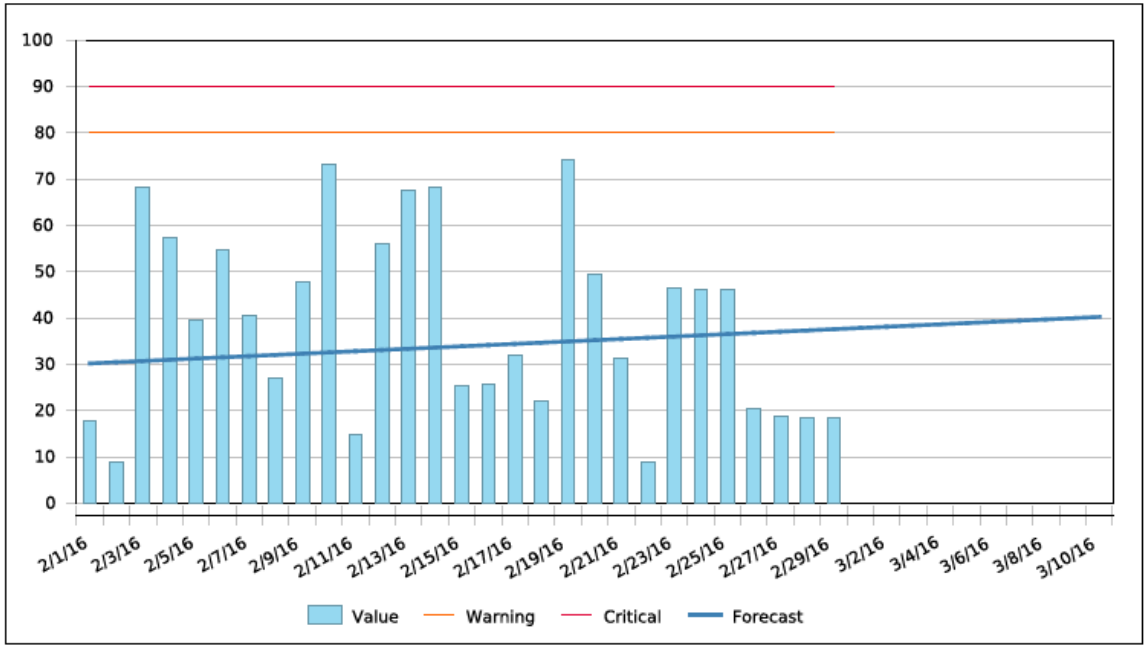
01 February 16
01 March 16




**Time period :** 24x7

srv-oracle-accounting disk-/ (metric: used)

| Date | Value | Forecast | Error index |
|---|---|---|---|
| Feb 1, 2016 | 17.65 | 30.16 | 12.52 |
| Feb 2, 2016 | 8.78 | 30.43 | 21.65 |
| Feb 3, 2016 | 68.18 | 30.69 | 37.49 |
| Feb 4, 2016 | 57.24 | 30.96 | 26.28 |
| Feb 5, 2016 | 39.58 | 31.22 | 8.36 |
| Feb 6, 2016 | 54.59 | 31.48 | 23.10 |
| Feb 7, 2016 | 40.64 | 31.75 | 8.90 |
| Feb 8, 2016 | 27.14 | 32.01 | 4.87 |
| Feb 9, 2016 | 47.66 | 32.28 | 15.39 |
| Feb 10, 2016 | 73.27 | 32.54 | 40.73 |
| Feb 11, 2016 | 14.68 | 32.80 | 18.12 |
| Feb 12, 2016 | 55.89 | 33.07 | 22.82 |
| Feb 13, 2016 | 67.71 | 33.33 | 34.38 |
| Feb 14, 2016 | 68.21 | 33.60 | 34.61 |
| Feb 15, 2016 | 25.47 | 33.86 | 8.40 |
| Feb 16, 2016 | 25.67 | 34.13 | 8.46 |
| Feb 17, 2016 | 32.05 | 34.39 | 2.34 |
| Feb 18, 2016 | 22.05 | 34.65 | 12.60 |
| Feb 19, 2016 | 74.21 | 34.92 | 39.29 |
| Feb 20, 2016 | 49.45 | 35.18 | 14.27 |
| Feb 21, 2016 | 31.38 | 35.45 | 4.06 |
| Feb 22, 2016 | 8.71 | 35.71 | 27.00 |
| Feb 23, 2016 | 46.37 | 35.98 | 10.39 |
| Feb 24, 2016 | 46.07 | 36.24 | 9.83 |
| Feb 25, 2016 | 46.07 | 36.50 | 9.56 |
| Feb 26, 2016 | 20.37 | 36.77 | 16.40 |
| Feb 27, 2016 | 18.78 | 37.03 | 18.25 |
| Feb 28, 2016 | 18.28 | 37.30 | 19.01 |
| Feb 29, 2016 | 18.48 | 37.56 | 19.08 |
| Mar 1, 2016 | | 37.83 | |
| Mar 2, 2016 | | 38.09 | |
| Mar 3, 2016 | | 38.35 | |
| Mar 4, 2016 | | 38.62 | |
| Mar 5, 2016 | | 38.88 | |
| Mar 6, 2016 | | 39.15 | |
| Mar 7, 2016 | | 39.41 | |
| Mar 8, 2016 | | 39.68 | |
| Mar 9, 2016 | | 39.94 | |
| Mar 10, 2016 | | 40.20 | |
| | | Reliability index | 18.21 |




| Saturation forecast | |
|---|---|
| Critical treshold | 90.00% |
| Number of days before saturation | 198 |

Values are expressed in percentage (%)
Daily based sampling
Sampling period to calculate the linear regression: Jan 12, 2016 - Mar 1, 2016
The forecasts are close to reality when the reliability index is less than 1

**Hostgroups-Storage-Capacity-1** This report displays statistics on allocated and used storage space for multiple hostgroups.

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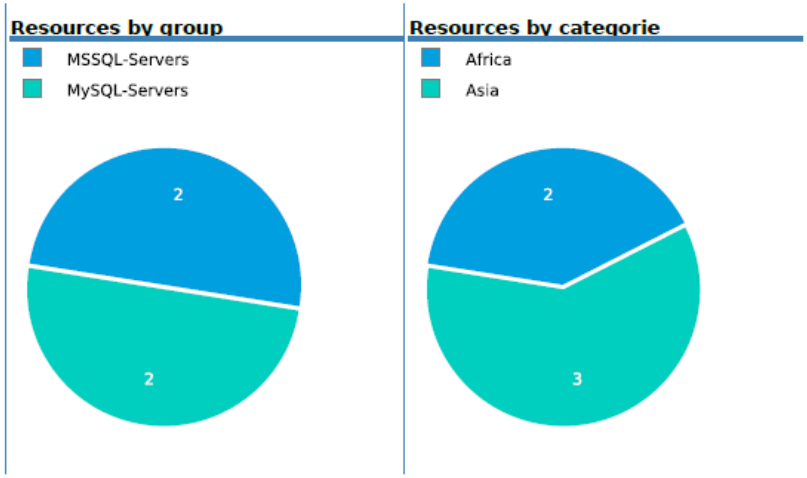
# Storage Management Report

01 March 16
01 April 16




**Time period :** 24x7

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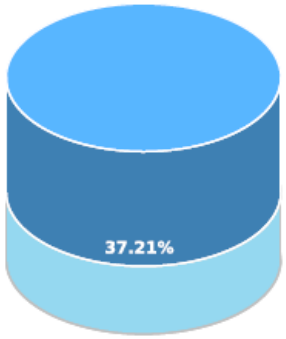
## Definition and analysis axes

**Allocated**
The allocated space is the total amount of free and used space on the storage systems.

**Used**
The used space is the total amount of space occupied on storage systems.

**Analysis axes**
- The evolution of used space compared to the allocated space.
- The evolution of allocated space by hosts category.
- The evolution of allocated space by services category.
- The evolution of used and allocated space compared to the previous month.

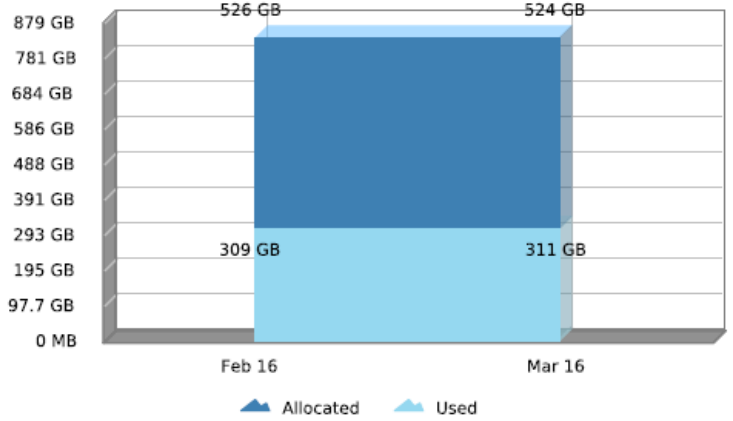
## Global information




**835 GB**
of allocated space

**311 GB**
of used space

## Allocated and used space evolution

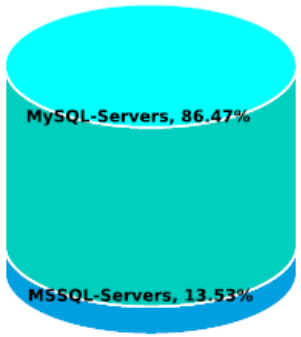



**0.00%** of additionnal allocated space compared to the previous month

**0 B** of additionnal allocated space compared to the previous month

**2.18 GB** of additionnal used space compared to the previous month for

## Allocated space/host group

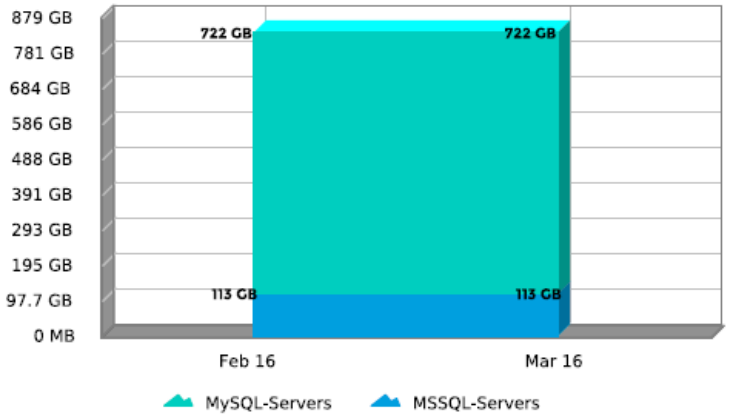



## Detailed statistics by group

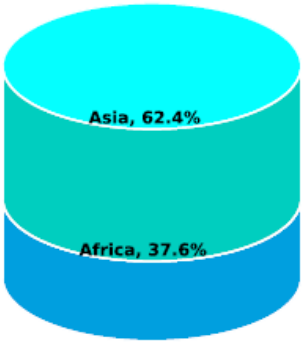
| Group | Allocated | Evolution | % used | Evolution |
|---|---|---|---|---|
| MSSQL-Servers | 113 GB | 0% (0 B) | 4.34% | -94.17% (-79.2 GB) |
| MySQL-Servers | 722 GB | 0% (0 B) | 42.36% | 36.26% (81.4 GB) |
| **Global statistics** | **835 GB** | **0% (0 B)** | **37.21%** | **0.71% (2.18 GB)** |

Evolution corresponds to the difference for the value between the beginning and the end of the reporting period

## Allocated space evolution by host group



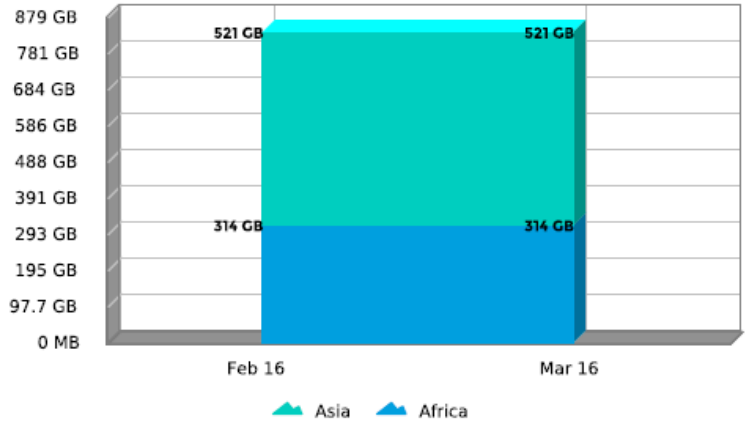
## Allocated space/host cat.




## Detailed Statistics

| Host Categories | Allocated | Evolution | % used | Evolution |
|---|---|---|---|---|
| Asia | 521 GB | 0% (0 B) | 39.97% | 35.74% (54.8 GB) |
| Africa | 314 GB | 0% (0 B) | 32.63% | -33.94% (-52.7 GB) |
| **Global statistics** | **835 GB** | **0% (0 B)** | **37.21%** | **0.71% (2.18 GB)** |

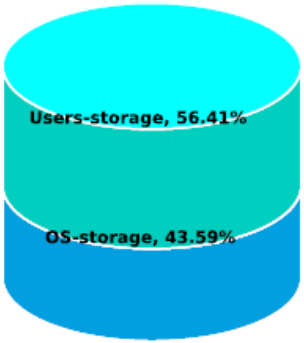
## Allocated space evolution by host category




**521 GB** of additionnal allocated space compared to the previous month for : **Asia**

**471 GB** of the storage system is allocated to the service category : **Users-storage**

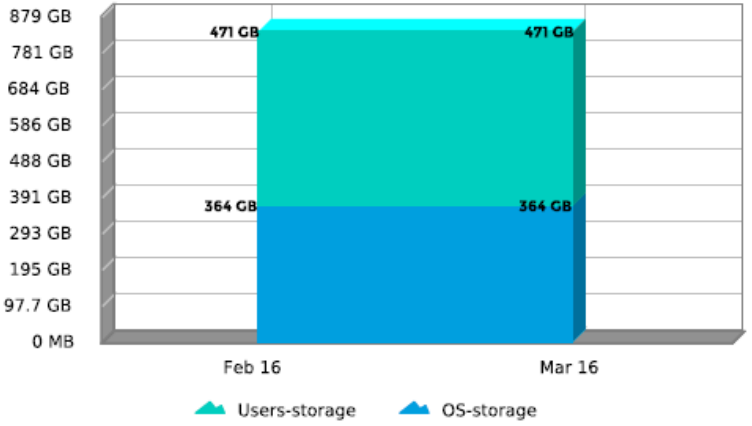
## Allocated space/service cat.



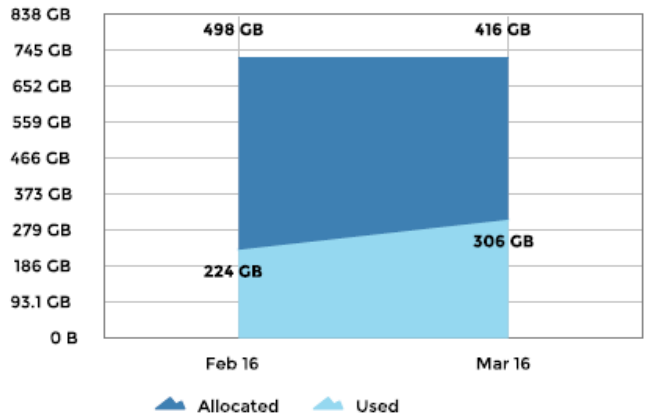

## Detailed statistics by service category

| Services Categories | Allocated | Evolution | % used | Evolution |
|---|---|---|---|---|
| OS-storage | 364 GB | 0% (0 B) | 49.14% | 40.64% (51.7 GB) |
| Users-storage | 471 GB | 0% (0 B) | 27.99% | -27.3% (-49.5 GB) |
| **Global statistics** | **835 GB** | **0% (0 B)** | **37.21%** | **0.71% (2.18 GB)** |

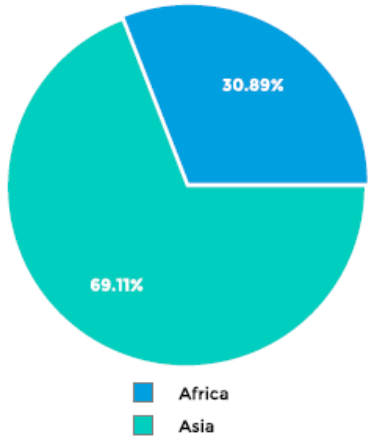
## Allocated space evolution by service category



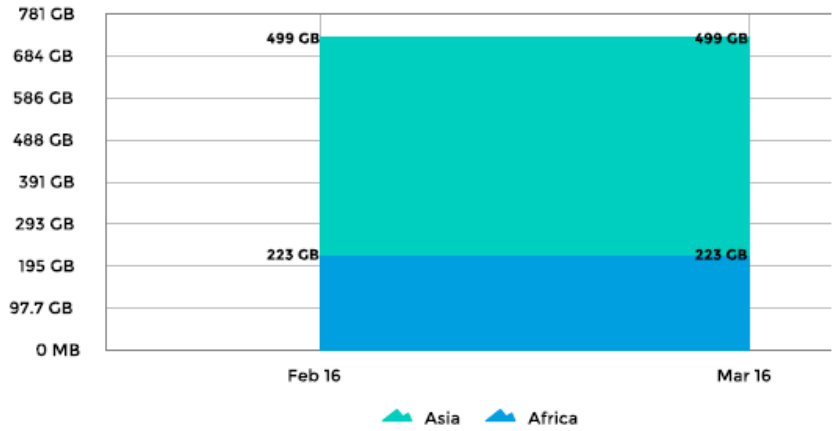
### Allocated and used space evolution




### Allocated space/host cat.




### Allocated space evolution by host category

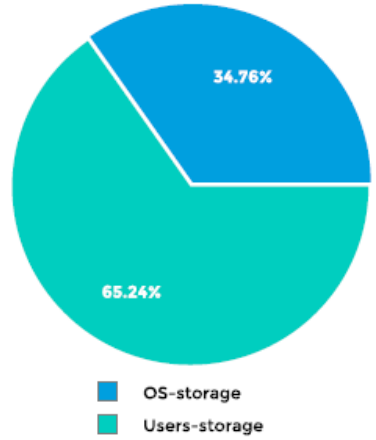



## MySQL-Servers

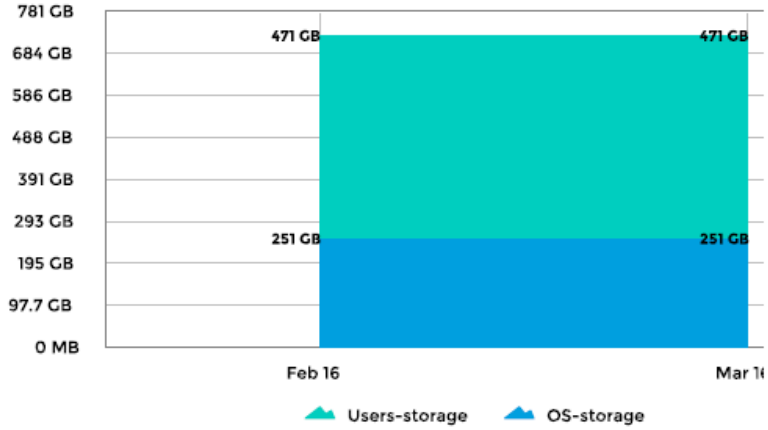
The table on the right presents the evolution in percentage of allocated and used space for all host groups.

| | Feb 16 | Mar 16 |
|---|---|---|
| Allocated | - | - |
| Used | - | +36.26% (81.4 GB) |

### Allocated space/service cat.




### Allocated space evolution by service category




### Detailed statistics by host and service category

| | Allocated | Evolution | % used | Evolution |
|---|---|---|---|---|
| Africa | 223 GB | 0% (0 B) | 45.74% | 24.31% (19.9 GB) |
| OS-storage | 57 GB | 0% (0 B) | 77.62% | 121.77% (24.3 GB) |
| Users-storage | 166 GB | 0% (0 B) | 34.79% | -7% (-4.35 GB) |
| Asia | 499 GB | 0% (0 B) | 40.84% | 43.15% (61.4 GB) |
| OS-storage | 194 GB | 0% (0 B) | 66.87% | 461.03% (107 GB) |
| Users-storage | 305 GB | 0% (0 B) | 24.29% | -37.87% (-45.2 GB) |
| **Global statistics** | **722 GB** | **0% (0 B)** | **42.36%** | **36.26% (81.4 GB)** |

**Hostgroup-Storage-Capacity-List** This report displays the list of storage spaces usage for a hostgroup.

Host group **Database-Servers**

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**Space allocated/used by host**

| | | Allocation | | Occupation | | | |
|---|---|---|---|---|---|---|---|
| Resource | Partition | Allocated | Evolution | Used | % used | Evolution | Time before saturation |
| srv-oracle-accounting | disk-/ | 286 GB | 0 %(0 B) | 148 GB | 51.80% | -37.97 % (-90.7 GB) | - |
| srv-mssql-01 | disk-C | 91 GB | 0 %(0 B) | 44.4 GB | 48.80% | 17.1 % (6.48 GB) | 44 day(s) |
| srv-mysql-01 | disk-/usr | 180 GB | 0 %(0 B) | 84.2 GB | 46.75% | -34.5 % (-44.3 GB) | - |
| srv-mysql-02 | disk-/usr | 124 GB | 0 %(0 B) | 55 GB | 44.35% | -30.3 % (-23.9 GB) | - |
| srv-oracle-users | disk-/ | 89 GB | 0 %(0 B) | 36.9 GB | 41.44% | -29.37 % (-15.3 GB) | - |
| srv-oracle-users | disk-/usr | 52 GB | 0 %(0 B) | 19.1 GB | 36.68% | -26.61 % (-6.92 GB) | - |
| srv-oracle-crm | disk-/ | 18 GB | 0 %(0 B) | 6.49 GB | 36.05% | 37.16 % (1.76 GB) | 40 day(s) |
| srv-oracle-crm | disk-/usr | 148 GB | 0 %(0 B) | 52.7 GB | 35.62% | 31.07 % (12.5 GB) | 46 day(s) |
| srv-mysql-01 | disk-/ | 114 GB | 0 %(0 B) | 39.7 GB | 34.80% | -36.34 % (-22.6 GB) | - |
| srv-oracle-accounting | disk-/usr | 346 GB | 0 %(0 B) | 116 GB | 33.43% | -44.34 % (-92.1 GB) | - |
| srv-mysql-02 | disk-/ | 137 GB | 0 %(0 B) | 43.2 GB | 31.55% | 191.82 % (28.4 GB) | 20 day(s) |
| srv-mssql-02 | disk-C | 22 GB | 0 %(0 B) | 5.95 GB | 27.03% | 592.16 % (5.09 GB) | 19 day(s) |
| srv-oracle-accounting | disk-/home | 312 GB | 0 %(0 B) | 75.1 GB | 24.07% | 10.35 % (7.05 GB) | 3+ months |
| srv-oracle-crm | disk-/home | 6 GB | 0 %(0 B) | 1.19 GB | 19.86% | -71.36 % (-2.97 GB) | - |
| srv-mysql-02 | disk-/home | 15 GB | 0 %(0 B) | 1.89 GB | 12.60% | 62.94 % (747 MB) | 3+ months |
| srv-mysql-01 | disk-/home | 152 GB | 0 %(0 B) | 19.1 GB | 12.60% | -29.49 % (-8.01 GB) | - |
| srv-oracle-users | disk-/home | 39 GB | 0 %(0 B) | 2.59 GB | 6.65% | -44.55 % (-2.08 GB) | - |

**Hostgroup-Storage-Capacity-2** This report gives detailed storage statistics and the storage space evolution of a hostgroup.

Host group **Linux-Servers**

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### Definition and axis analysis

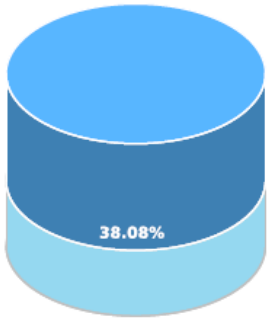
**Allocated**
The allocated space is the total amount of free and used space on the storage systems.

**Used**
The used space is the total amount of space occupied on storage systems.

**Evolution**
Evolution corresponds to the difference for the value between the beginning and the end of the reporting period

**Time before saturation**
The saturation delay is calculated assuming that the evolution will be the same throughout a same reporting period.

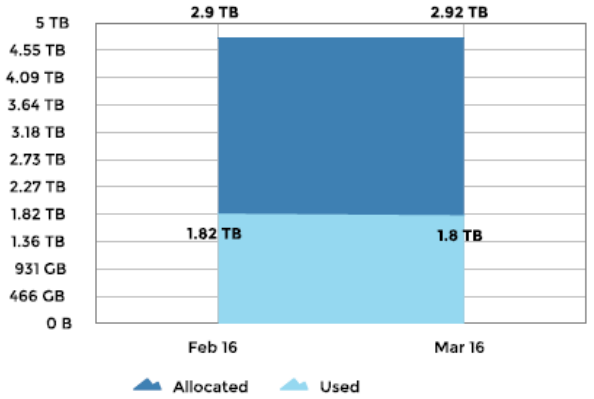
### Global information




4.71 TB
of allocated space

1.8 TB
of used space

### Allocated and used space evolution




On the right, the evolution in percentage of the used and allocated space for the group. The evolution is calculated relative to the values of the previous month. This allows to show if the increase of the allocated storage space is consistent compared to the used storage space.

| | Mar 2016 | |
|---|---|---|
| Allocated | - | - |
| Used | - | -1.14% (-21.2 GB) |

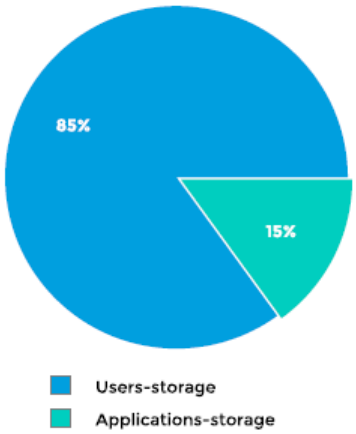
### Top 10 - time before saturation

| | | Occupation | | | |
|---|---|---|---|---|---|
| Resource | Partition | Allocated | % used | Evolution | Time before saturation |
| mail-ganymede-backend | disk-/var/spool/cyrus | 192 GB | 97.04% | 181 GB | 1 day(s) |
| srv-oracle-crm | disk-/usr | 148 GB | 99.27% | 25.5 GB | 2 day(s) |
| mail-jupiter-frontend | disk-/usr | 112 GB | 95.71% | 58.8 GB | 3 day(s) |
| mail-venus-frontend | disk-/usr | 88 GB | 66.69% | 51 GB | 18 day(s) |
| mail-mars-frontend | disk-/home | 44 GB | 71.44% | 22.5 GB | 18 day(s) |
| mail-titan-gateway | disk-/home | 134 GB | 76.96% | 37.7 GB | 26 day(s) |
| mail-mars-frontend | disk-/usr | 5 GB | 73.16% | 870 MB | 49 day(s) |
| mail-titan-gateway | disk-/usr | 182 GB | 42.51% | 57.6 GB | 57 day(s) |
| mail-uranus-frontend | disk-/home | 41 GB | 31.97% | 12.7 GB | 69 day(s) |
| srv-oracle-crm | disk-/home | 6 GB | 44.10% | 1.2 GB | 87 day(s) |

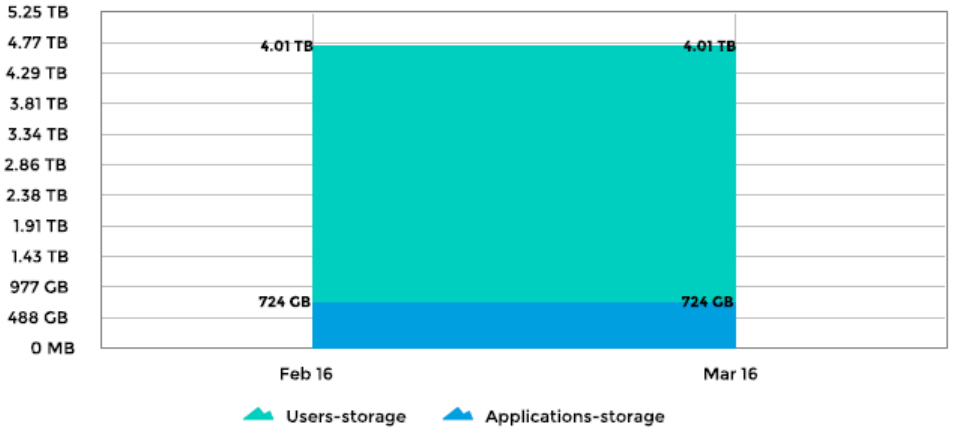
### Top 10 - storage space usage

| | | Occupation | | | |
|---|---|---|---|---|---|
| Resource | Partition | Allocated | Used | % used | Evolution |
| srv-oracle-crm | disk-/usr | 148 GB | 147 GB | 99.27% | 20.98 % |
| mail-ganymede-backend | disk-/var/spool/cyrus | 192 GB | 186 GB | 97.04% | 3699.4 % |
| mail-jupiter-frontend | disk-/usr | 112 GB | 107 GB | 95.71% | 121.46 % |
| mail-titan-gateway | disk-/home | 134 GB | 103 GB | 76.96% | 57.56 % |
| mail-europa-backend | disk-/home | 54 GB | 40.1 GB | 74.25% | 11.46 % |
| mail-mars-frontend | disk-/usr | 5 GB | 3.66 GB | 73.16% | 30.25 % |
| mail-mars-frontend | disk-/home | 44 GB | 31.4 GB | 71.44% | 252.98 % |
| mail-venus-frontend | disk-/usr | 88 GB | 58.7 GB | 66.69% | 658.97 % |
| mail-saturn-frontend | disk-/usr | 22 GB | 13.5 GB | 61.36% | -37.8 % |
| mail-ganymede-backend | disk-/usr | 106 GB | 61.9 GB | 58.38% | 1.69 % |

## Allocated space/service cat.




## Allocated space evolution by service category




## Key Numbers

**85.00%**

of the total space is allocated to the service category **Users-storage**

**0 B**

of the storage system is allocated to the service category **Users-storage** which is the highest increase during this period.

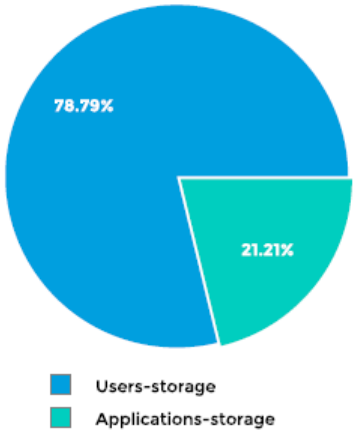
**+ 200 GB**

of additionnal used space compared to the previous month for **Applications-storage** which disk used percentage is the highest.

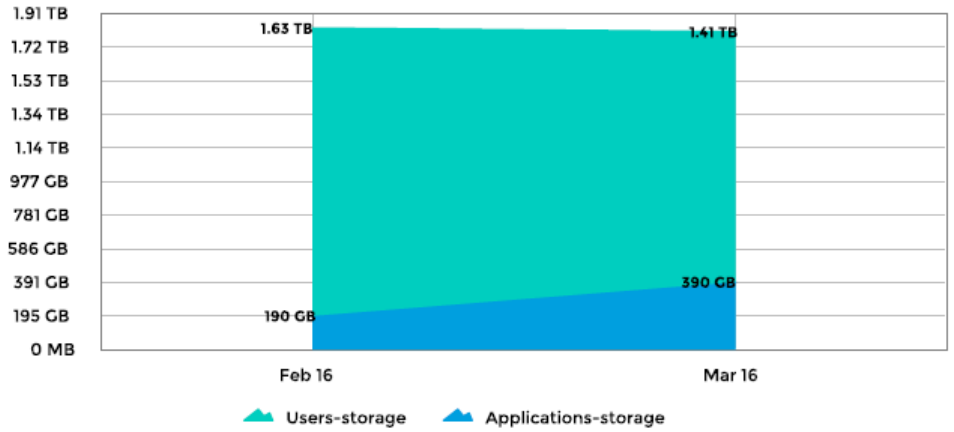
## Detailed statistics by service category

| | Allocated | | | Used | | |
|---|---|---|---|---|---|---|
| Services Categories | Allocated | % allocated | Evolution | Used | % used | Evolution |
| Users-storage | 4.01 TB | 85.00% | 0% (0 B) | 1.41 TB | 35.30% | -13.25% (-221 GB) |
| Applications-storage | 724 GB | 15.00% | 0% (0 B) | 390 GB | 53.85% | 105.37% (200 GB) |
| **Global statistics** | **4.71 TB** | | **0% (0 B)** | **1.8 TB** | **38.08%** | **-1.14% (-21.2 GB)** |

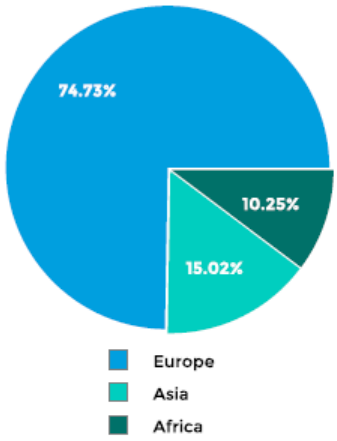
## Used space/service cat.



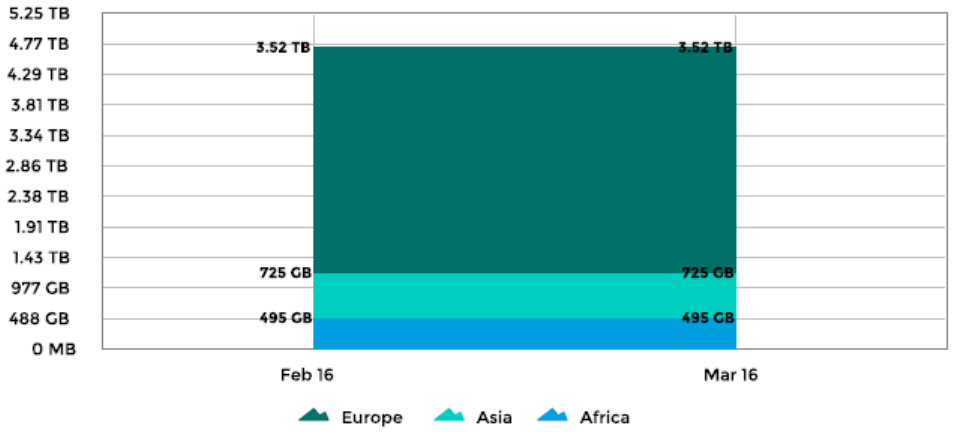

## Used space evolution by service category



## Allocated space/host cat.




## Allocated space evolution by host category




## Key Numbers

**74.73%**

of the total space is allocated to the host category **Europe**

**0 B**

of additionnal allocated space compared to the previous month for **Asia** which is the highest increase during this period.

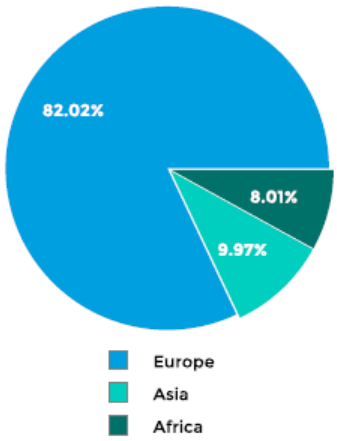
**+ 15.1 GB**

of additionnal used space compared to the previous month for **Africa** which disk used percentage is the highest.

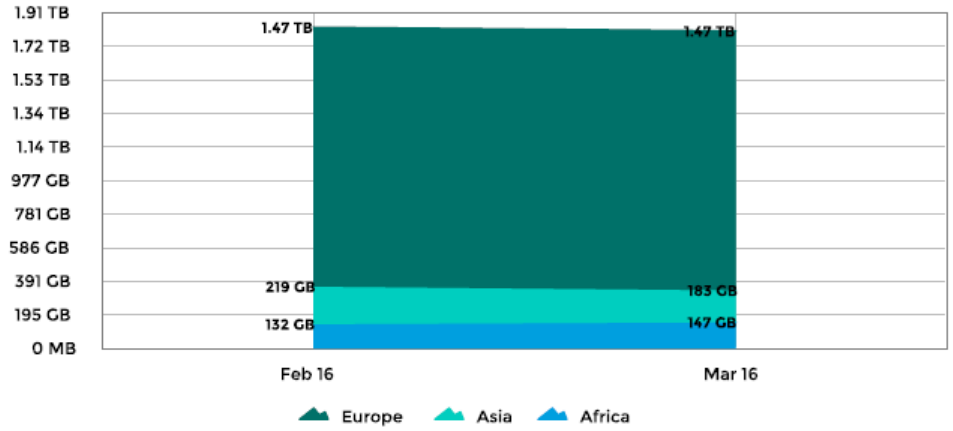
## Detailed statistics by host category

| | Allocated | | | Used | | |
|---|---|---|---|---|---|---|
| **Host Categories** | **Allocated** | **% allocated** | **Evolution** | **Used** | **% used** | **Evolution** |
| Asia | 725 GB | 15.02% | 0% (0 B) | 183 GB | 25.28% | -16.24% (-35.6 GB) |
| Europe | 3.52 TB | 74.73% | 0% (0 B) | 1.47 TB | 41.80% | -0.05% (-771 MB) |
| Africa | 495 GB | 10.25% | 0% (0 B) | 147 GB | 29.76% | 11.4% (15.1 GB) |
| **Global statistics** | **4.71 TB** | | **0% (0 B)** | **1.8 TB** | **38.08%** | **-1.14% (-21.2 GB)** |

## Used space/host cat.




## Used space evolution by host category



## Space allocated/used by host

| | | Allocation | | Occupation | | | |
|---|---|---|---|---|---|---|---|
| Resource | Partition | Allocated | Evolution | Used | % used | Evolution | Time before saturation |
| mail-callisto-backend | disk-/usr | 37 GB | 0 %(0 B) | 8.66 GB | 23.39% | -6.83 % (-650 MB) | - |
| srv-oracle-accounting | disk-/home | 312 GB | 0 %(0 B) | 49.6 GB | 15.89% | -11.15 % (-6.22 GB) | - |
| mail-io-backend | disk-/var/spool/cyrus | 184 GB | 0 %(0 B) | 51 GB | 27.70% | -6.25 % (-3.4 GB) | - |
| mail-mercury-frontend | disk-/usr | 159 GB | 0 %(0 B) | 36.8 GB | 23.15% | -20.38 % (-9.42 GB) | - |
| srv-mysql-02 | disk-/home | 15 GB | 0 %(0 B) | 4.2 GB | 28.03% | -25.72 % (-1.46 GB) | - |
| mail-europa-backend | disk-/usr | 34 GB | 0 %(0 B) | 7.51 GB | 22.09% | -34.19 % (-3.9 GB) | - |
| mail-europa-backend | disk-/var/spool/cyrus | 148 GB | 0 %(0 B) | 73.5 GB | 49.65% | -18.09 % (-16.2 GB) | - |
| mail-jupiter-frontend | disk-/home | 54 GB | 0 %(0 B) | 24.7 GB | 45.75% | -20.61 % (-6.41 GB) | - |
| srv-oracle-users | disk-/usr | 52 GB | 0 %(0 B) | 7.26 GB | 13.96% | -60.63 % (-11.2 GB) | - |
| mail-earth-frontend | disk-/home | 112 GB | 0 %(0 B) | 24.3 GB | 21.66% | -54.6 % (-29.2 GB) | - |
| srv-mysql-02 | disk-/usr | 124 GB | 0 %(0 B) | 12.1 GB | 9.78% | -76.45 % (-39.4 GB) | - |
| srv-mysql-01 | disk-/usr | 180 GB | 0 %(0 B) | 70.1 GB | 38.92% | -36.41 % (-40.1 GB) | - |
| mail-earth-frontend | disk-/usr | 94 GB | 0 %(0 B) | 45.7 GB | 48.66% | -29.68 % (-19.3 GB) | - |
| mail-callisto-backend | disk-/home | 29 GB | 0 %(0 B) | 12.9 GB | 44.60% | -34.33 % (-6.76 GB) | - |
| mail-saturn-frontend | disk-/home | 200 GB | 0 %(0 B) | 99.6 GB | 49.78% | -31.18 % (-45.1 GB) | - |
| mail-venus-frontend | disk-/home | 191 GB | 0 %(0 B) | 22.6 GB | 11.84% | -77.37 % (-77.3 GB) | - |
| mail-sun-master | disk-/home | 170 GB | 0 %(0 B) | 9.73 GB | 5.73% | -89.01 % (-78.8 GB) | - |
| mail-sun-master | disk-/usr | 68 GB | 0 %(0 B) | 25.9 GB | 38.09% | -46.18 % (-22.2 GB) | - |
| mail-neptune-frontend | disk-/home | 132 GB | 0 %(0 B) | 8.5 GB | 6.44% | -88.76 % (-67.1 GB) | - |
| mail-neptune-frontend | disk-/usr | 118 GB | 0 %(0 B) | 16.6 GB | 14.10% | -78.55 % (-60.9 GB) | - |
| mail-io-backend | disk-/usr | 123 GB | 0 %(0 B) | 9.32 GB | 7.58% | -88.56 % (-72.2 GB) | - |
| mail-saturn-frontend | disk-/usr | 22 GB | 0 %(0 B) | 13.5 GB | 61.36% | -37.8 % (-8.2 GB) | - |
| mail-ganymede-backend | disk-/var/spool/cyrus | 192 GB | 0 %(0 B) | 186 GB | 97.04% | 3699.4 % (181 GB) | 1 day(s) |
| srv-oracle-crm | disk-/usr | 148 GB | 0 %(0 B) | 147 GB | 99.27% | 20.98 % (25.5 GB) | 2 day(s) |
| mail-jupiter-frontend | disk-/usr | 112 GB | 0 %(0 B) | 107 GB | 95.71% | 121.46 % (58.8 GB) | 3 day(s) |
| mail-venus-frontend | disk-/usr | 88 GB | 0 %(0 B) | 58.7 GB | 66.69% | 658.97 % (51 GB) | 18 day(s) |
| mail-mars-frontend | disk-/home | 44 GB | 0 %(0 B) | 31.4 GB | 71.44% | 252.98 % (22.5 GB) | 18 day(s) |
| mail-titan-gateway | disk-/home | 134 GB | 0 %(0 B) | 103 GB | 76.96% | 57.56 % (37.7 GB) | 26 day(s) |
| mail-mars-frontend | disk-/usr | 5 GB | 0 %(0 B) | 3.66 GB | 73.16% | 30.25 % (870 MB) | 49 day(s) |
| mail-titan-gateway | disk-/usr | 182 GB | 0 %(0 B) | 77.4 GB | 42.51% | 291.35 % (57.6 GB) | 57 day(s) |
| mail-uranus-frontend | disk-/home | 41 GB | 0 %(0 B) | 13.1 GB | 31.97% | 3171.19 % (12.7 GB) | 69 day(s) |
| srv-oracle-crm | disk-/home | 6 GB | 0 %(0 B) | 2.65 GB | 44.10% | 82.97 % (1.2 GB) | 87 day(s) |
| mail-callisto-backend | disk-/var/spool/cyrus | 200 GB | 0 %(0 B) | 79.1 GB | 39.56% | 93.62 % (38.3 GB) | 3+ months |
| mail-europa-backend | disk-/home | 54 GB | 0 %(0 B) | 40.1 GB | 74.25% | 11.46 % (4.12 GB) | 3+ months |
| srv-mysql-01 | disk-/home | 152 GB | 0 %(0 B) | 45.5 GB | 29.90% | 223.89 % (31.4 GB) | 3+ months |
| srv-oracle-accounting | disk-/usr | 346 GB | 0 %(0 B) | 130 GB | 37.44% | 53.35 % (45.1 GB) | 3+ months |
| mail-uranus-frontend | disk-/usr | 105 GB | 0 %(0 B) | 42.9 GB | 40.88% | 29.93 % (9.89 GB) | 3+ months |
| mail-io-backend | disk-/home | 177 GB | 0 %(0 B) | 47.3 GB | 26.73% | 67.52 % (19.1 GB) | 3+ months |
| srv-oracle-users | disk-/home | 39 GB | 0 %(0 B) | 12.4 GB | 31.84% | 12.39 % (1.37 GB) | 3+ months |
| mail-ganymede-backend | disk-/home | 99 GB | 0 %(0 B) | 11.7 GB | 11.77% | 54.55 % (4.11 GB) | 3+ months |
| mail-ganymede-backend | disk-/usr | 106 GB | 0 %(0 B) | 61.9 GB | 58.38% | 1.69 % (1.03 GB) | 3+ months |
| mail-mercury-frontend | disk-/home | 39 GB | 0 %(0 B) | 3.42 GB | 8.78% | 24.28 % (685 MB) | 3+ months |

**Hostgroups-Rationalization-Of-Resources-1** This report gives a global view of resources usage by hostgroups and displays hosts and hostgroups that are overloaded or underused.

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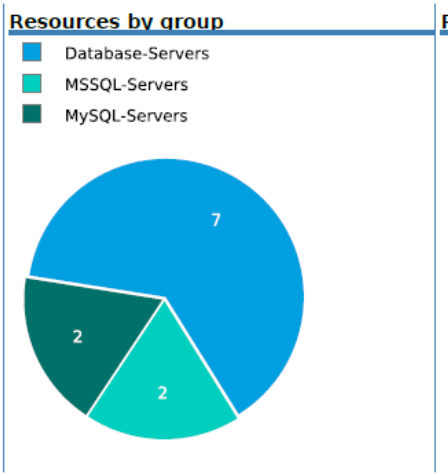
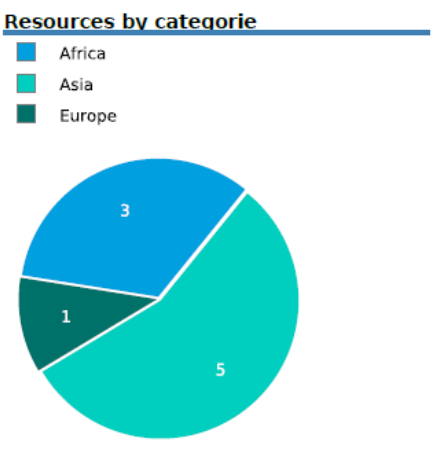
# Resources rationalization

**Time period :** 24x7

**Resources by group**




**Resources by categorie**




01 March 16
01 April 16

1 / 5

### Underused host (-)

A host is considered as underused if the average value of the **-Memory-** indicator, for a time period is below the underuse treshold

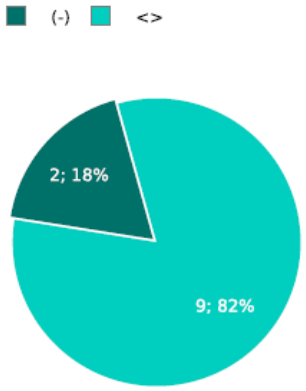
### Stable host <>

A host is considered as stable if the average value of the **-Memory-** indicator, for a time period is between the underuse and the overload tresholds

### Overloaded host (+)

A host is considered as overloaded if the average value of the **-Memory-** indicator, for a time period is above the overload treshold

### Global Distribution of hosts




### Trend

0.00%

of overloaded hosts compared to previous period.

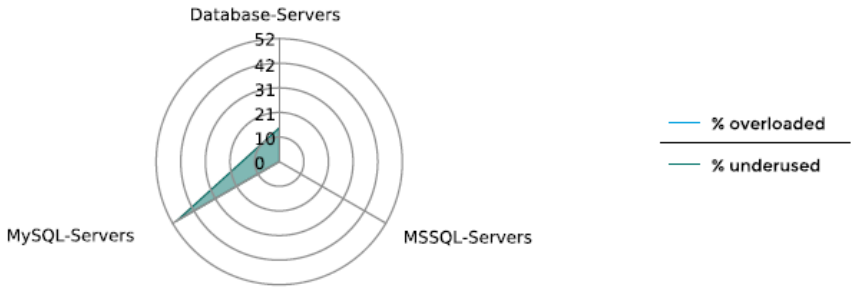
-33.33%

of underused hosts compared to previous period.

-

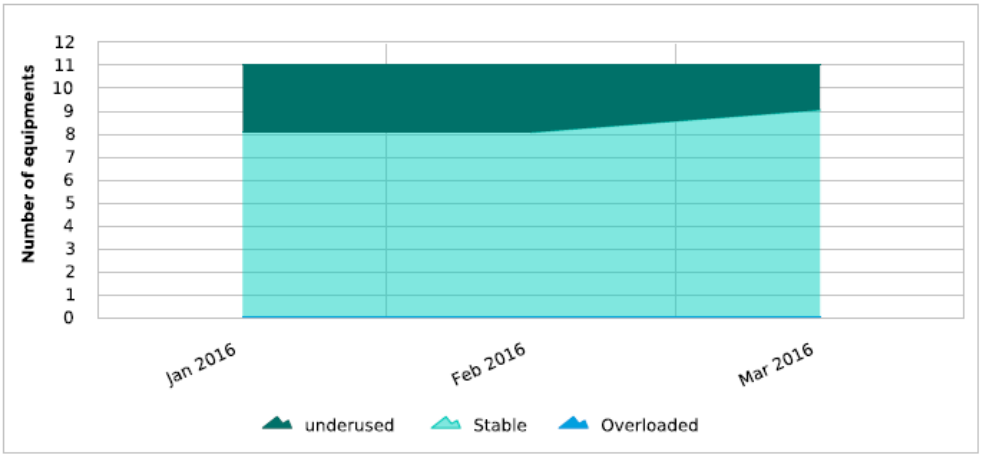
The number of hosts has not evolved compared to previous period

### Number of overloaded/underused/stable hosts by group




| | Hosts | | | | | |
|---|---|---|---|---|---|---|
| Groups | Total | underused | | Overloaded | | Stable | |
| Database-Servers | 7 | 14.29% | (1) | 0.00% | (0) | 85.71% | (6) |
| MSSQL-Servers | 2 | 0.00% | (0) | 0.00% | (0) | 100.00% | (2) |
| MySQL-Servers | 2 | 50.00% | (1) | 0.00% | (0) | 50.00% | (1) |
| **Global Statistics** | **11** | **18.18%** | **(2)** | **0.00%** | **(0)** | **81.82%** | **(9)** |

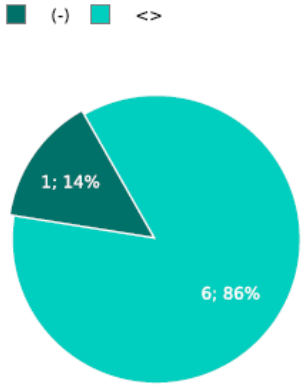
### Overloaded/underused/stable hosts evolution




| | 2016 | | |
|---|---|---|---|
| | January | February | March |
| (-) | 27.27% (3) | 27.27% (3) | 18.18% (2) |
| <> | 72.73% (8) | 72.73% (8) | 81.82% (9) |

# Database-Servers

## Host distribution




## Overloaded hosts

Overloaded hosts of this group represent

0.00%

of all host groups

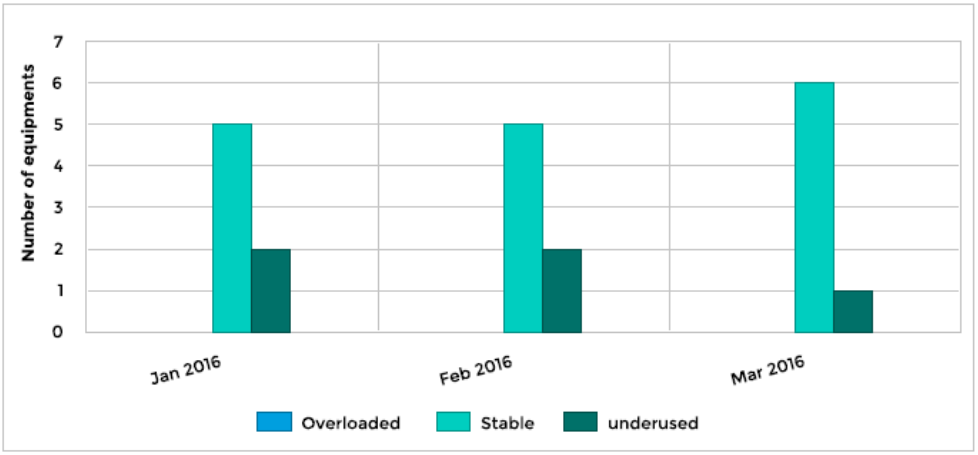
## Underused hosts

Underused hosts of this group represent

50.00%

of all host groups

## Overloaded/underused/stable hosts evolution




## The most overloaded hosts

| Hosts | Average | Deviation |
|---|---|---|

## The most underused hosts

| Hosts | Average | Deviation |
|---|---|---|
| srv-mysql-02 | 39.08 | 7.84 |

The standard deviation is the average distribution of measured values in relation to the presented indicator average value. A low deviation indicates that the value varies slightly over time

**Hostgroup-Service-Metric-Performance-List** This report displays a list of average performances data for a list of services. It also gives the minimum and the maximum value reached of the period, the warning and the critical thresholds.

Host group **Database-Servers**

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**Performance data by metric**

| | | | | | Value | | | | Threshold | |
|---|---|---|---|---|---|---|---|---|---|---|
| Host cat. | Hosts | Service cat. | Service | Metric | Average | Min value | Max reached | Max reachable | Warning | Critical |
| Asia | srv-mssql-02 | Memory | memory | used | 39.68 | 2.87 | 93.63 | 2147480000 | 80 | 90 |
| Asia | srv-mysql-01 | Memory | memory | used | 40.17 | 2.59 | 93.59 | 17179900000 | 80 | 90 |
| Asia | srv-mysql-02 | Memory | memory | used | 43.29 | 3.70 | 92.27 | 2147480000 | 80 | 90 |
| Asia | srv-oracle-accounting | Memory | memory | used | 39.80 | 1.90 | 94.73 | 1073740000 | 80 | 90 |
| Asia | srv-oracle-users | Memory | memory | used | 40.68 | 2.10 | 91.98 | 13958600000 | 80 | 90 |
| Europe | srv-oracle-crm | Memory | memory | used | 40.51 | 3.06 | 93.04 | 10737400000 | 80 | 90 |
| Africa | srv-mssql-01 | Memory | memory | used | 40.62 | 2.55 | 93.87 | 2147480000 | 80 | 90 |
| Africa | srv-mysql-01 | Memory | memory | used | 40.17 | 2.59 | 93.59 | 17179900000 | 80 | 90 |
| Africa | srv-oracle-accounting | Memory | memory | used | 39.80 | 1.90 | 94.73 | 1073740000 | 80 | 90 |

**Reporting period from 2/1/16 to 3/1/16 , business hours: 24x7**

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**Hostgroups-Categories-Performance-List** This report displays a list of average performances data for a list of host groups, host categories and service categories. It gives also the minimum and the maximum value reached on the period.

CPU usage

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Performance average list by host groups, host categories and services categories

| Groups | Host cat. | Service cat. | Average | Max reached | Min value |
|---|---|---|---|---|---|
| Windows-Servers | Asia | CPU | 62.50 | 84.6 | 40.4 |
| Windows-Servers | Europe | CPU | 62.50 | 84.82 | 40.26 |
| Windows-Servers | Africa | CPU | 62.47 | 84.61 | 40.13 |

# Network

**Hostgroup-Traffic-average-By-Interface** This report displays the average usage of network interfaces bandwith for a hostgroup.

Host group **Windows-Servers**

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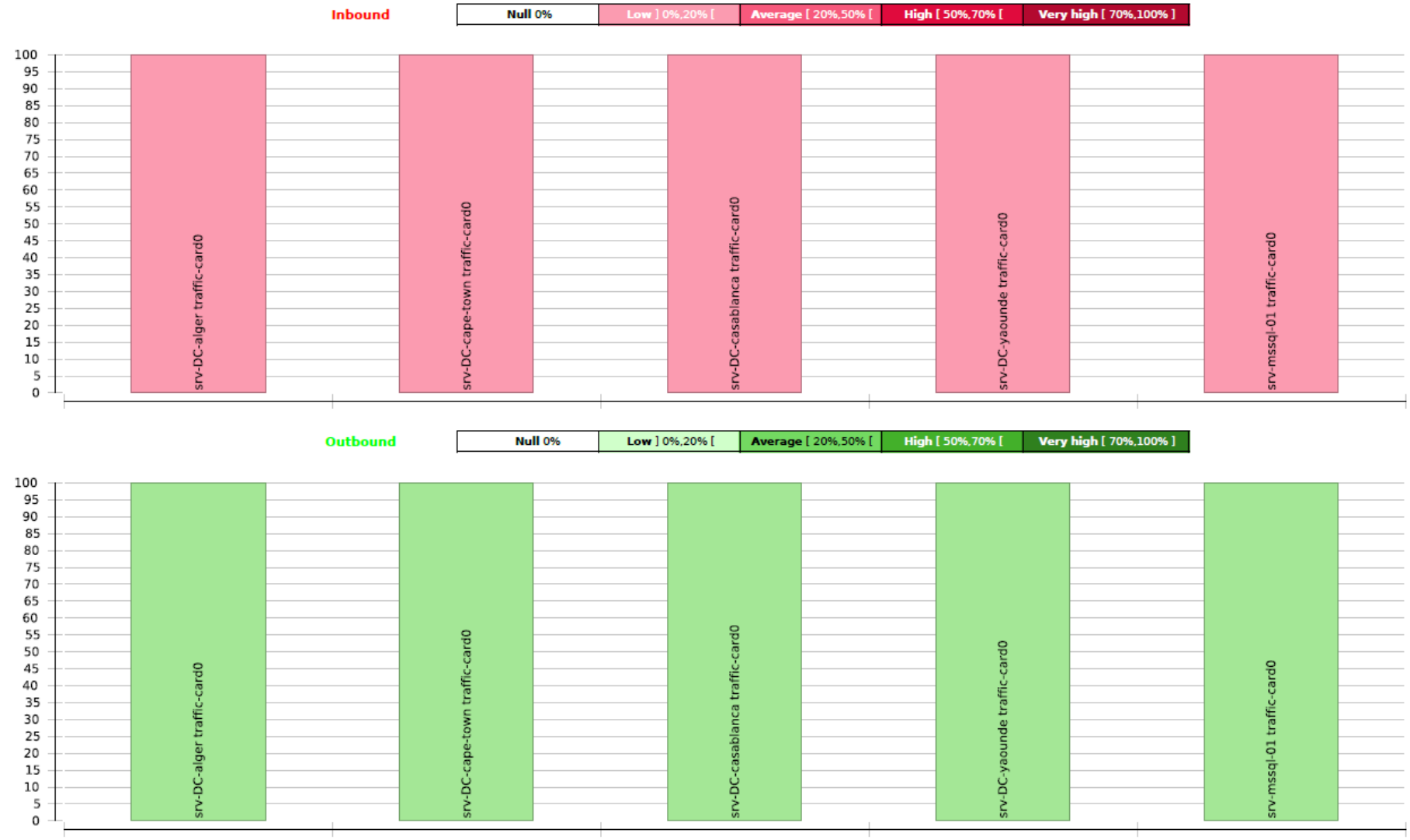
The following histograms show the distribution of the bandwidth usage by network link.

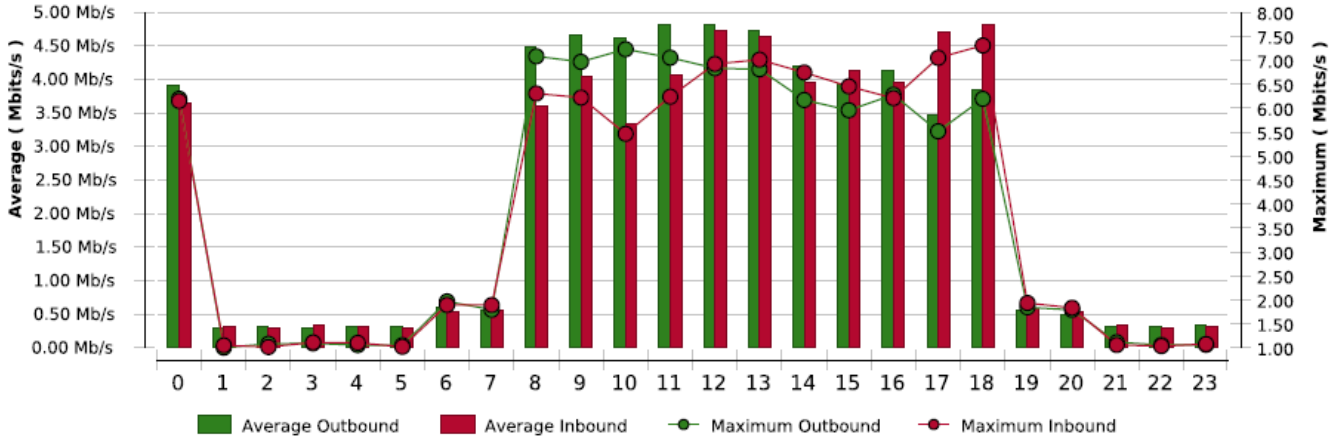



Reporting period from 2/1/16 to 3/1/16

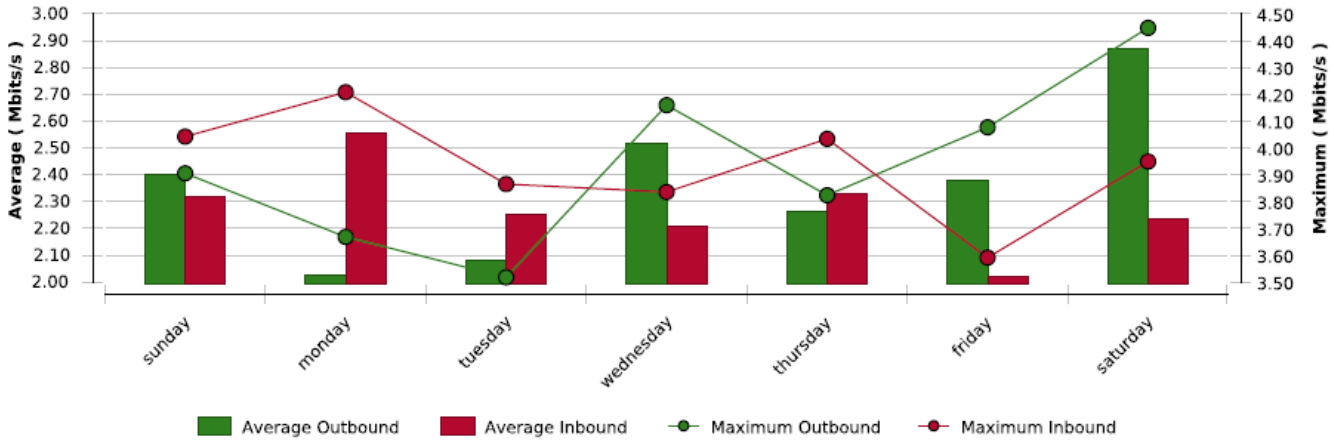
1 / 6

## traffic-card0 of srv-DC-alger

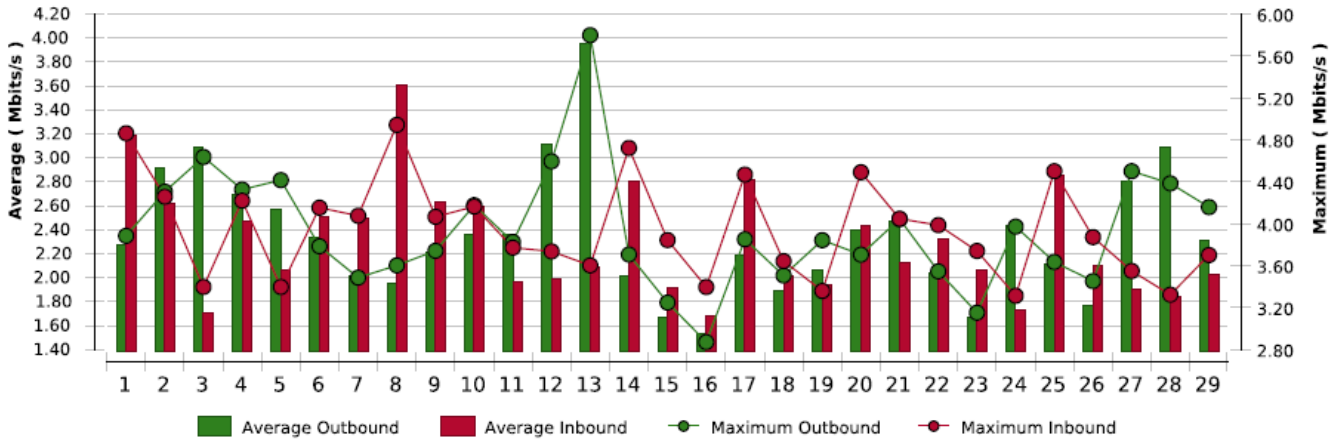
### Distribution per hour on the interface



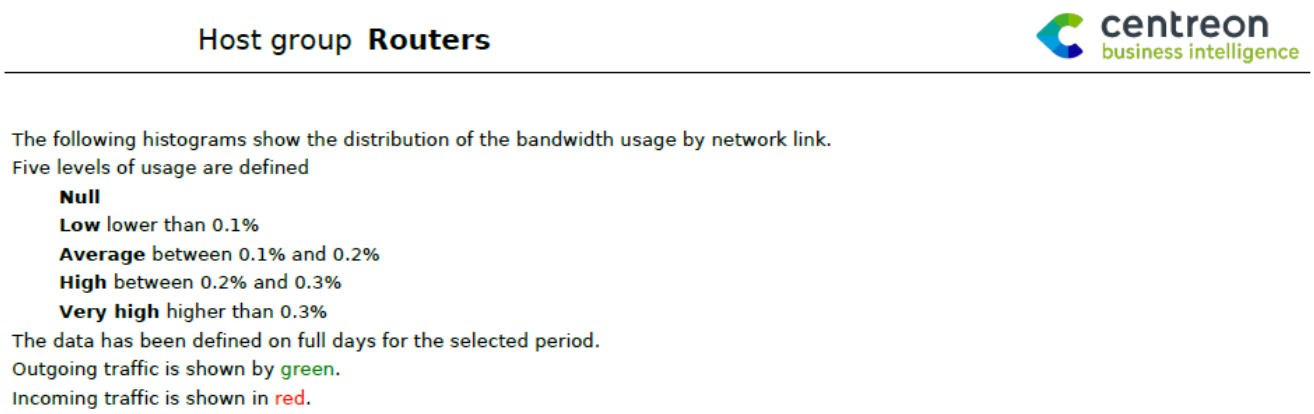

### Distribution per day of week on the interface



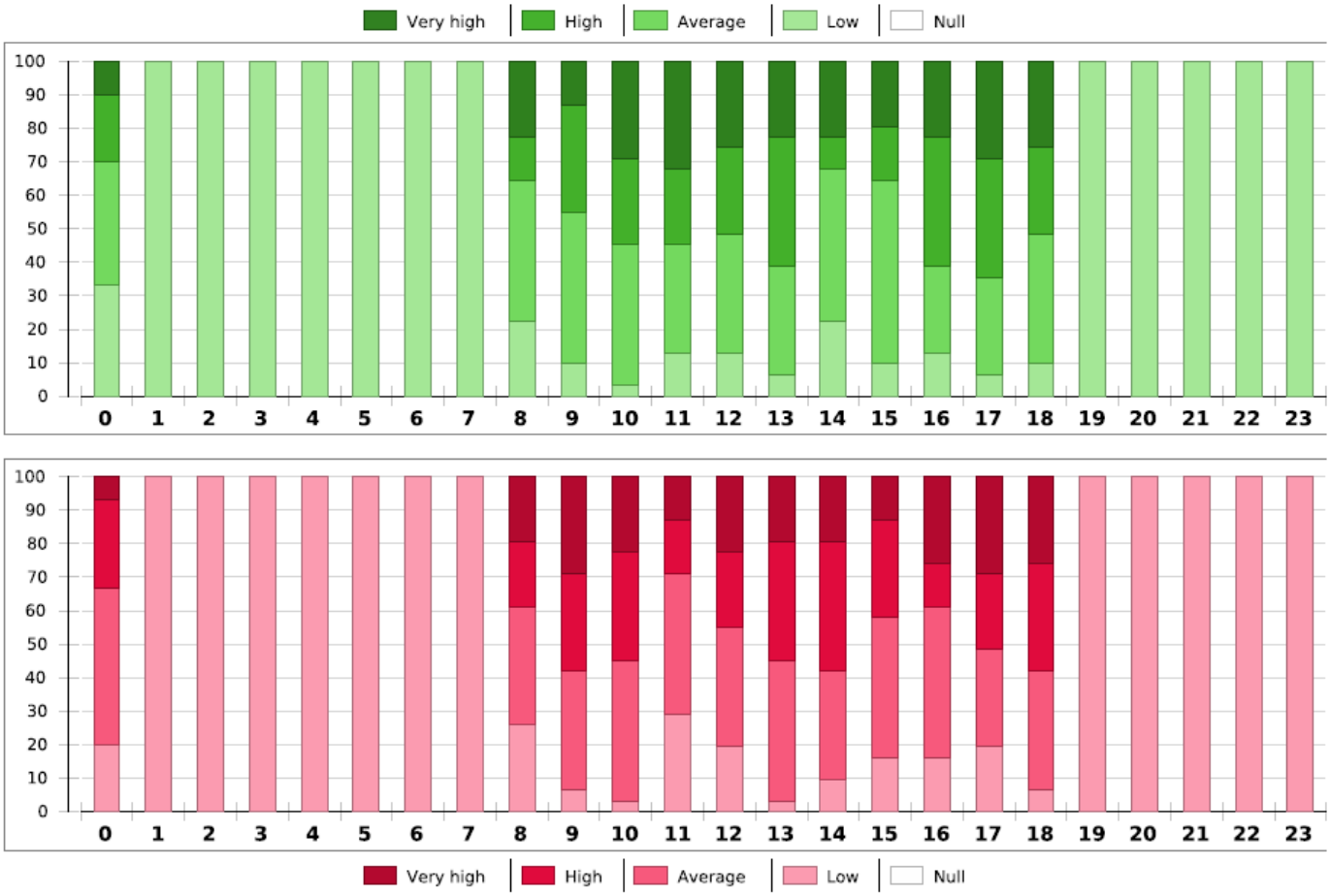

### Distribution per day of month on the interface



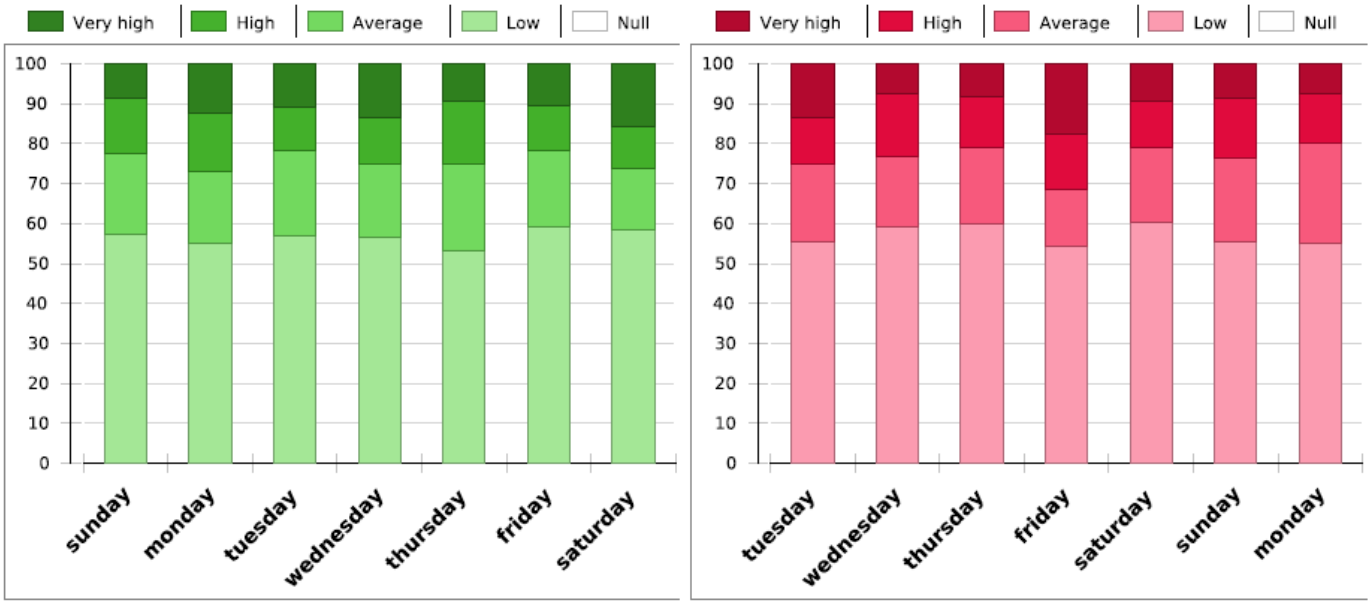
**Hostgroup-Traffic-By-Interface-And-Bandwith-Ranges** This report shows the average bandwith usage distribution of network interfaces for a hostgroup



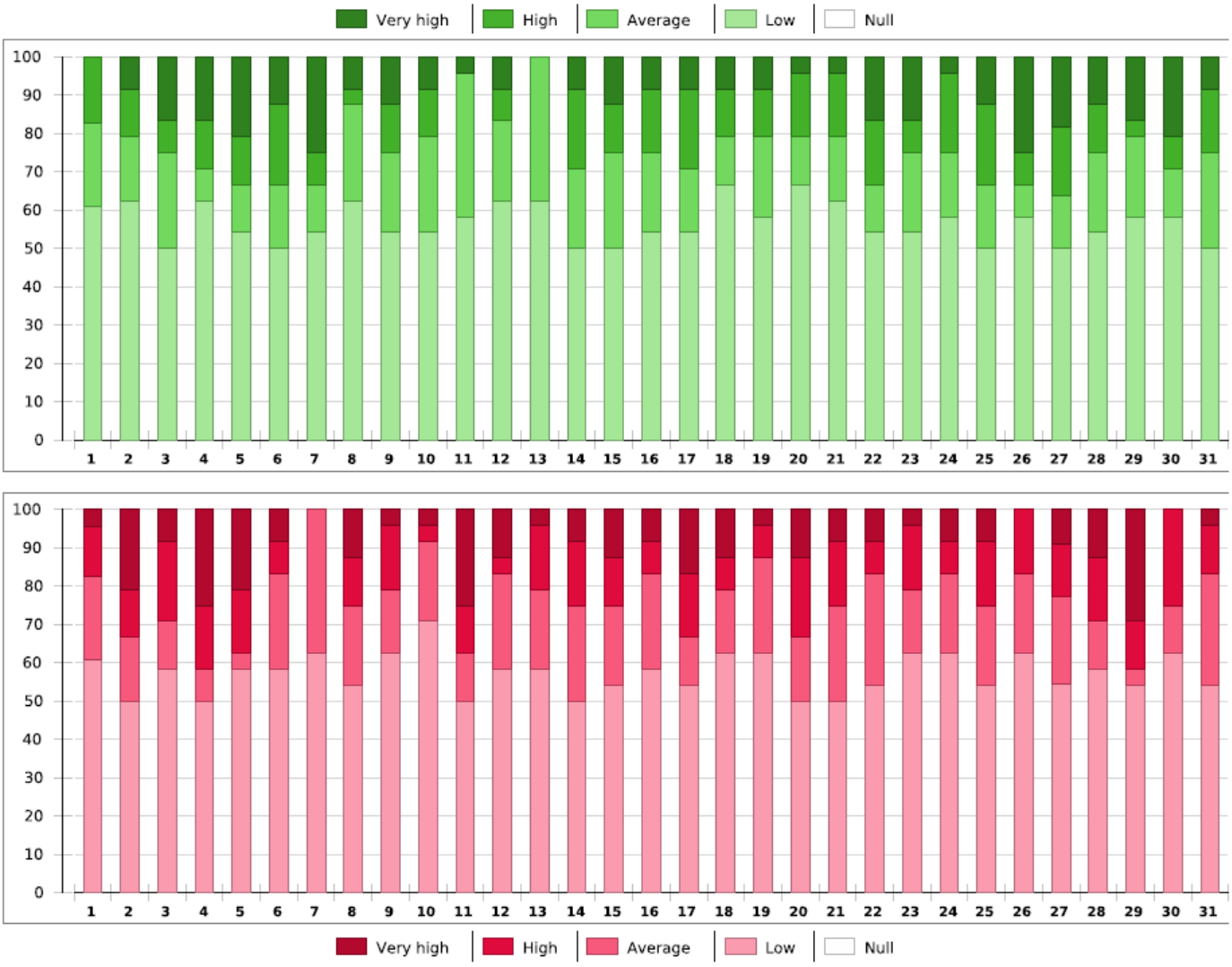
### Distribution per hour on the interface traffic-primary of rt-beijing




### Distribution per day of week on the interface traffic-primary of rt-beijing



**Distribution per day of month on the interface traffic-primary of rt-beijing**



**Hostgroup-Monthly-Network-Centile** This report displays statistics about the centile and the average usag of the inbound and outbound bandwith by interface.

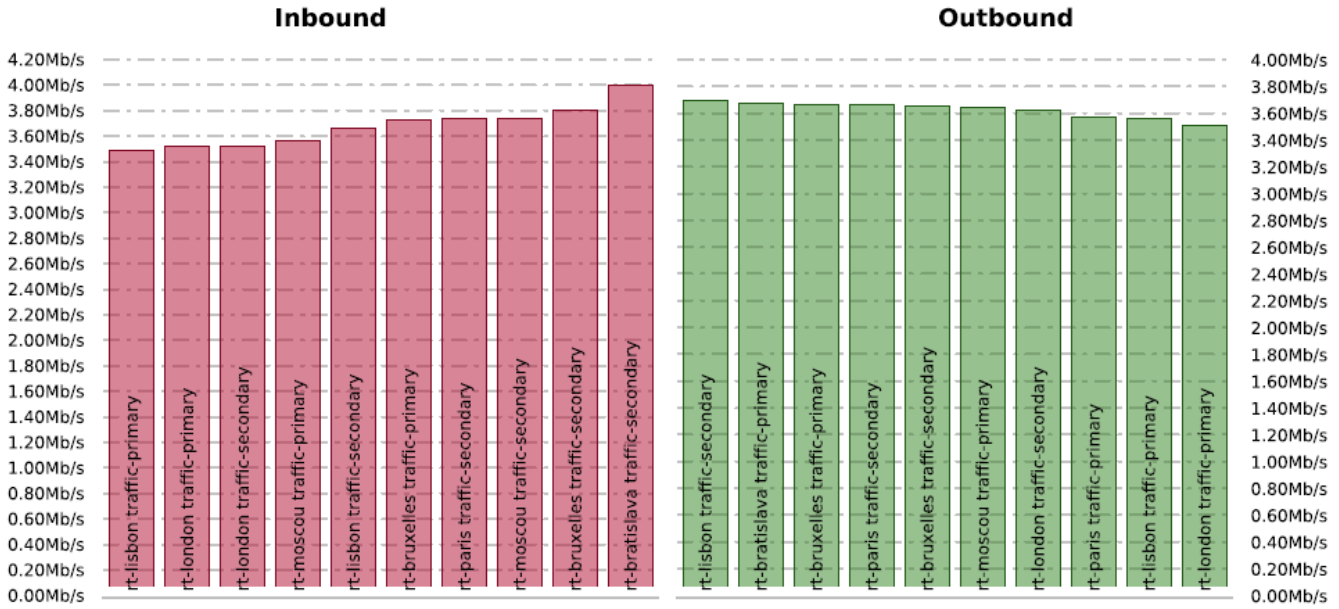
# TRAFFIC REPORT
## AVERAGE AND CENTILE
March 2016

centreon business intelligence

## ROUTERS

All the centile values are calculated for the following combination: 92.5000 (24x7)

### TOP 10 CENTILE BY INTERFACE




### TOP 10 OF THE MOST USED INTERFACES - INBOUND

| Interface | Avg.% | Avg. | Centile | Max.reached | Max. |
|---|---|---|---|---|---|
| rt-bratislava traffic-secondary | 0.06% | 619 Kb/s | 4 Mb/s | 7.32 Mb/s | 1 Gb/s |
| rt-bruxelles traffic-secondary | 0.06% | 594 Kb/s | 3.8 Mb/s | 6.1 Mb/s | 1 Gb/s |
| rt-bruxelles traffic-primary | 0.06% | 587 Kb/s | 3.72 Mb/s | 8.93 Mb/s | 1 Gb/s |
| rt-moscou traffic-secondary | 0.06% | 581 Kb/s | 3.74 Mb/s | 8.65 Mb/s | 1 Gb/s |
| rt-paris traffic-secondary | 0.06% | 576 Kb/s | 3.73 Mb/s | 7.81 Mb/s | 1 Gb/s |
| rt-lisbon traffic-secondary | 0.06% | 575 Kb/s | 3.66 Mb/s | 7.56 Mb/s | 1 Gb/s |
| rt-london traffic-secondary | 0.06% | 569 Kb/s | 3.52 Mb/s | 6.27 Mb/s | 1 Gb/s |
| rt-moscou traffic-primary | 0.06% | 563 Kb/s | 3.56 Mb/s | 6.53 Mb/s | 1 Gb/s |
| rt-london traffic-primary | 0.06% | 557 Kb/s | 3.52 Mb/s | 5.85 Mb/s | 1 Gb/s |
| rt-bratislava traffic-primary | 0.06% | 552 Kb/s | 3.46 Mb/s | 6.7 Mb/s | 1 Gb/s |

### TOP 10 OF THE MOST USED INTERFACES - OUTBOUND

| Interface | Avg.% | Avg. | Centile | Max.reached | Max. |
|---|---|---|---|---|---|
| rt-bruxelles traffic-primary | 0.06% | 600 Kb/s | 3.67 Mb/s | 8.34 Mb/s | 1 Gb/s |
| rt-paris traffic-secondary | 0.06% | 596 Kb/s | 3.66 Mb/s | 6.71 Mb/s | 1 Gb/s |
| rt-lisbon traffic-secondary | 0.06% | 589 Kb/s | 3.69 Mb/s | 6.86 Mb/s | 1 Gb/s |
| rt-moscou traffic-primary | 0.06% | 585 Kb/s | 3.64 Mb/s | 6.53 Mb/s | 1 Gb/s |
| rt-london traffic-secondary | 0.06% | 577 Kb/s | 3.63 Mb/s | 6.45 Mb/s | 1 Gb/s |
| rt-lisbon traffic-primary | 0.06% | 574 Kb/s | 3.56 Mb/s | 6.51 Mb/s | 1 Gb/s |
| rt-bruxelles traffic-secondary | 0.06% | 569 Kb/s | 3.65 Mb/s | 8.03 Mb/s | 1 Gb/s |
| rt-london traffic-primary | 0.06% | 566 Kb/s | 3.5 Mb/s | 7.03 Mb/s | 1 Gb/s |
| rt-bratislava traffic-secondary | 0.06% | 565 Kb/s | 3.45 Mb/s | 6.45 Mb/s | 1 Gb/s |
| rt-paris traffic-primary | 0.06% | 563 Kb/s | 3.57 Mb/s | 7.07 Mb/s | 1 Gb/s |

Inbound and outbound statistics for all interfaces

| | | Inbound | | | | Outbound | | | |
|---|---|---|---|---|---|---|---|---|---|
| Interface | Max. | Avg.% | Avg. | Centile | Max.reached | Avg.% | Avg. | Centile | Max.reached |
| rt-bratislava traffic-primary | 1 Gb/s | 0.06% | 552 Kb/s | 3.46 Mb/s | 6.7 Mb/s | 0.06% | 561 Kb/s | 3.67 Mb/s | 7.41 Mb/s |
| rt-bratislava traffic-secondary | 1 Gb/s | 0.06% | 619 Kb/s | 4 Mb/s | 7.32 Mb/s | 0.06% | 565 Kb/s | 3.45 Mb/s | 6.45 Mb/s |
| rt-bruxelles traffic-primary | 1 Gb/s | 0.06% | 587 Kb/s | 3.72 Mb/s | 8.93 Mb/s | 0.06% | 600 Kb/s | 3.67 Mb/s | 8.34 Mb/s |
| rt-bruxelles traffic-secondary | 1 Gb/s | 0.06% | 594 Kb/s | 3.8 Mb/s | 6.1 Mb/s | 0.06% | 569 Kb/s | 3.65 Mb/s | 8.03 Mb/s |
| rt-lisbon traffic-primary | 1 Gb/s | 0.06% | 550 Kb/s | 3.49 Mb/s | 6.58 Mb/s | 0.06% | 574 Kb/s | 3.56 Mb/s | 6.51 Mb/s |
| rt-lisbon traffic-secondary | 1 Gb/s | 0.06% | 575 Kb/s | 3.66 Mb/s | 7.56 Mb/s | 0.06% | 589 Kb/s | 3.69 Mb/s | 6.86 Mb/s |
| rt-london traffic-primary | 1 Gb/s | 0.06% | 557 Kb/s | 3.52 Mb/s | 5.85 Mb/s | 0.06% | 566 Kb/s | 3.5 Mb/s | 7.03 Mb/s |
| rt-london traffic-secondary | 1 Gb/s | 0.06% | 569 Kb/s | 3.52 Mb/s | 6.27 Mb/s | 0.06% | 577 Kb/s | 3.63 Mb/s | 6.45 Mb/s |
| rt-moscou traffic-primary | 1 Gb/s | 0.06% | 563 Kb/s | 3.56 Mb/s | 6.53 Mb/s | 0.06% | 585 Kb/s | 3.64 Mb/s | 6.53 Mb/s |
| rt-moscou traffic-secondary | 1 Gb/s | 0.06% | 581 Kb/s | 3.74 Mb/s | 8.65 Mb/s | 0.05% | 527 Kb/s | 3.32 Mb/s | 6.41 Mb/s |
| rt-paris traffic-primary | 1 Gb/s | 0.05% | 540 Kb/s | 3.42 Mb/s | 5.92 Mb/s | 0.06% | 563 Kb/s | 3.57 Mb/s | 7.07 Mb/s |
| rt-paris traffic-secondary | 1 Gb/s | 0.06% | 576 Kb/s | 3.73 Mb/s | 7.81 Mb/s | 0.06% | 596 Kb/s | 3.66 Mb/s | 6.71 Mb/s |

# Profiling

**Host-Detail-3** This report gives detailed statistics on availability, events, storage usage, memory, CPU and traffic for equipment. (Host).

## Host **srv-DC-alger**

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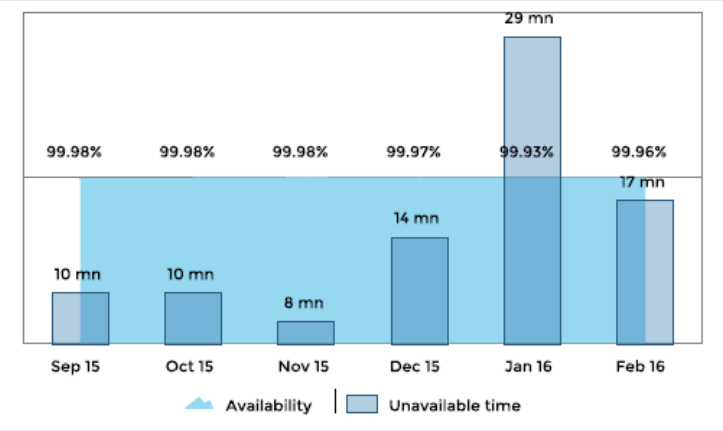
### Host availability evolution




### Current month

% of availability

**99.96%**

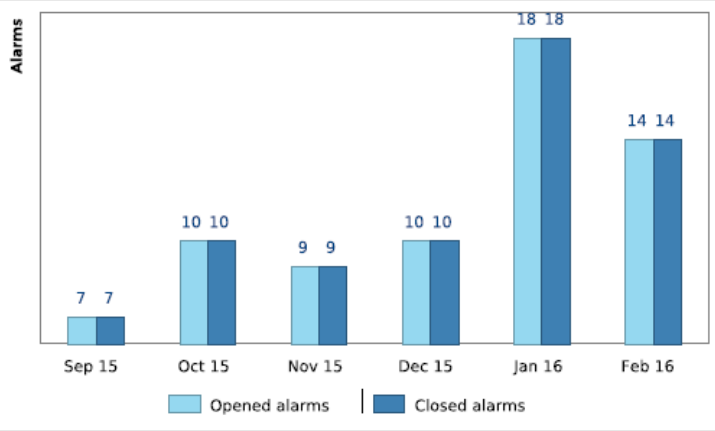
Unavailable time

**17 mn**

Unknown time

**-**

### Host exception events evolution




**49 h 41 mn** is the average time between two events

**1 mn** is the average events resolution time

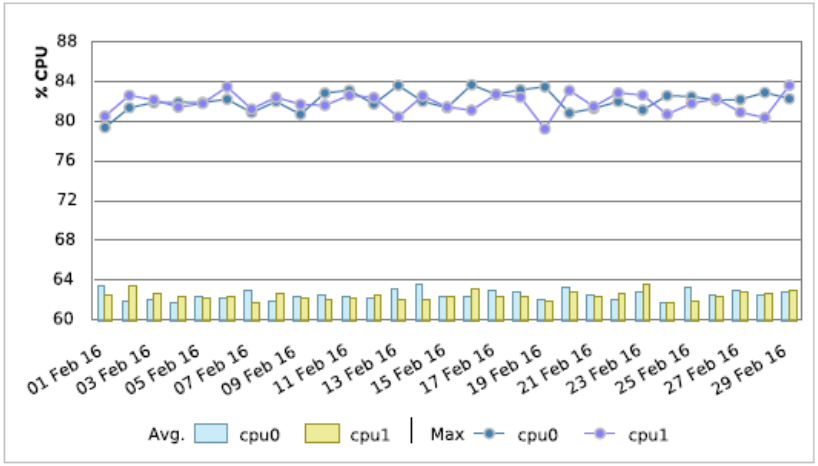
**14** events have been opened

**14** events have been closed

### Host availability evolution detailed

| | Sep 15 | | Oct 15 | | Nov 15 | | Dec 15 | | Jan 16 | | Feb 16 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Value | Trend | Value | Trend | Value | Trend | Value | Trend | Value | Trend | Value | Trend |
| % of availability | 99.98% | 0.01% | 99.98% | 0.00% | 99.98% | 0.00% | 99.97% | -0.01% | 99.93% | -0.03% | 99.96% | 0.03% |
| Unavailable time | 10 mn | -35.23% | 10 mn | 0.00% | 8 mn | -20.80% | 14 mn | 77.78% | 29 mn | 103.41% | 17 mn | -41.62% |
| Unknown time | - | - | - | - | - | - | - | - | - | - | - | - |
| MTRS | 1 mn | - | 1 mn | - | - | - | 1 mn | - | 1 mn | - | 1 mn | - |
| MTBF | 102 h 49 mn | 0.521 | 74 h 22 mn | -0.277 | 79 h 59 mn | 0.075 | 74 h 22 mn | -0.07 | 41 h 18 mn | -0.445 | 49 h 41 mn | 0.203 |
| Opened alarms | 7 | -4 | 10 | 3 | 9 | -1 | 10 | 1 | 18 | 8 | 14 | -4 |
| Closed alarms | 7 | -4 | 10 | 3 | 9 | -1 | 10 | 1 | 18 | 8 | 14 | -4 |

## CPU evolution within the reporting period




## Current Month

Average CPU usage

62.48%

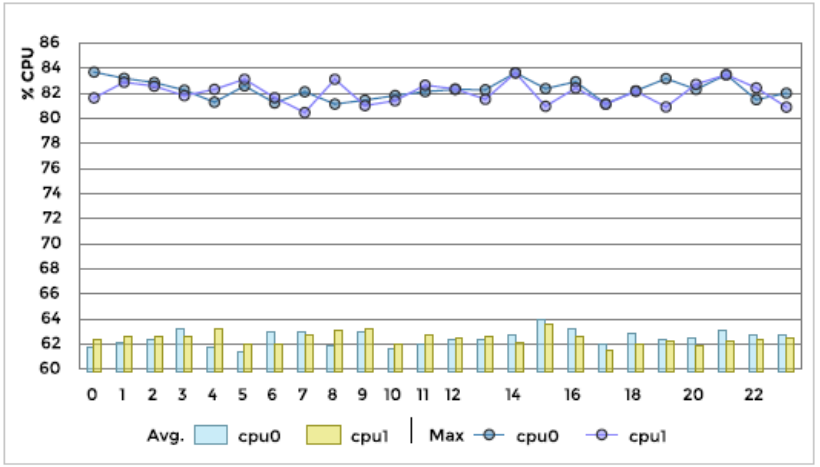
Value of deviation :

0.483

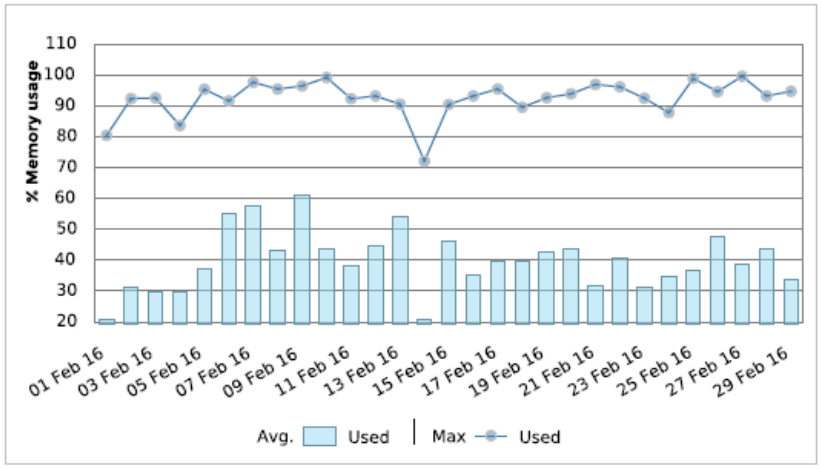
Max value reached by the CPU :

83.70%

## CPU evolution by hour of the day




## Memory evolution within the reporting period




## Current Month

Average memory usage

39.81%

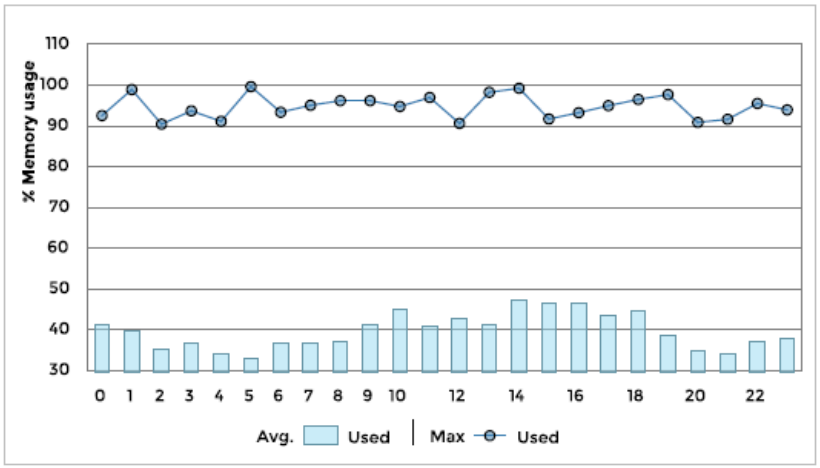
Value of deviation :

9.57

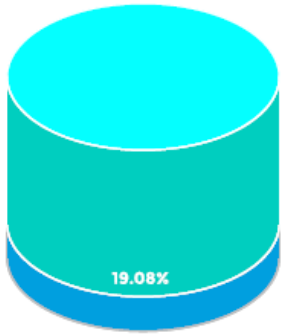
Max value reached by the memory :

99.64%

## Memory evolution by hour of the day



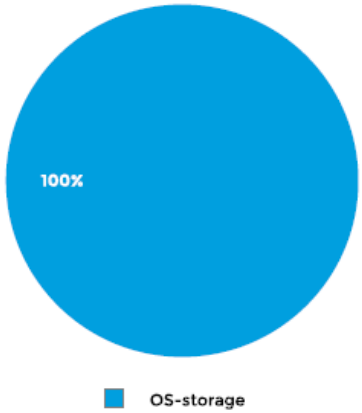
## Global information



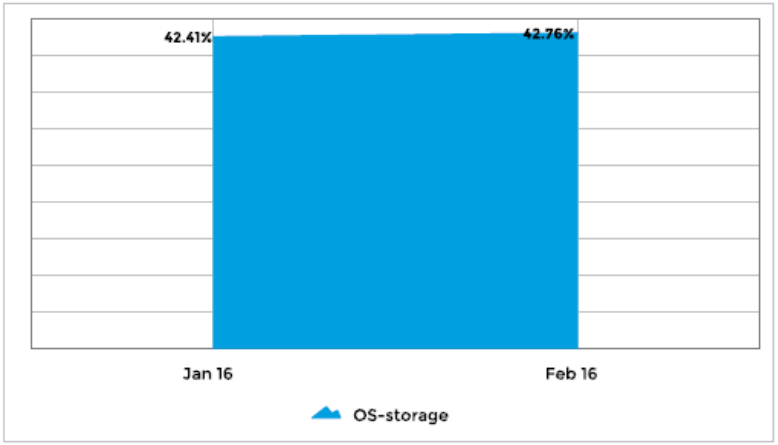

54 GB
of allocated space

10.3 GB
of used space

## Allocated space/service cat.




## Used space evolution by service category

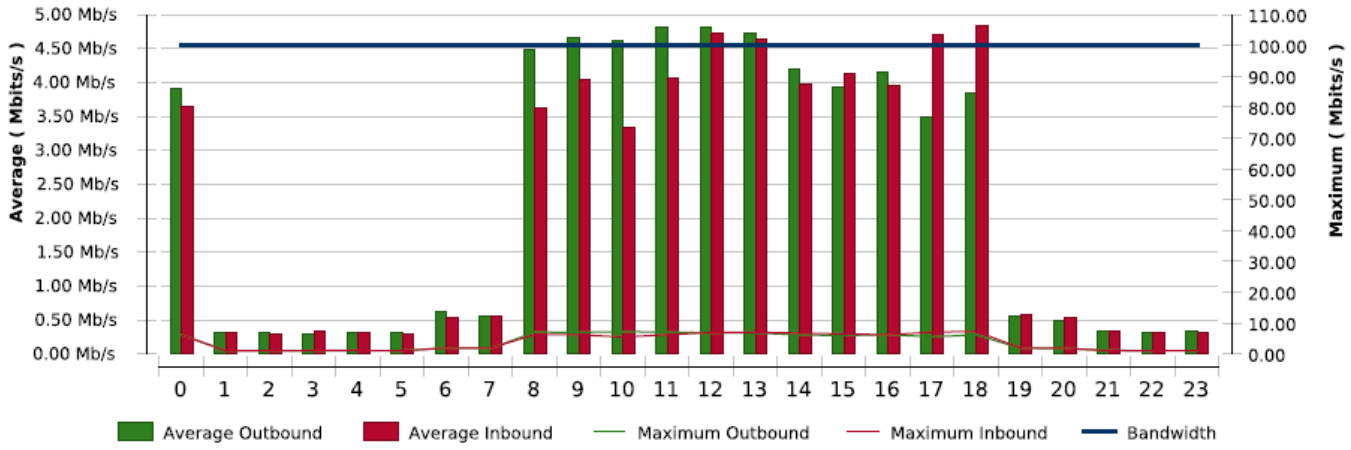



## Storage capacity detailed

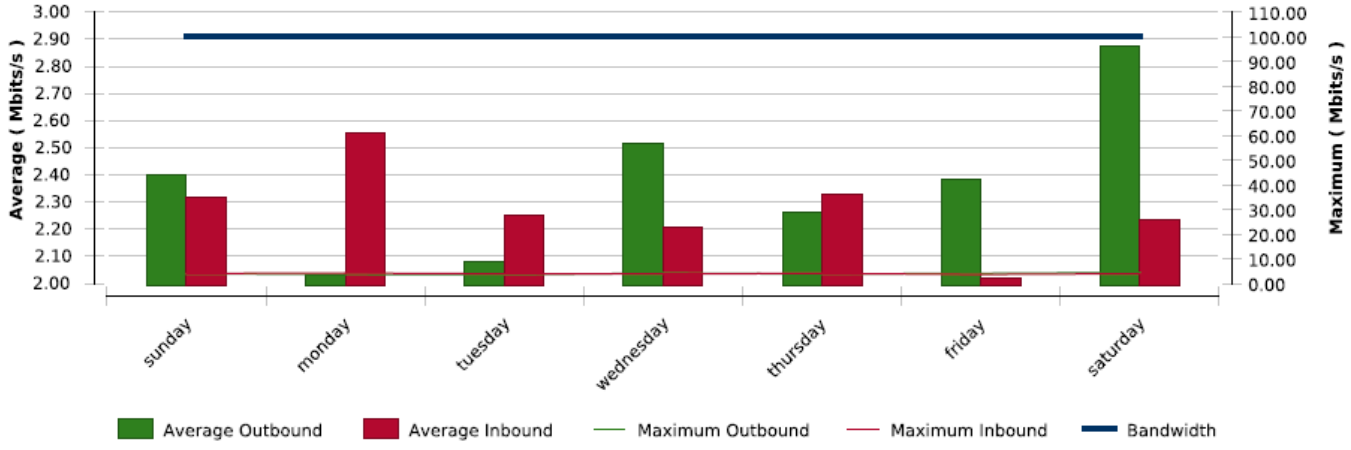
| Storage space | | Allocated | | Used | | | |
|---|---|---|---|---|---|---|---|
| | | Allocated | Evolution | Used | % used | Evolution | Time before saturation |
| disk-C | 19.08% | 54 GB | - | 10.3 GB | 19.08% | - | - |

traffic-card0 of srv-DC-alger

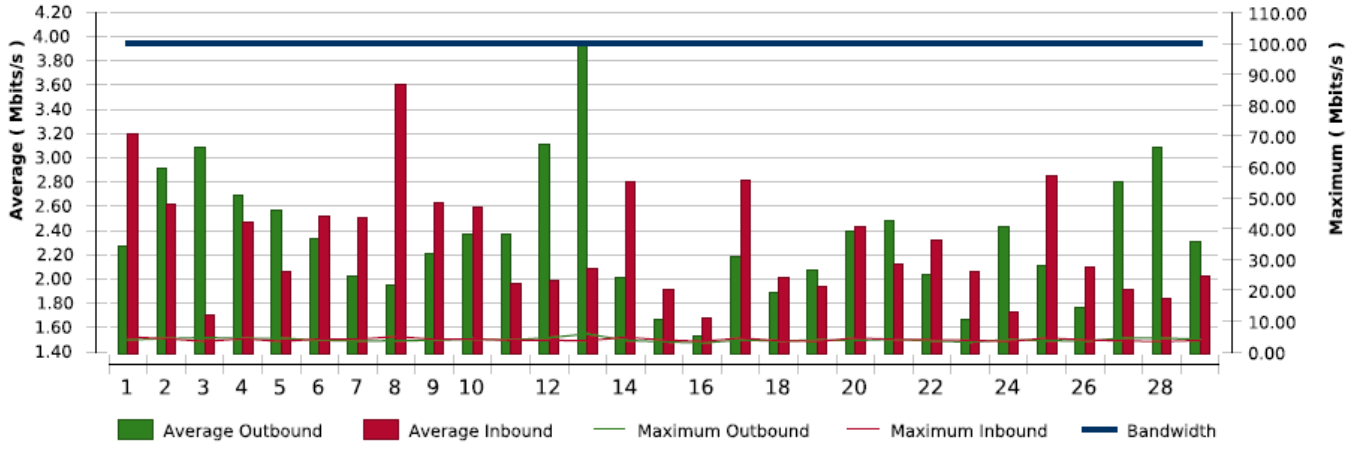
**Distribution per hour on the interface**




**Distribution per day of week on the interface**




**Distribution per day of month on the interface**



## Host events

| Date | | Delay | |
|---|---|---|---|
| Start | End | Acknowledgement | Resolution |
| Down | | | Down |
| Feb 29, 2016, 4:43 PM | Feb 29, 2016, 4:43 PM | - | - |
| Feb 27, 2016, 3:48 PM | Feb 27, 2016, 3:49 PM | - | - |
| Feb 27, 2016, 10:27 AM | Feb 27, 2016, 10:29 AM | - | 1 mn |
| Feb 21, 2016, 7:31 PM | Feb 21, 2016, 7:32 PM | - | - |
| Feb 21, 2016, 6:53 AM | Feb 21, 2016, 6:56 AM | - | 2 mn |
| Feb 20, 2016, 10:19 PM | Feb 20, 2016, 10:21 PM | - | 1 mn |
| Feb 20, 2016, 6:27 AM | Feb 20, 2016, 6:27 AM | - | - |
| Feb 15, 2016, 3:40 PM | Feb 15, 2016, 3:41 PM | - | 1 mn |
| Feb 11, 2016, 12:48 AM | Feb 11, 2016, 12:48 AM | - | - |
| Feb 9, 2016, 9:28 PM | Feb 9, 2016, 9:31 PM | - | 2 mn |
| Feb 9, 2016, 12:41 AM | Feb 9, 2016, 12:43 AM | - | 2 mn |
| Feb 7, 2016, 7:30 PM | Feb 7, 2016, 7:31 PM | - | 1 mn |
| Feb 6, 2016, 4:49 AM | Feb 6, 2016, 4:50 AM | - | - |
| Feb 2, 2016, 2:16 AM | Feb 2, 2016, 2:18 AM | - | 2 mn |

## Events on services

### Antivirus

| | Date | | Delay | |
|---|---|---|---|---|
| Services | Start | End | Acknowledgement | Effective MTRS |
| Critical | | | | Critical |
| eventlog-Antivirus | Feb 10, 2016, 12:01 PM | Feb 10, 2016, 12:11 PM | - | 10 mn |
| eventlog-Antivirus | Feb 1, 2016, 2:47 PM | Feb 1, 2016, 2:52 PM | - | 5 mn |
| eventlog-Antivirus | Feb 2, 2016, 3:22 PM | Feb 2, 2016, 3:27 PM | - | 5 mn |
| eventlog-Antivirus | Feb 3, 2016, 2:02 AM | Feb 3, 2016, 2:07 AM | - | 5 mn |
| eventlog-Antivirus | Feb 4, 2016, 12:22 AM | Feb 4, 2016, 12:27 AM | - | 5 mn |
| eventlog-Antivirus | Feb 4, 2016, 1:02 AM | Feb 4, 2016, 1:07 AM | - | 5 mn |
| eventlog-Antivirus | Feb 4, 2016, 2:37 AM | Feb 4, 2016, 2:42 AM | - | 5 mn |
| eventlog-Antivirus | Feb 4, 2016, 7:32 AM | Feb 4, 2016, 7:37 AM | - | 5 mn |
| eventlog-Antivirus | Feb 4, 2016, 4:02 PM | Feb 4, 2016, 4:07 PM | - | 5 mn |
| eventlog-Antivirus | Feb 4, 2016, 8:12 PM | Feb 4, 2016, 8:17 PM | - | 5 mn |
| eventlog-Antivirus | Feb 4, 2016, 11:02 PM | Feb 4, 2016, 11:07 PM | - | 5 mn |
| eventlog-Antivirus | Feb 6, 2016, 2:51 AM | Feb 6, 2016, 2:56 AM | - | 5 mn |
| eventlog-Antivirus | Feb 6, 2016, 3:36 AM | Feb 6, 2016, 3:41 AM | - | 5 mn |
| eventlog-Antivirus | Feb 6, 2016, 4:01 AM | Feb 6, 2016, 4:06 AM | - | 5 mn |
| eventlog-Antivirus | Feb 6, 2016, 4:21 AM | Feb 6, 2016, 4:26 AM | - | 5 mn |
| eventlog-Antivirus | Feb 6, 2016, 8:16 AM | Feb 6, 2016, 8:21 AM | - | 5 mn |
| eventlog-Antivirus | Feb 7, 2016, 12:11 PM | Feb 7, 2016, 12:16 PM | - | 5 mn |
| eventlog-Antivirus | Feb 7, 2016, 9:06 PM | Feb 7, 2016, 9:11 PM | - | 5 mn |
| eventlog-Antivirus | Feb 7, 2016, 9:21 PM | Feb 7, 2016, 9:26 PM | - | 5 mn |
| eventlog-Antivirus | Feb 7, 2016, 10:01 PM | Feb 7, 2016, 10:06 PM | - | 5 mn |
| eventlog-Antivirus | Feb 8, 2016, 11:51 AM | Feb 8, 2016, 11:56 AM | - | 5 mn |
| eventlog-Antivirus | Feb 8, 2016, 5:21 PM | Feb 8, 2016, 5:26 PM | - | 5 mn |
| eventlog-Antivirus | Feb 8, 2016, 9:21 PM | Feb 8, 2016, 9:26 PM | - | 5 mn |
| eventlog-Antivirus | Feb 9, 2016, 1:16 AM | Feb 9, 2016, 1:21 AM | - | 5 mn |
| eventlog-Antivirus | Feb 9, 2016, 3:46 PM | Feb 9, 2016, 3:51 PM | - | 5 mn |
| eventlog-Antivirus | Feb 10, 2016, 2:31 AM | Feb 10, 2016, 2:36 AM | - | 5 mn |
| eventlog-Antivirus | Feb 10, 2016, 4:36 AM | Feb 10, 2016, 4:41 AM | - | 5 mn |
| eventlog-Antivirus | Feb 10, 2016, 10:21 AM | Feb 10, 2016, 10:26 AM | - | 5 mn |
| eventlog-Antivirus | Feb 11, 2016, 1:31 PM | Feb 11, 2016, 1:36 PM | - | 5 mn |
| eventlog-Antivirus | Feb 11, 2016, 9:56 PM | Feb 11, 2016, 10:01 PM | - | 5 mn |
| eventlog-Antivirus | Feb 11, 2016, 10:51 PM | Feb 11, 2016, 10:56 PM | - | 5 mn |
| eventlog-Antivirus | Feb 12, 2016, 3:11 AM | Feb 12, 2016, 3:16 AM | - | 5 mn |
| eventlog-Antivirus | Feb 12, 2016, 3:56 AM | Feb 12, 2016, 4:01 AM | - | 5 mn |
| eventlog-Antivirus | Feb 12, 2016, 5:01 AM | Feb 12, 2016, 5:06 AM | - | 5 mn |
| eventlog-Antivirus | Feb 12, 2016, 5:26 PM | Feb 12, 2016, 5:31 PM | - | 5 mn |
| eventlog-Antivirus | Feb 12, 2016, 8:21 PM | Feb 12, 2016, 8:26 PM | - | 5 mn |
| eventlog-Antivirus | Feb 12, 2016, 8:56 PM | Feb 12, 2016, 9:01 PM | - | 5 mn |
| eventlog-Antivirus | Feb 13, 2016, 11:36 AM | Feb 13, 2016, 11:41 AM | - | 5 mn |

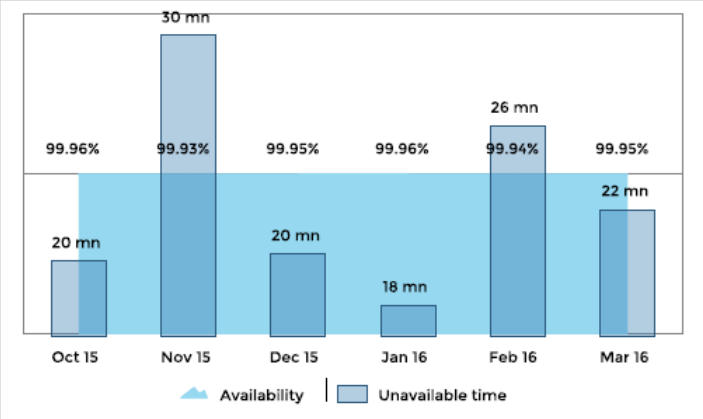
**Hostgroups-Host-Details-1** The report gives detailed statistics on availability, events, storage usage, memory, CPU for all equipments of a hostgroup given in entrance.

Group **MSSQL-Servers**

centreon business intelligence

## srv-mssql-02

### Host availability evolution




### Current month

% of availability

99.95%

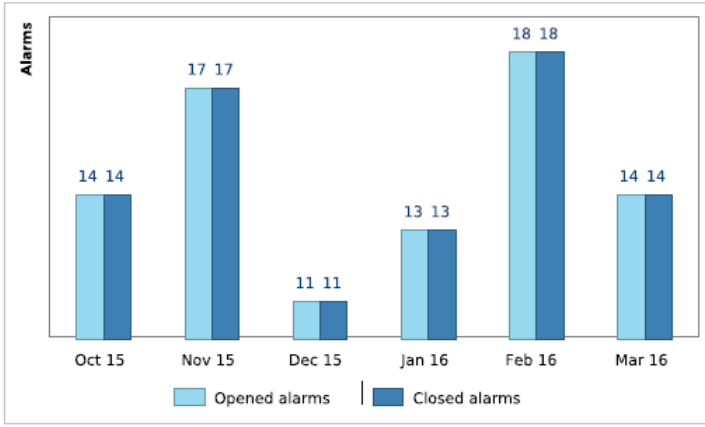
Unavailable time

22 mn

Unknown time

-

### Host exception events evolution




**53 h 6 mn** is the average time between two events

**1 mn** is the average events resolution time

**14** events have been opened

**14** events have been closed

### Host availability evolution detailed

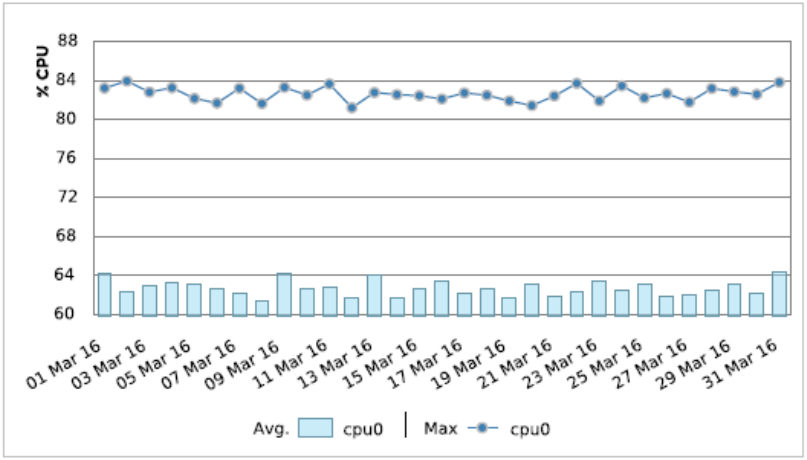
| | Oct 15 | | Nov 15 | | Dec 15 | | Jan 16 | | Feb 16 | | Mar 16 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Value | Trend | Value | Trend | Value | Trend | Value | Trend | Value | Trend | Value | Trend |
| % of availability | 99.96% | 0.02% | 99.93% | -0.03% | 99.95% | 0.03% | 99.96% | 0.01% | 99.94% | -0.02% | 99.95% | 0.01% |
| Unavailable time | 20 mn | -27.06% | 30 mn | 52.70% | 20 mn | -33.42% | 18 mn | -11.76% | 26 mn | 46.62% | 22 mn | -14.83% |
| Unknown time | - | 0.00% | - | 0.00% | - | 0.00% | - | 0.00% | - | 0.00% | - | 0.00% |
| MTRS | 1 mn | - | 1 mn | - | 1 mn | - | 1 mn | - | 1 mn | - | 1 mn | - |
| MTBF | 53 h 7 mn | - | 42 h 19 mn | - | 67 h 36 mn | - | 57 h 12 mn | - | 38 h 38 mn | - | 53 h 6 mn | - |
| Opened alarms | 14 | -5 | 17 | 3 | 11 | -6 | 13 | 2 | 18 | 5 | 14 | -4 |
| Closed alarms | 14 | -5 | 17 | 3 | 11 | -6 | 13 | 2 | 18 | 5 | 14 | -4 |

Reporting period from 3/1/16 to 4/1/16 , business hours: 24x7

5 / 8

## srv-mssql-02

### CPU evolution within the reporting period




### Current Month

Average CPU usage

62.73%

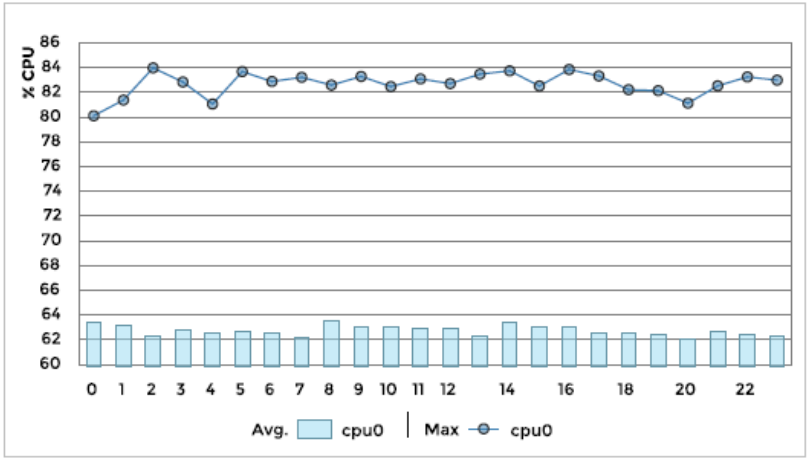
Value of deviation :

0.791

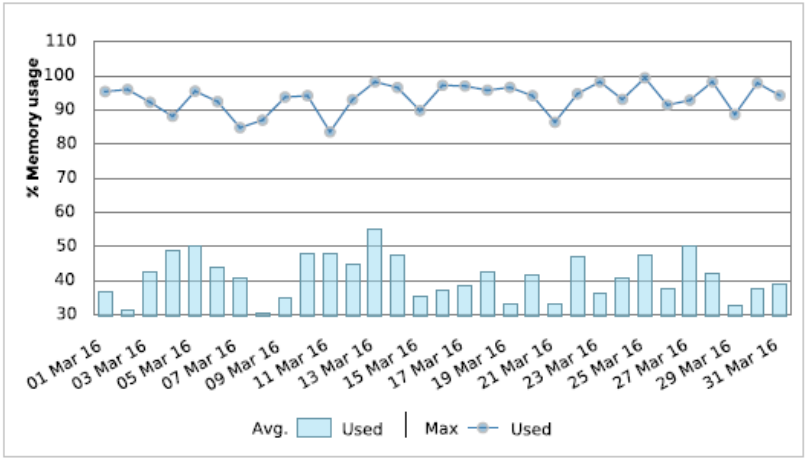
Max value reached by the CPU :

83.97%

### CPU evolution by hour of the day




### Memory evolution within the reporting period




### Current Month

Average memory usage

41.14%

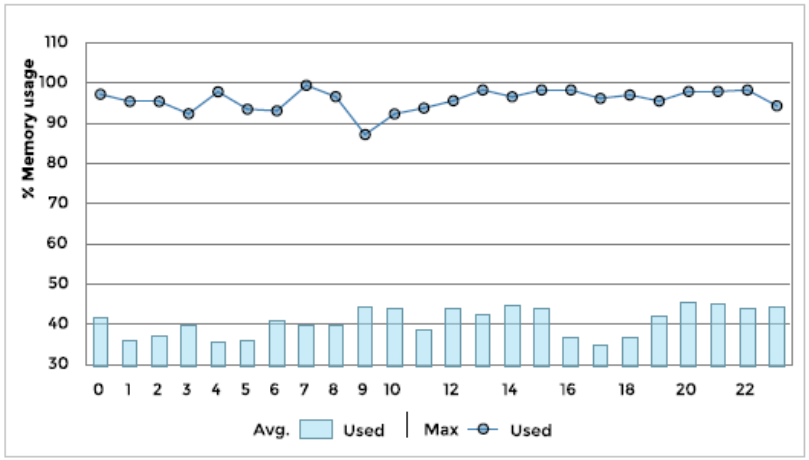
Value of deviation :

6.32

Max value reached by the memory :

99.44%

### Memory evolution by hour of the day



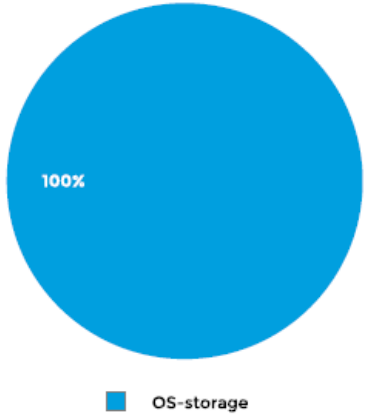
# srv-mssql-02

## Global information

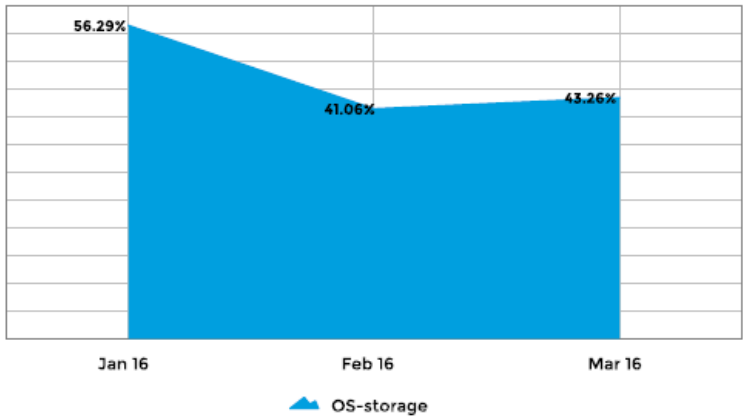

22 GB
of allocated space

4.44 GB
of used space

## Allocated space/service cat.




## Used space evolution by service category

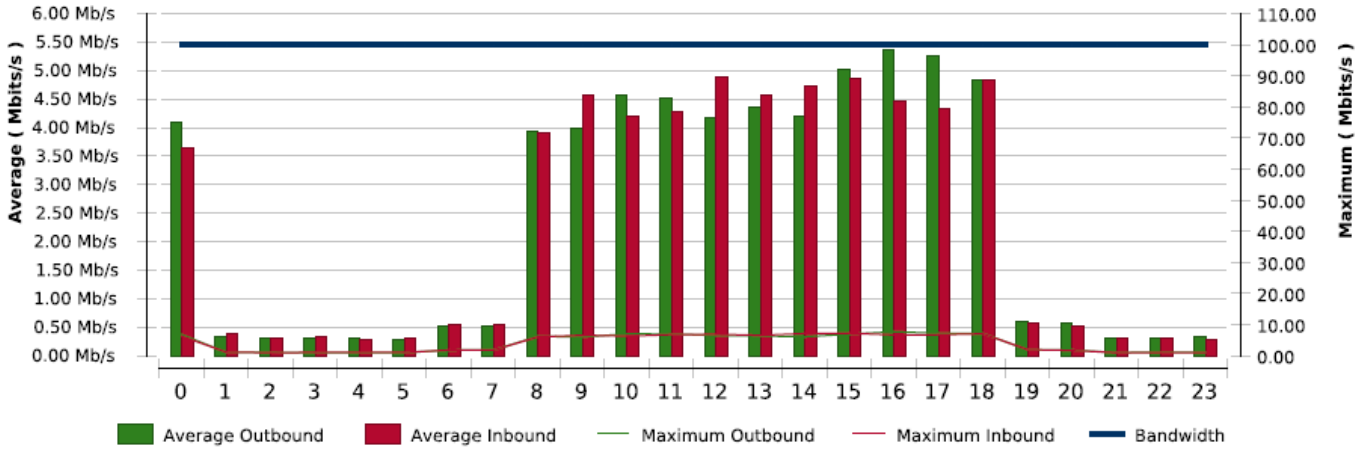



## Storage capacity detailed

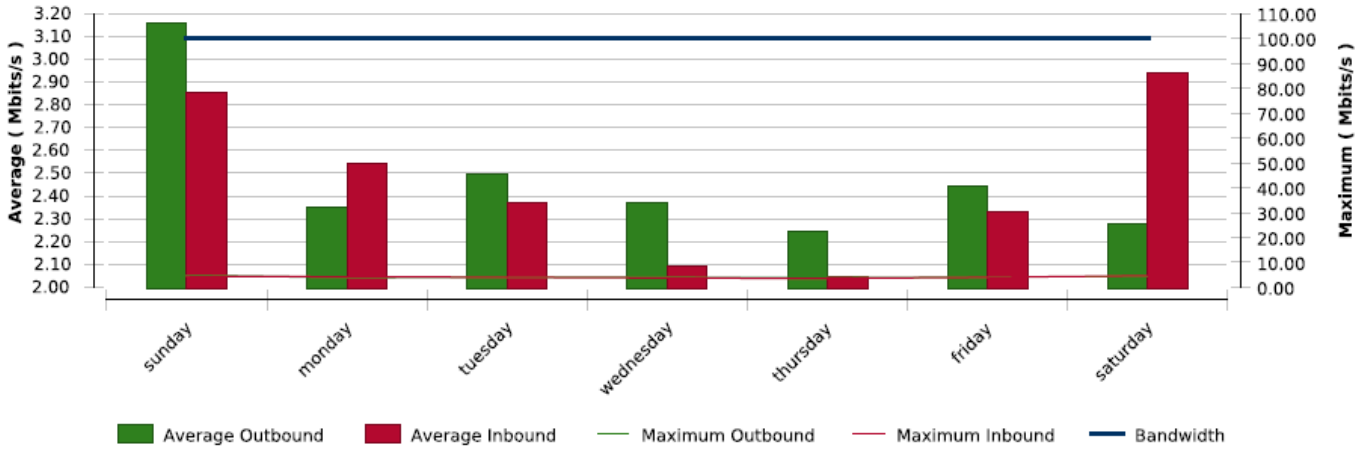
| Storage space | | Allocated | | Used | | | |
|---|---|---|---|---|---|---|---|
| | | Allocated | Evolution | Used | % used | Evolution | Time before saturation |
| disk-C | 20.20% | 22 GB | 0.00% | 4.44 GB | 20.20% | -0.6%(-6.6 GB) | - |

## traffic-card0 of srv-mssql-02

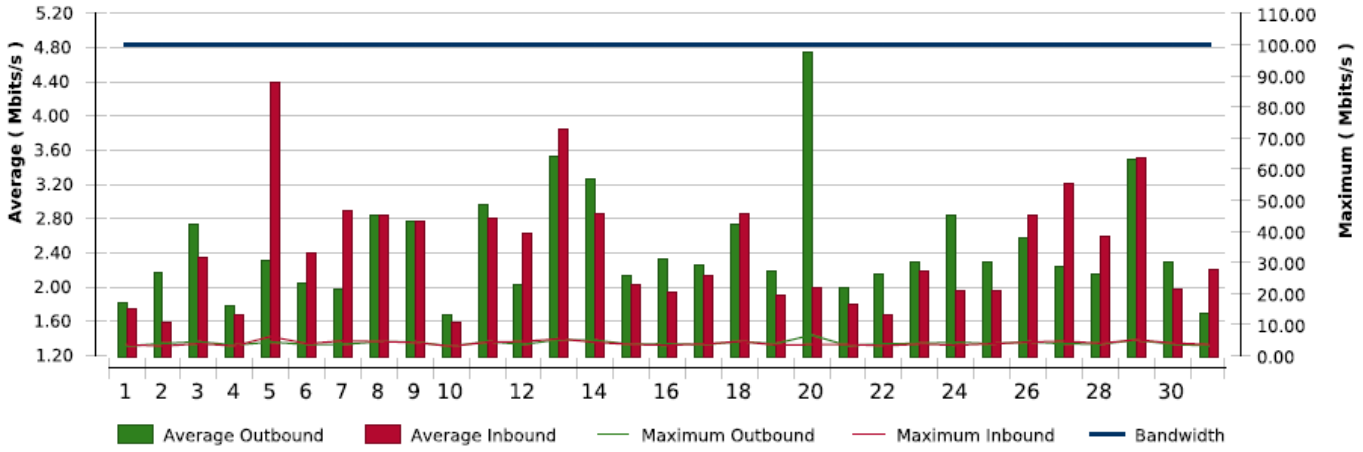
**Distribution per hour on the interface**




**Distribution per day of week on the interface**




**Distribution per day of month on the interface**



# Consumption

**Hostgroup-Electricity-Consumption-1** This report displays statistics of the electricity consumption of your equipments plugged into a UPS.

# CONSUMPTION REPORT
ONDULEUR

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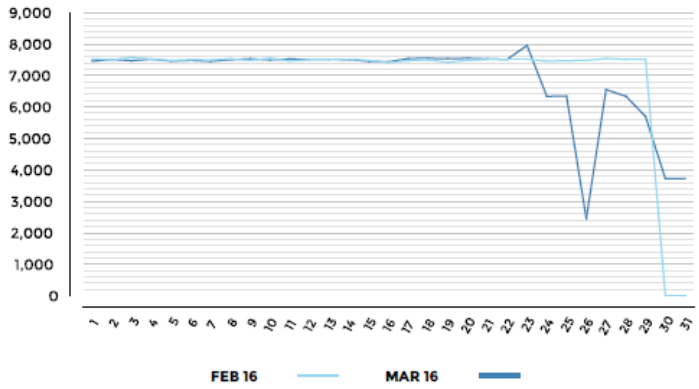
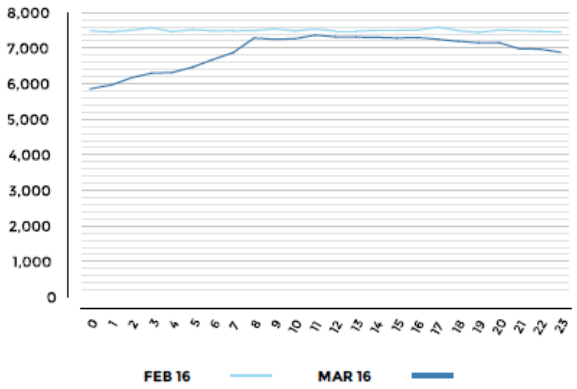
## ELECTRICITY CONSUMPTION - MARCH 2016

| 0.158 $ the KWh | Cost | Consumption | Average power | Maximal power |
|---|---|---|---|---|
| MAR 2016 | **812.05 $** | **5.14 MWh** | **6.91 KW** | **14.8 KW** |
| FEB 2016 | 824.67 $ | 5.22 MWh | 7.5 KW | 10 KW |
| Evolution | -12.63 $ | -79.9 KWh | -591 W | +4.78 KW |

## DAILY AVERAGE (W)



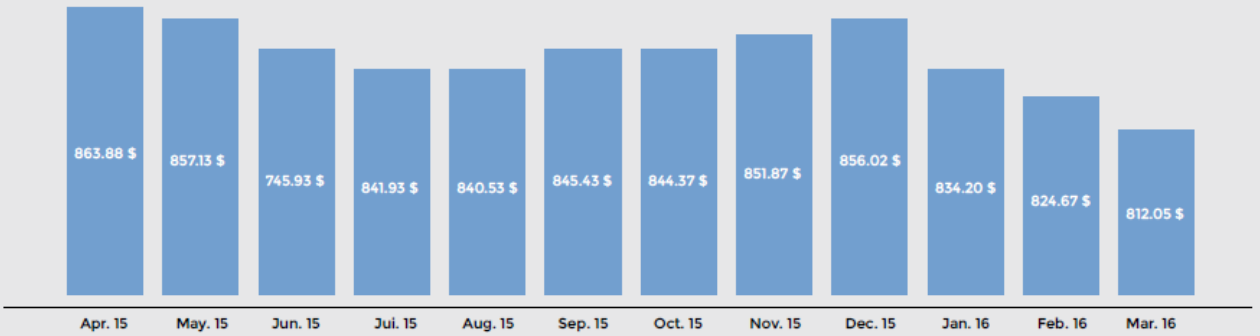

## HOURLY AVERAGE (W)




## THE MOST ELECTRICITY-CONSUMING UPS

| UPS | Average consumption | Cost | Representing |
|---|---|---|---|
| UPS_1 | 1.03 MWh | 162.79 $ | 20.05% |
| UPS_5 | 1.03 MWh | 162.54 $ | 20.02% |
| UPS_4 | 1.03 MWh | 162.38 $ | 20.00% |
| UPS_2 | 1.03 MWh | 162.28 $ | 19.98% |
| UPS_3 | 1.03 MWh | 162.05 $ | 19.96% |

## MONTHLY COST YOY



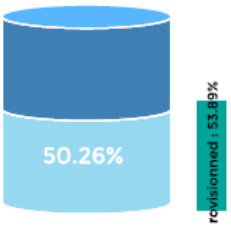
# Virtualization

**VMware-Cluster-Performances-1** This report displays datastores usage information on an ESX cluster and make a focus on the most used ESX ( CPU, Memory and virtual machines) .


## DATASTORES USAGE

16 datastores are available on the cluster

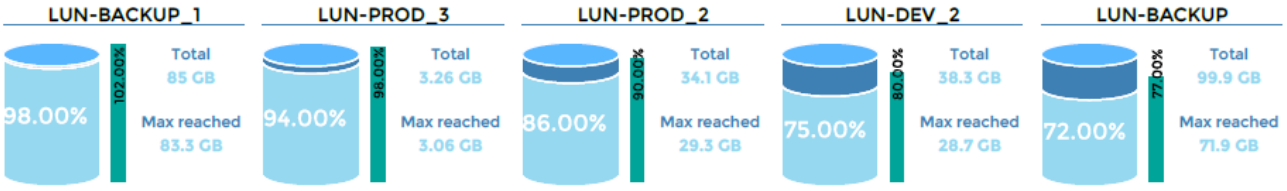
### Global usage



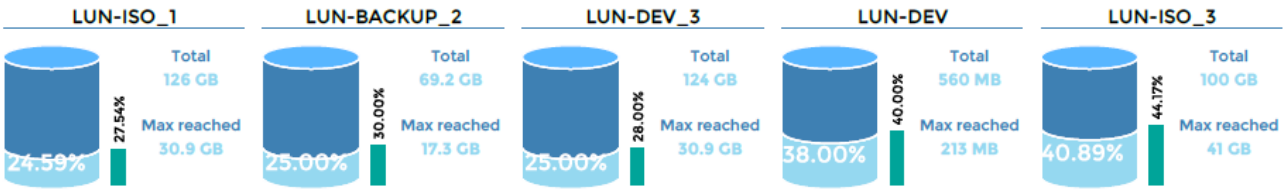

- 650 GB is the average usage of your datastores — -3.07%
- 650 GB is the last usage value of your datastores — -3.07%
- 1.26 TB allocated on your infrastructure — 0.00%

## TOP DATASTORES USAGE

### The 5 most used




### The 5 least used




## IOPS ON DATASTORES

### Read ( I/O per second )

| TOP | | BOTTOM | |
|---|---|---|---|
| LUN-ISO | 213.74 | BACKUP | 191.32 |
| LUN-DEV_1 | 208.82 | BACKUP_2 | 193.75 |
| LUN-PROD_2 | 208.05 | LUN-ISO_3 | 194.15 |
| LUN-PROD_3 | 205.72 | LUN-PROD | 194.56 |
| LUN-DEV_2 | 203.04 | LUN-DEV | 196.23 |

### Write ( I/O per second )

| TOP | | BOTTOM | |
|---|---|---|---|
| BACKUP_1 | 210.19 | LUN-PROD_3 | 191.20 |
| BACKUP_2 | 206.60 | BACKUP_3 | 191.54 |
| LUN-DEV | 206.15 | LUN-ISO_3 | 194.95 |
| LUN-PROD_2 | 204.65 | LUN-DEV_1 | 196.29 |
| BACKUP | 203.67 | LUN-DEV_2 | 196.77 |

# CLUSTER
## ESX-Servers
4/20/16 - 4/22/16

centreon business intelligence

## CPU USAGE STATISTICS

**62.72%** is the average CPU usage on the cluster's ESXs ⬆ 0.29 %

### The 5 most used

| ESX-SYDNEY-01 | | ESX-ALGER-01 | | ESX-NEWYORK-01 | | ESX-HONGKONG-01 | | ESX-BERLIN-01 | |
|---|---|---|---|---|---|---|---|---|---|
| Average | Max reached | Average | Max reached | Average | Max reached | Average | Max reached | Average | Max reached |
| 62.84 % | 79.72 % | 62.82 % | 77.23 % | 62.71 % | 83.75 % | 62.67 % | 81.59 % | 62.56 % | 80.54 % |

### The 5 least used

| ESX-BERLIN-01 | | ESX-HONGKONG-01 | | ESX-NEWYORK-01 | | ESX-ALGER-01 | | ESX-SYDNEY-01 | |
|---|---|---|---|---|---|---|---|---|---|
| Average | Max reached | Average | Max reached | Average | Max reached | Average | Max reached | Average | Max reached |
| 62.56 % | 80.54 % | 62.67 % | 81.59 % | 62.71 % | 83.75 % | 62.82 % | 77.23 % | 62.84 % | 79.72 % |

## MEMORY STATISTICS

### Global usage

**33.7 GB** is the average usage memory ⬆ 0.01%

**90.60%**

**37.3 GB** is allocated memory ➡ 0.00%

### The 5 most used

| ESX-HONGKONG-01 | | | ESX-BERLIN-01 | | | ESX-SYDNEY-01 | | | ESX-ALGER-01 | | | ESX-NEWYORK-01 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Usage | Total | Max | Usage | Total | Max | Usage | Total | Max | Usage | Total | Max | Usage | Total | Max |
| 90.73% | 7.45 GB | 6.98 GB | 90.62% | 7.45 GB | 6.98 GB | 90.58% | 7.45 GB | 6.98 GB | 90.52% | 7.45 GB | 6.98 GB | 90.52% | 7.45 GB | 6.98 GB |

### The 5 least used

| ESX-NEWYORK-01 | | | ESX-ALGER-01 | | | ESX-SYDNEY-01 | | | ESX-BERLIN-01 | | | ESX-HONGKONG-01 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Usage | Total | Max | Usage | Total | Max | Usage | Total | Max | Usage | Total | Max | Usage | Total | Max |
| 90.52% | 7.45 GB | 6.98 GB | 90.52% | 7.45 GB | 6.98 GB | 90.58% | 7.45 GB | 6.98 GB | 90.62% | 7.45 GB | 6.98 GB | 90.73% | 7.45 GB | 6.98 GB |

## VMs HOSTING

### Average powered on and powered off virtual machines on the cluster

223 virtual machine(s) powered on

122 virtual machine(s) powered off

### Average powered on and powered off virtual machines by ESX

#### Powered On

| TOP | | BOTTOM | |
|---|---|---|---|
| ESX-SYDNEY-01 | 45 | ESX-HONGKONG-01 | 44 |
| ESX-ALGER-01 | 45 | ESX-BERLIN-01 | 44 |
| ESX-NEWYORK-01 | 45 | ESX-NEWYORK-01 | 45 |
| ESX-BERLIN-01 | 44 | ESX-ALGER-01 | 45 |
| ESX-HONGKONG-01 | 44 | ESX-SYDNEY-01 | 45 |

#### Powered Off

| TOP | | BOTTOM | |
|---|---|---|---|
| ESX-HONGKONG-01 | 25 | ESX-SYDNEY-01 | 24 |
| ESX-BERLIN-01 | 25 | ESX-ALGER-01 | 24 |
| ESX-NEWYORK-01 | 24 | ESX-NEWYORK-01 | 24 |
| ESX-ALGER-01 | 24 | ESX-BERLIN-01 | 25 |
| ESX-SYDNEY-01 | 24 | ESX-HONGKONG-01 | 25 |

# Themes

Below the default 7 color themes provided by Centreon MBI 3.0:


Orange


Ice


Blue


Multicolor-1


Maroon


Multicolor-2


Green

Example of the preview of one page: