



CENTREON MBI Sample Reports

English version

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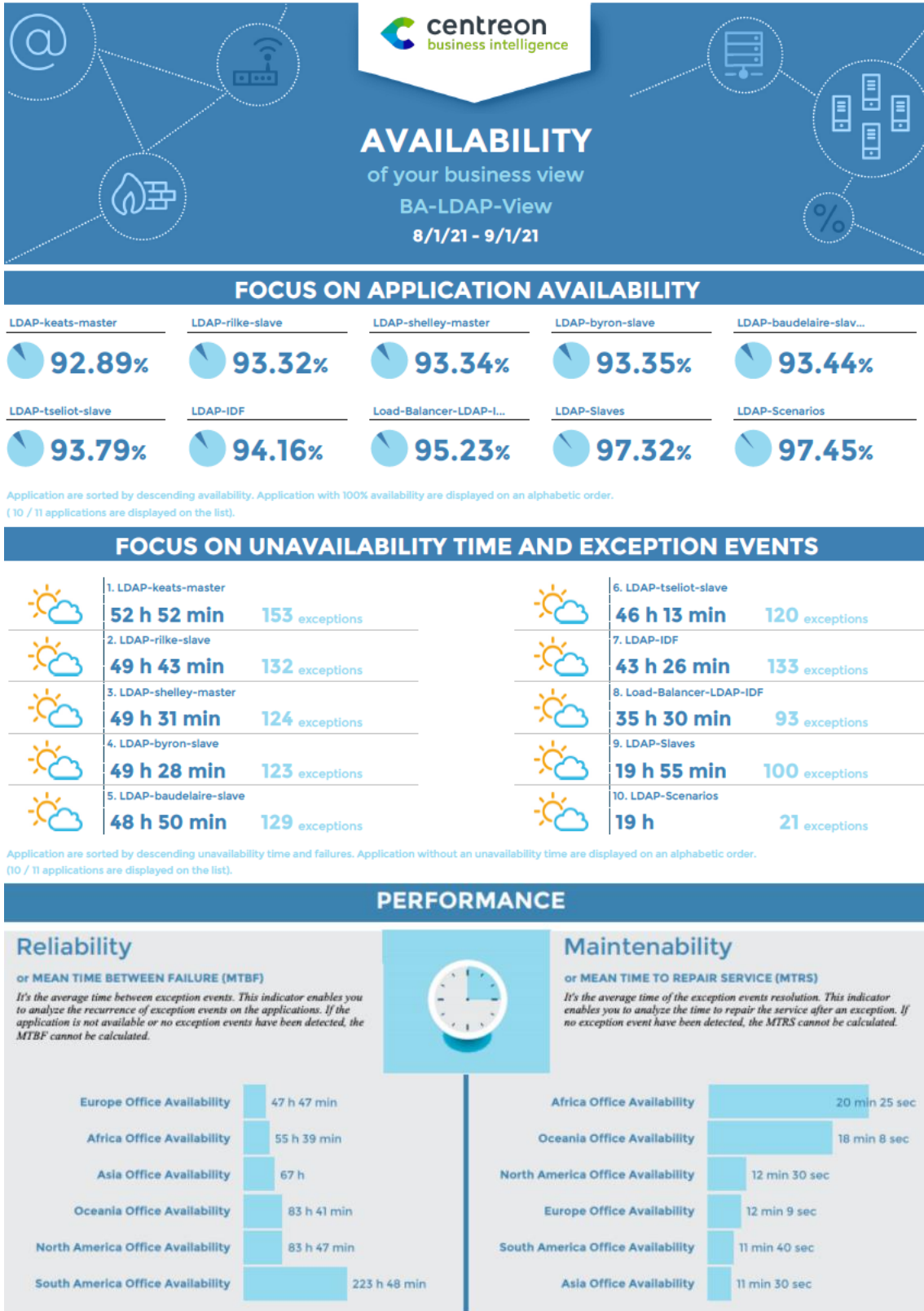
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Business Activity Monitoring (BAM)

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 for each business activity is displayed on a full page.



AVAILABILITY

of your APPLICATION

Aug, 01 21 - Sep, 01 21

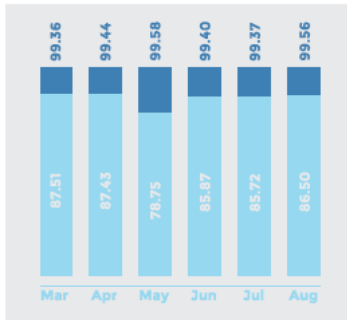
24x7



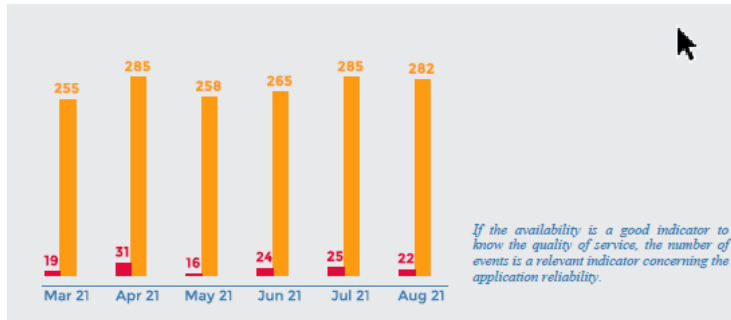
LDAP-Masters

<p>THE AVAILABILITY Corresponds to the time when the application is working even in a degraded state.</p>	<p>99.56% AVAILABILITY</p> <p>0.19</p>	<p>Events on your application</p> <p>■ Excepti. ■ Down Time ■ Degrad.</p>
<p>THE UNAVAILABILITY Corresponds to the time when the application was not accessible at all.</p>	<p>3 h 15 min UNAVAILABLE TIME</p> <p>-1 h 25 min</p>	
<p>DOWNTIME Corresponds to the maintenance time programmed on the application. This time is not taken into statistics calculation.</p>	<p>- DOWNTIME</p>	
<p>THE PERFORMANCE Corresponds to the time when the application was available but not degraded.</p>	<p>86.50% performance</p> <p>0.78</p>	

EVOLUTION REGARDING THE AVAILABILITY AND PERFORMANCE



EVOLUTION CONCERNING DEGRADED EVENTS, EXCEPTION EVENTS, AND SCHEDULED DOWNTIME



AVAILABILITY CALENDAR



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

[0, 100] ■ = 100 □ No data

BV-BA-Availabilities-Calendar

This report displays statistics about business activities availability and incidents. Statistics are displayed by month and by day in calendars.

APPLICATIONS AVAILABILITIES



Offices

September 2021



AVAILABILITY AND EXCEPTION EVENTS BY APPLICATION BY MONTH

% < Critical SLA SLA Crit. < % < SLA Warn.	2020						2021							
	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Africa Office Availability	99.67% 11	99.62% 8	99.64% 16	99.52% 13	99.85% 5	99.71% 9	99.64% 9	99.51% 14	99.46% 15	92.83% 18	99.47% 15	99.27% 18	99.36% 18	99.47% 16
Asia Office Availability	99.61% 13	99.59% 13	99.82% 8	99.44% 17	99.66% 11	99.78% 6	99.37% 15	99.74% 9	99.31% 14	99.63% 13	99.42% 18	99.65% 12	99.33% 21	99.79% 6
Europe Office Availability	99.82% 7	99.69% 10	99.42% 15	99.73% 7	99.71% 11	99.49% 18	99.57% 8	99.74% 7	99.47% 18	99.70% 7	99.65% 14	99.32% 18	99.43% 17	99.71% 9
North America Office Availability	99.56% 12	99.62% 11	99.55% 15	99.75% 8	99.60% 14	99.51% 16	99.66% 8	99.36% 19	99.40% 20	99.61% 7	99.50% 16	99.42% 13	99.42% 16	99.68% 8
Oceania Office Availability	99.63% 10	99.46% 15	99.71% 13	99.35% 15	99.70% 9	99.64% 9	99.55% 12	99.56% 15	99.76% 9	99.53% 13	99.62% 10	99.70% 10	99.42% 15	99.58% 12
South America Office Availability	99.36% 17	99.61% 12	99.45% 16	99.58% 11	99.42% 15	99.57% 16	99.62% 12	99.39% 19	99.35% 18	99.59% 10	99.61% 12	99.63% 10	99.74% 8	99.67% 10

UNAVAILABLE TIME BY BUSINESS ACTIVITY BY MONTH

Time < Critical SLA SLA Warn. < Time < SLA Crti.	2020						2021							
	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Africa Office Availability	2 h 25 min	2 h 40 min	2 h 40 min	3 h 25 min	1 h 5 min	2 h 5 min	2 h 25 min	3 h 35 min	3 h 50 min	53 h 16 min	3 h 45 min	5 h 25 min	4 h 45 min	3 h 45 min
Asia Office Availability	2 h 50 min	2 h 55 min	1 h 20 min	4 h	2 h 30 min	1 h 35 min	4 h 10 min	1 h 52 min	4 h 55 min	2 h 45 min	4 h 10 min	2 h 35 min	4 h 55 min	1 h 30 min
Europe Office Availability	1 h 20 min	2 h 10 min	4 h 15 min	1 h 55 min	2 h 5 min	3 h 47 min	2 h 50 min	1 h 55 min	3 h 45 min	2 h 5 min	2 h 30 min	5 h	4 h 10 min	2 h 5 min
North America Office Availability	3 h 15 min	2 h 40 min	3 h 20 min	1 h 45 min	2 h 55 min	3 h 37 min	2 h 15 min	4 h 45 min	4 h 15 min	2 h 40 min	3 h 35 min	4 h 15 min	4 h 15 min	2 h 15 min
Oceania Office Availability	2 h 45 min	3 h 50 min	2 h 8 min	4 h 40 min	2 h 10 min	2 h 40 min	3 h	3 h 15 min	1 h 40 min	3 h 15 min	2 h 40 min	2 h 10 min	4 h 15 min	2 h 57 min
South America Office Availability	4 h 45 min	2 h 45 min	4 h 5 min	3 h	4 h 15 min	3 h 10 min	2 h 32 min	4 h 30 min	4 h 39 min	2 h 50 min	2 h 45 min	2 h 45 min	1 h 55 min	2 h 20 min

AVAILABILITY BY APPLICATION BY DAY

Unavailable time

0 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

		2021																																																														
		Apr							May							Jun							Jul							Aug							Sep																											
		M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S														
Africa Office Availability					1	2	3	4							1	2		1	2	3	4	5	6							1	2	3	4							1									1	2	3	4	5											
					-	-	98%	-							-	99%							-	99%	-	99%	-							98%	-	98%	-							97%									99%	-	97%	98%	97%							
		5	6	7	8	9	10	11	3	4	5	6	7	8	9	7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8	6	7	8	9	10	11	12	2	3	4	5	6	7	8	6	7	8	9	10	11	12							
		-	-	-	-	-	98%	-	97%	-	-	97%	-	99%	98%	99%	97%	96%	-	-	-	-	-	98%	-	-	98%	97%	-	-	99%	-	99%	99%	-	-	-	-	-	-	-	-	98%	99%	-	-	-	-	-	-	98%	99%	-	-	-	-	-	-	98%	-				
		12	13	14	15	16	17	18	10	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15	13	14	15	16	17	18	19	9	10	11	12	13	14	15	13	14	15	16	17	18	19	9	10	11	12	13	14	15
		-	98%	-	-	-	97%	-	-	-	97%	-	-	64%	0%	98%	-	-	97%	-	-	-	-	98%	98%	-	98%	98%	-	-	98%	99%	-	98%	99%	-	-	98%	99%	-	98%	99%	-	-	-	-	-	-	-	98%	99%	-	-	-	-	-	-	98%	-					
Asia Office Availability					1	2	3	4							1	2		1	2	3	4	5	6							1	2	3	4							1									1	2	3	4	5											
					-	-	-	98%							-	-							-	99%	-	98%	-							98%	98%	-							98%							98%	-													
		5	6	7	8	9	10	11	3	4	5	6	7	8	9	7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8	6	7	8	9	10	11	12	2	3	4	5	6	7	8	6	7	8	9	10	11	12							
		-	98%	-	-	-	98%	96%	99%	98%	-	-	-	-	-	-	-	-	96%	-	98%	-	99%	-	99%	98%	-	-	99%	98%	96%	98%	-	-	98%	-	-	-	-	-	-	-	98%	-	-	-	-	-	-	-	98%	-												
		12	13	14	15	16	17	18	10	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15	13	14	15	16	17	18	19	9	10	11	12	13	14	15	13	14	15	16	17	18	19	9	10	11	12	13	14	15
		-	97%	97%	-	-	97%	98%	-	97%	-	-	98%	99%	98%	-	-	98%	-	98%	-	-	-	97%	-	99%	98%	-	-	97%	-	99%	98%	-	-	99%	99%	98%	98%	96%	-	98%	99%	99%	98%	98%	96%	-	98%	99%	99%	98%	98%	96%	-	98%								
Europe Office Availability					1	2	3	4							1	2		1	2	3	4	5	6							1	2	3	4							1									1	2	3	4	5											
					-	-	-	98%							-	-							-	99%	98%	-	98%							98%	-							98%							98%	-														
		5	6	7	8	9	10	11	3	4	5	6	7	8	9	7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8	6	7	8	9	10	11	12	2	3	4	5	6	7	8	6	7	8	9	10	11	12							
		-	98%	-	-	-	98%	97%	-	-	-	-	-	-	-	-	98%	-	-	-	99%	98%	-	-	97%	-	-	99%	-	-	-	-	-	95%	98%	-	98%	-	-	-	-	-	-	98%	-	-	-	-	-	-	-	98%	-											
		12	13	14	15	16	17	18	10	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15	13	14	15	16	17	18	19	9	10	11	12	13	14	15	13	14	15	16	17	18	19	9	10	11	12	13	14	15
		-	99%	-	98%	-	-	-	-	-	-	-	99%	-	-	-	-	-	97%	-	-	-	-	98%	98%	97%	-	98%	-	98%	-	97%	-	98%	-	-	98%	98%	98%	97%	98%	-	98%	98%	98%	98%	97%	98%	-	98%	98%	98%	98%	97%	98%	-	98%							
North America Office Availability					1	2	3	4							1	2		1	2	3	4	5	6							1	2	3	4							1									1	2	3	4	5											
					-	-	98%	97%	-							97%	-							-	97%	-							97%	-							97%							98%	-															
		5	6	7	8	9	10	11	3	4	5	6	7	8	9	7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8	6	7	8	9	10	11	12	2	3	4	5	6	7	8	6	7	8	9	10	11	12							
		-	-	99%	99%	98%	-	-	-	-	98%	-	-	97%	-	-	-	98%	-	-	98%	-	-	98%	-	-	99%	-	-	97%	98%	-	-	99%	-	-	97%	97%	-	99%	-	98%	97%	-	-	-	-	-	-	98%	-													
		12	13	14	15	16	17	18	10	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15	13	14	15	16	17	18	19	9	10	11	12	13	14	15	13	14	15	16	17	18	19	9	10	11	12	13	14	15
		-	-	97%	-	-	98%	98%	-	-	-	-	-	-	-	99%	-	-	98%	98%	97%	-	-	98%	-	-	97%	-	99%	-	97%	98%	97%	-	99%	-	-	-	-	99%	-	98%	97%	-	-	-	-	-	-	98%	-													

BA-Availability-1

This report displays availability and event statistics for a business activity.

AVAILABILITY

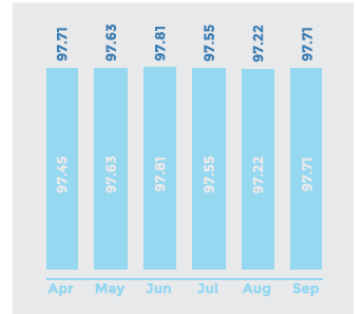
of your APPLICATION

Sep, 01 21 - Oct, 01 21 24x7

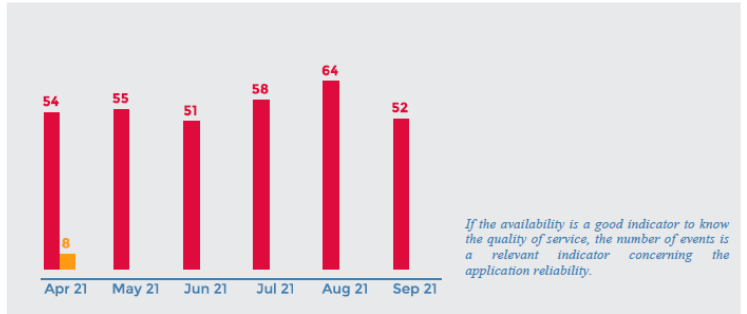
Mail end-user service availability

<p>THE AVAILABILITY <i>Corresponds to the time when the application is working even in a degraded state.</i></p>	<p>97.71% AVAILABILITY</p> <p style="color: green; font-size: small;">0.49</p>	<p>Events on your application</p> <p style="font-size: x-small;">■ Excepti. ■ Down Time ■ Degrad.</p>
<p>THE UNAVAILABILITY <i>Corresponds to the time when the application was not accessible at all.</i></p>	<p>16 h 29 min UNAVAILABLE TIME</p> <p style="color: green; font-size: small;">-4 h 10 min</p>	
<p>DOWNTIME <i>Corresponds to the maintenance time programmed on the application. This time is not taken into statistics calculation.</i></p>	<p>- DOWNTIME</p>	
<p>THE PERFORMANCE <i>Corresponds to the time when the application was available but not degraded.</i></p>	<p>97.71% performance</p> <p style="color: green; font-size: small;">0.49</p>	

EVOLUTION REGARDING THE AVAILABILITY AND PERFORMANCE



EVOLUTION CONCERNING DEGRADED EVENTS, EXCEPTION EVENTS, AND SCHEDULED DOWNTIME



AVAILABILITY CALENDAR

MON	TUE	WED	THU	FRI	SAT	SUN
		1	2	3	4	5
		98 %		93 %	95 %	96 %
6	7	8	9	10	11	12
95 %	96 %	98 %	97 %	94 %		98 %
13	14	15	16	17	18	19
94 %	98 %	98 %	94 %	97 %	96 %	97 %
20	21	22	23	24	25	26
96 %	97 %	98 %	98 %	98 %		98 %
27	28	29	30			
			97 %			

[0, 99.9 [
[99.9, 0 [
[0, 100 [
= 100

No data

BV-BA-Availabilities-List

This report lists statistics of availability, unavailability time, degraded time and alarms for business activities.

APPLICATIONS AVAILABILITIES

Offices

FROM 9/1/21 TO 10/1/21

AVAILABILITY, UNAVAILABILITY AND EVENTS

Application	Availability		Unavailability				Degraded			
	Avail.	Evol.	Unav.	Evol.	Events	Evol.	Degrad.	Evol.	Events	Evol.
Africa Office Availability <small>24x7</small>	99.48%	0.12 %	3 h 45 min	- 60 min	16	-2	-	-	0	0
Asia Office Availability <small>24x7</small>	99.79%	0.45 %	1 h 30 min	- 3 h 25 min	6	-15	-	-	0	0
Europe Office Availability <small>24x7</small>	99.71%	0.27 %	2 h 5 min	- 2 h 5 min	9	-8	-	-	0	0
North America Office Availability <small>24x7</small>	99.69%	0.28 %	2 h 15 min	- 2 h	8	-8	-	-	0	0
Oceania Office Availability <small>24x7</small>	99.59%	0.16 %	2 h 57 min	- 1 h 17 min	12	-3	-	-	0	0
South America Office Availability <small>24x7</small>	99.68%	-0.07 %	2 h 20 min	+ 25 min	10	+2	-	-	0	0

BA-Event-List

This report displays a list of events that occurred on a business activity.

EVENTS LIST

of your APPLICATION

Sep, 01 21 - Oct, 01 21 24x7

Mail end-user service events



**EXCEPTION
EVENTS LIST**

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

#	Start	End	Duration
#1	1/9/21 20:33:19	1/9/21 20:48:19	15 min
Scenario-mail-idf scenarii-mail-externe2interne	1/9/21 20:33:19	1/9/21 20:48:19	15 min
#2	3/9/21 03:21:19	3/9/21 03:40:47	19 min 28 sec
Scenario-mail-idf scenarii-mail-externe2interne	3/9/21 03:21:19	3/9/21 03:36:19	15 min
Scenario-mail-idf scenarii-mail-interne2interne	3/9/21 03:25:19	3/9/21 03:40:19	15 min
Scenario-mail-idf scenarii-mail-interne2externe	3/9/21 03:25:47	3/9/21 03:40:47	15 min
#3	3/9/21 04:12:47	3/9/21 04:42:19	29 min 32 sec
Scenario-mail-idf scenarii-mail-interne2externe	3/9/21 04:12:47	3/9/21 04:27:47	15 min
Scenario-mail-idf scenarii-mail-externe2interne	3/9/21 04:23:19	3/9/21 04:38:19	15 min
Scenario-mail-idf scenarii-mail-interne2interne	3/9/21 04:27:19	3/9/21 04:42:19	15 min
#4	3/9/21 06:29:47	3/9/21 06:44:47	15 min
Scenario-mail-idf scenarii-mail-interne2externe	3/9/21 06:29:47	3/9/21 06:44:47	15 min
#5	3/9/21 16:44:19	3/9/21 17:01:47	17 min 28 sec
Scenario-mail-idf scenarii-mail-interne2interne	3/9/21 16:44:19	3/9/21 16:59:19	15 min
Scenario-mail-idf scenarii-mail-interne2externe	3/9/21 16:46:47	3/9/21 17:01:47	15 min
#6	3/9/21 18:31:19	3/9/21 18:48:47	17 min 28 sec
Scenario-mail-idf scenarii-mail-interne2interne	3/9/21 18:31:19	3/9/21 18:46:19	15 min
Scenario-mail-idf scenarii-mail-interne2externe	3/9/21 18:33:47	3/9/21 18:48:47	15 min

BV-BA-Current-Health-VS-Past

This report displays the global health of business activities at the time it is generated and compares it with the availability of a previous period.

CURRENT STATE OF YOUR APPLICATIONS

Created on: Oct 5, 2021, 10:38 AM

Offices

Real time						Last 30 days *	
Current level	Business Activity	Last change	Duration	Acknowledgment	Downtime	Availability	Exceptions
<div style="width: 85%; background-color: #2c5e8c; height: 10px; display: inline-block;"></div> 85	North America Office Availability	Oct 5, 2021, 12:32 AM	10 h 5 min	-	-	<div style="width: 99.75%; background-color: #2c5e8c; height: 10px; display: inline-block;"></div> 99.75%	6
<div style="width: 100%; background-color: #2c5e8c; height: 10px; display: inline-block;"></div> 100	Africa Office Availability	Oct 4, 2021, 4:33 AM	30 h 4 min	-	-	<div style="width: 99.36%; background-color: #2c5e8c; height: 10px; display: inline-block;"></div> 99.36%	17
<div style="width: 100%; background-color: #2c5e8c; height: 10px; display: inline-block;"></div> 100	Asia Office Availability	Oct 1, 2021, 8:04 PM	86 h 33 min	-	-	<div style="width: 99.78%; background-color: #2c5e8c; height: 10px; display: inline-block;"></div> 99.78%	7
<div style="width: 100%; background-color: #2c5e8c; height: 10px; display: inline-block;"></div> 100	Europe Office Availability	Sep 30, 2021, 9:46 PM	108 h 51 min	-	-	<div style="width: 99.84%; background-color: #2c5e8c; height: 10px; display: inline-block;"></div> 99.84%	5
<div style="width: 100%; background-color: #2c5e8c; height: 10px; display: inline-block;"></div> 100	Oceania Office Availability	Oct 4, 2021, 1:40 PM	20 h 57 min	-	-	<div style="width: 99.59%; background-color: #2c5e8c; height: 10px; display: inline-block;"></div> 99.59%	12
<div style="width: 100%; background-color: #2c5e8c; height: 10px; display: inline-block;"></div> 100	South America Office Availability	Sep 30, 2021, 5:09 AM	125 h 28 min	-	-	<div style="width: 99.71%; background-color: #2c5e8c; height: 10px; display: inline-block;"></div> 99.71%	8

Availability & events

Host group-Service-Incident-Resolution-2

This report displays the rate of acknowledgment and solved events, the longest events, the least reliable indicators and devices generating the most events for a host group.

EVENTS MANAGMENT
ACKNOWLEDGMENT AND
RESOLUTION DELAY

FROM Sep 1, 2021 TO Oct 1, 2021





DATABASE-SERVERS

<p>ACKNOWLEDGMENT TIME</p> <p><i>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.</i></p> <p>AVERAGE ACKNOWLEDGMENT</p> <p>-</p>	<p style="text-align: right;">EVENTS ACKNOWLEDGMENT CRITICAL</p> <div style="text-align: center;">  <p>0 % (0/331) ACKNOWLEDGED WITHIN 30 MIN</p> <hr style="width: 80%; margin: 0 auto;"/> </div>
<p>RESOLUTION TIME</p> <p><i>It's the duration between a hard state of an event and it's resolution (state = OK). Events that have duration less than the resolution SLA are included on the calculation.</i></p> <p>AVERAGE RESOLUTION</p> <p>18 min</p>	<p style="text-align: right;">EVENTS RESOLUTION CRITICAL</p> <div style="text-align: center;">  <p>98.98% (1364/1378) SOLVED WITHIN 60 MIN</p> <hr style="width: 80%; margin: 0 auto;"/> </div>

TOP 10 OF LONGEST EVENTS

Host	Service	Start	End	Resolution
srv-mysql-01	disk-/home	Sep 5, 2021, 8:47 AM	Sep 5, 2021, 11:07 AM	2 h 20 min
srv-mysql-01	disk-/home	Sep 5, 2021, 8:47 AM	Sep 5, 2021, 11:07 AM	2 h 20 min
srv-oracle-users	disk-/home	Sep 25, 2021, 1:20 AM	Sep 25, 2021, 3:05 AM	1 h 45 min
srv-oracle-crm	disk-/usr	Sep 24, 2021, 8:40 AM	Sep 24, 2021, 10:20 AM	1 h 40 min
srv-oracle-accounting	disk-/	Sep 5, 2021, 6:23 PM	Sep 5, 2021, 7:38 PM	1 h 15 min
srv-oracle-accounting	disk-/	Sep 19, 2021, 3:15 PM	Sep 19, 2021, 4:30 PM	1 h 15 min
srv-oracle-accounting	disk-/	Sep 5, 2021, 6:23 PM	Sep 5, 2021, 7:38 PM	1 h 15 min
srv-oracle-accounting	disk-/	Sep 19, 2021, 3:15 PM	Sep 19, 2021, 4:30 PM	1 h 15 min
srv-oracle-users	disk-/home	Sep 25, 2021, 3:12 PM	Sep 25, 2021, 4:27 PM	1 h 15 min
srv-mysql-01	disk-/usr	Sep 14, 2021, 3:05 AM	Sep 14, 2021, 4:15 AM	1 h 10 min

TOP 10 OF THE LEAST RELIABLE INDICATORS

Host	Service	MTBF
srv-mssql-01	eventlog-Antivirus	6 h 27 min
srv-mssql-02	eventlog-Antivirus	8 h 29 min
srv-mysql-01	memory	12 h 31 min
srv-mysql-01	memory-stats	12 h 31 min
srv-oracle-accounting	memory	15 h 18 min
srv-oracle-accounting	memory-stats	15 h 18 min
srv-mssql-02	memory	15 h 42 min
srv-mssql-01	memory	16 h 1 min
srv-oracle-users	memory	16 h 50 min
srv-oracle-users	memory-stats	16 h 50 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 detected.

TOP 10 OF EQUIPMENTS GENERATING THE MOST EVENTS

Host	Warning event	Critical event
srv-mysql-01	298	348
srv-oracle-accounting	436	304
srv-mssql-01	90	174
srv-mssql-02	94	145
srv-oracle-users	208	143
srv-oracle-crm	175	135
srv-mysql-02	168	129

Host groups-Incidents-1

This report gives an overview of host exception events and unavailability for one or several host groups.

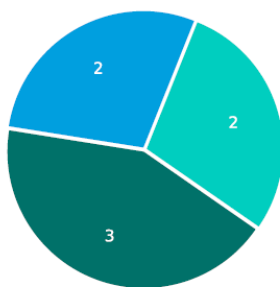


Incidents management reports

Time period : 24x7

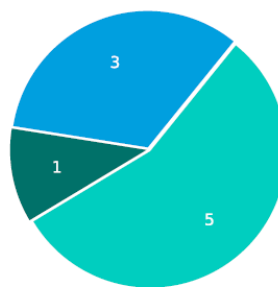
Resources by groups

- MSSQL-Servers
- MySQL-Servers
- Oracle-Servers



Resources by categories

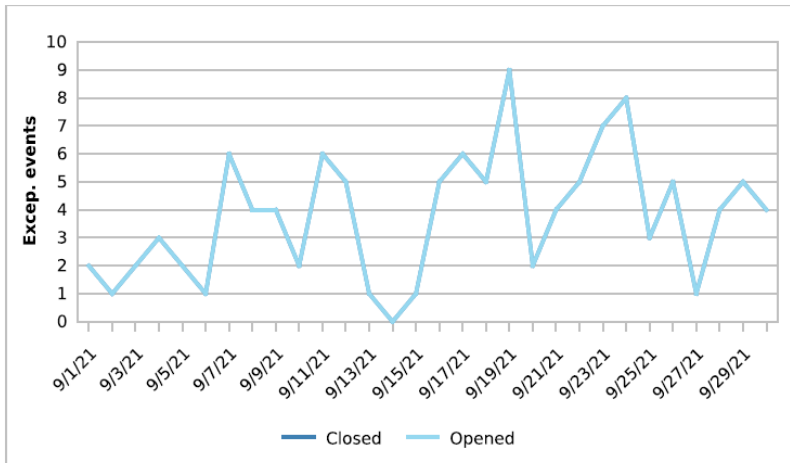
- Africa
- Asia
- Europe



01 September 2021

01 October 2021

Current month exception events evolution



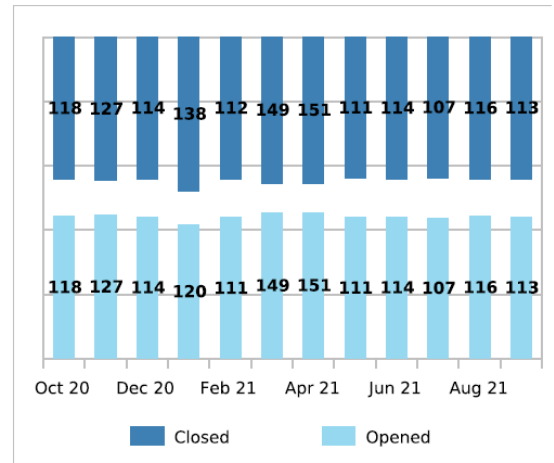
39.82% of these events concern Oracle-Servers

35.40% of these events concern MySQL-Servers

24.78% of these events concern MSSQL-Servers

There were as many opened as closed events

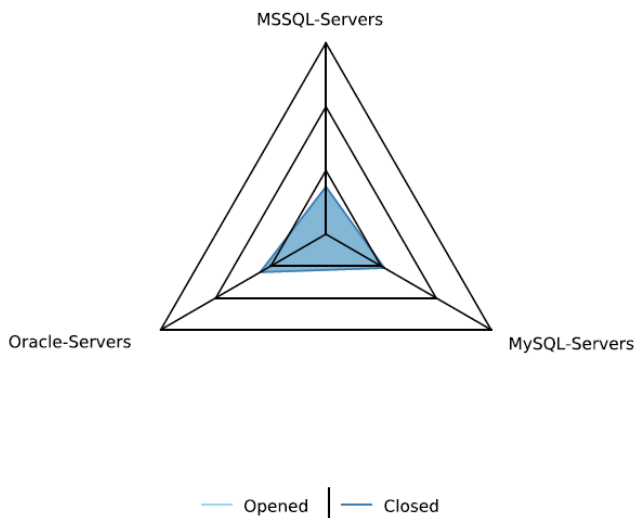
Exception events evolution by month



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, ...).

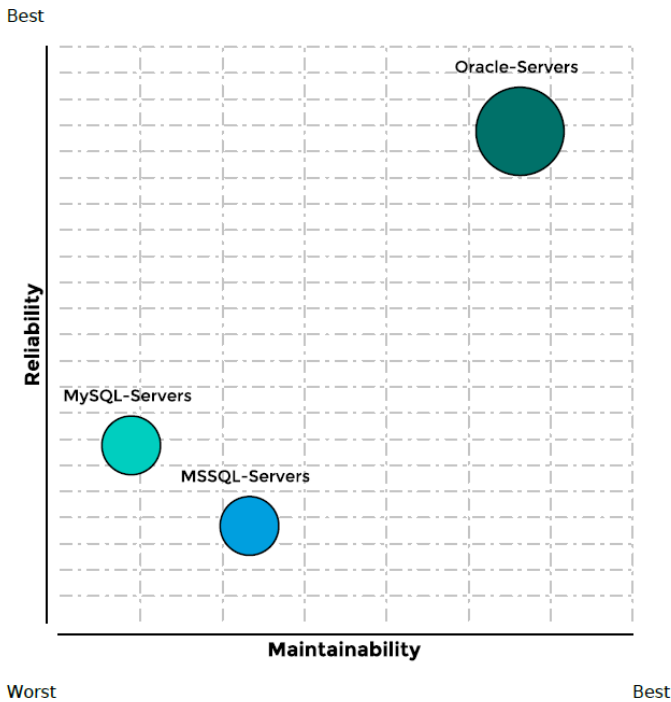
An opened exception event in a specific month or day can be resolved (closed) later on another day or month.

Exception events distribution by hostgroups



Detail of exception events by group

	Opened	Closed
Oracle-Servers	45	45
MySQL-Servers	40	40
MSSQL-Servers	28	28



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, bad index on a group of 2 hosts has not necessarily the same criticality on a group of 50 hosts.

Maintainability index (1/MTRS)

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.

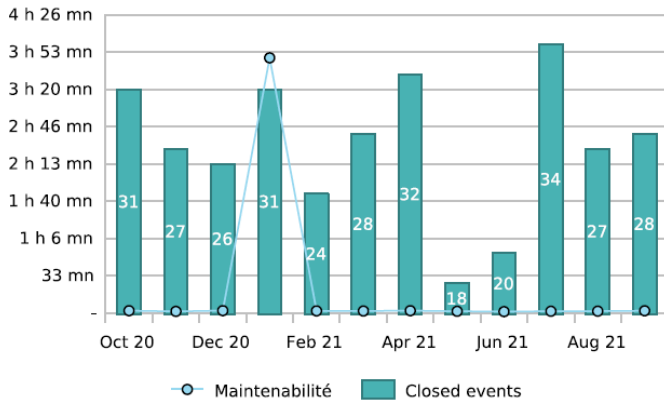
Host group size

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

Detailed statistics on host maintainability, reliability and exception events

Host Groups	Number of hosts	Exception events				
		MTRS	MTBF	MTBSI	Opened	Closed
MSSQL-Servers	2	1 mn	51 h 23 mn	51 h 25 mn	28	28
MySQL-Servers	2	2 mn	53 h 57 mn	54 h	40	40
Oracle-Servers	3	1 mn	63 h 58 mn	64 h	45	45

Mean time to repair by month



MSSQL-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 detected.

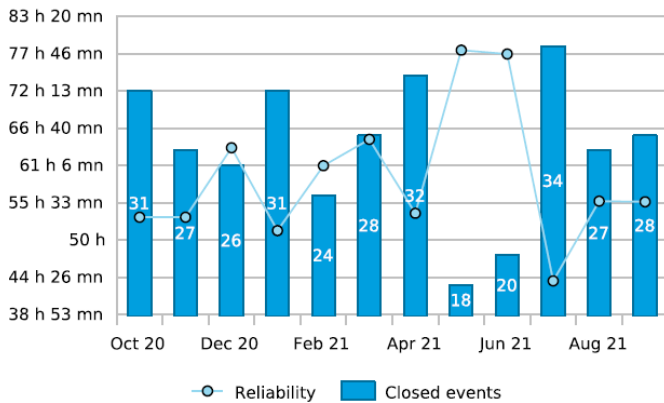
MTBF calculation method

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 detected.

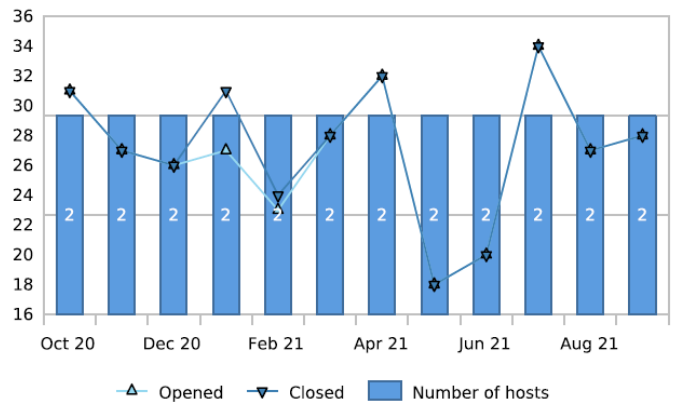
MTBSI calculation method

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

Mean time between failure by month



Opened/Closed exception events evolution by month



Host groups-Availability-1

This report shows availability and events exception distribution on multiple host groups.

Availability of your resources and their services

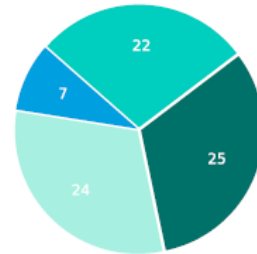
01 September 21

01 October 21

Time period : workhours

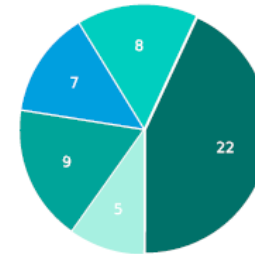
Resources by groups

- Database-Servers
- Domain-Controllers
- Linux-Servers
- Windows-Servers



Resources by categories

- Africa
- Asia
- Europe
- North_America
- Oceania



Flops

Host excep. ev. :Linux-Servers-Europe

Host unavailability :Database-Servers-Africa

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

Serv. unavailability :Linux-Servers-Oceania

Number of resources

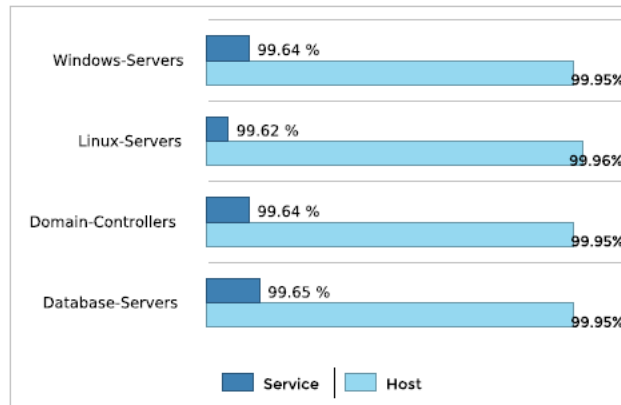
Host unavailability/ exception events

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).

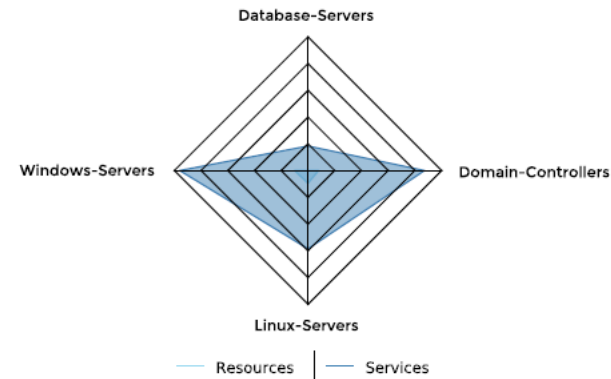
Service unavailability/Exception events

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 hostgroups



Detailed statistics by for hostgroups

Group	Number of hosts	Host			Service		
		Availability	Trend	Excep. ev.	Availability	Trend	Excep. ev.
Database-Servers	9	99.95%	-	25	99.65%	-	124
Africa	3	99.93%	-	10	99.67%	-	44
Asia	5	99.96%	-	14	99.70%	-	64
Europe	1	99.97%	-	1	99.58%	-	16
Domain-Controllers	22	99.95%	-	67	99.64%	-	499
Africa	4	99.95%	-	15	99.66%	-	86
Asia	3	99.97%	-	8	99.59%	-	79
Europe	7	99.96%	-	17	99.64%	-	160
North_America	5	99.93%	-	20	99.63%	-	115
Oceania	3	99.96%	-	7	99.70%	-	59
Linux-Servers	27	99.96%	-	76	99.62%	-	343
Africa	2	99.96%	-	4	99.67%	-	23
Asia	4	99.97%	-	9	99.71%	-	37
Europe	15	99.96%	-	43	99.60%	-	185
Oceania	6	99.95%	-	20	99.49%	-	98
Windows-Servers	24	99.95%	-	78	99.64%	-	547
Africa	5	99.93%	-	21	99.65%	-	107
Asia	4	99.95%	-	13	99.59%	-	106
Europe	7	99.96%	-	17	99.64%	-	160
North_America	5	99.93%	-	20	99.63%	-	115
Oceania	3	99.96%	-	7	99.70%	-	59
Global Statistics	82	99.95%	-	246	99.64%	-	1513

Database-Servers

Host unavailability

48% of unavailability have been detected on: **Asia**

Host exception events

56% of exception events have been detected on: **Asia**

Month	Unavailability	Excep. ev.
Jul 21	29 mn	27
Aug 21	40 mn	29
Sep 21	46 mn	25

Service unavailability

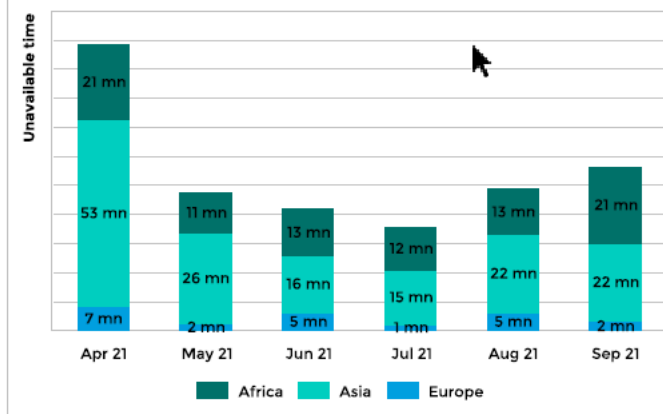
52% of unavailability have been detected on: **Asia**

Service exception events

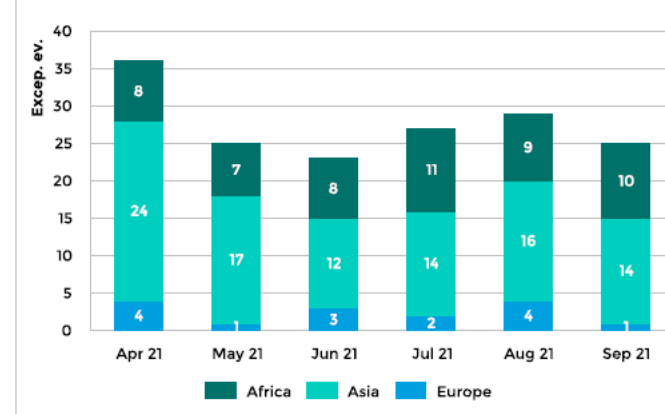
52% of exception events have been detected on: **Asia**

Month	Unavailability	Excep. ev.
Jul 21	28 h 3 mn	112
Aug 21	33 h 15 mn	123
Sep 21	27 h 44 mn	124

Host unavailability evolution

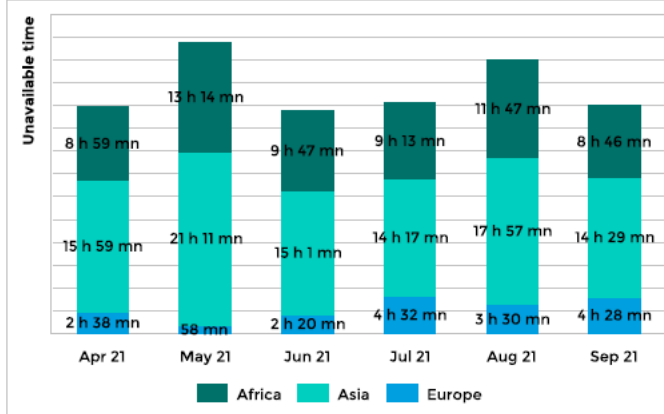


Host exception events evolution

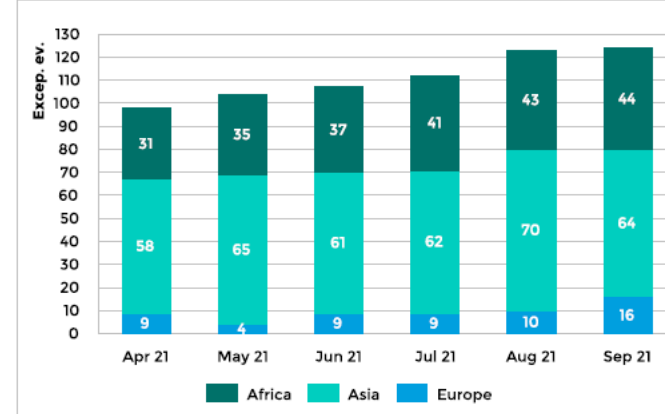


Hosts, service unavailabilities and exception events are distributed by host categories for the current group.

Evolution of service unavailability by host category



Evolution of service exception events by host category



Database-Servers

Host unavailability

100% is the ratio between the cumulative unavailability duration in list 1, and the total unavailability duration detected.

Host exception events

100% is the ratio between the sum the exception events in the list 2, and the total of exception events detected.

Service unavailability

100% is the ratio between the cumulative unavailability duration in list 3, and the total unavailability duration detected.

Service exception events

100% is the ratio between the sum the exception events in the list 4, and the total of exception events detected.

1. TOP 15 of host unavailabilities

13 mn 55 s	srv-mssql-01
10 mn 15 s	srv-mssql-02
4 mn 50 s	srv-oracle-accounting
3 mn 20 s	srv-mysql-02
3 mn	srv-mysql-01
2 mn 40 s	srv-oracle-crm
1 mn 5 s	srv-oracle-users

3. TOP 15 service unavailabilities by host

5 h 12 mn	srv-mysql-01
4 h 28 mn	srv-oracle-crm
3 h	srv-oracle-users
2 h 30 mn	srv-mysql-02
2 h 5 mn	srv-mssql-02
1 h 53 mn	srv-mssql-01
1 h 40 mn	srv-oracle-accounting

2. TOP 15 of host exception events

6	srv-mssql-01
5	srv-mssql-02
3	srv-oracle-accounting
3	srv-oracle-users
2	srv-mysql-02
1	srv-mysql-01
1	srv-oracle-crm

4. TOP 15 of service exception events by host

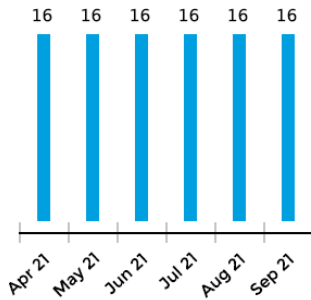
27	srv-mssql-02
21	srv-mssql-01
16	srv-oracle-crm
15	srv-mysql-01
8	srv-oracle-accounting
8	srv-oracle-users
6	srv-mysql-02

Host group -Availability-2

This report gives availability and exception events information for one host group.

Host group **Windows-Servers**

Number of resources



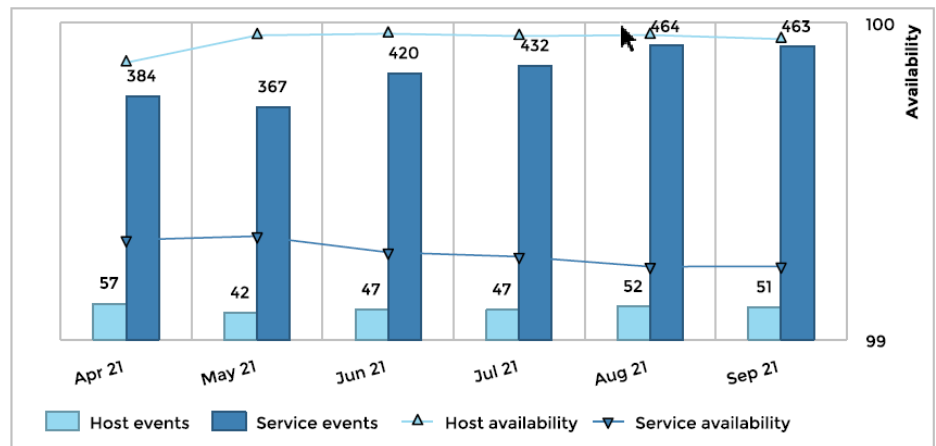
Host unavailability/ exception events

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

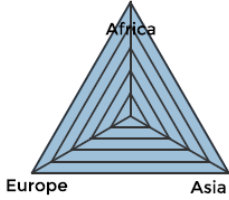


Availability and exception events evolution

	2021					
	Apr	May	Jun	Jul	Aug	Sep
Host availability	99.87%	99.96%	99.96%	99.95%	99.96%	99.94%
Host events	57	42	47	47	52	51
Service availability	99.31%	99.32%	99.27%	99.26%	99.23%	99.23%
Service events	384	367	420	432	464	463

Hosts

Availability / host cat

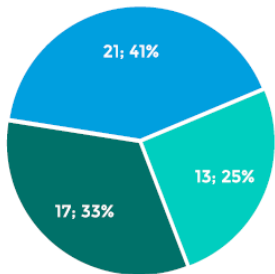


— % Availability

Sum up

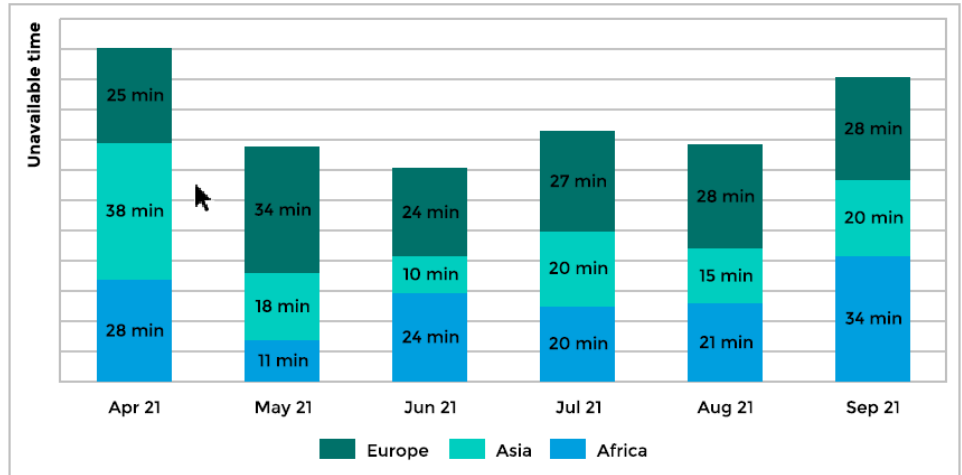
Host cat.	Avail.	Excep. ev.
Africa	99.93%	21
Asia	99.95%	13
Europe	99.96%	17

Host exception events / host cat.



■ Africa
■ Asia
■ Europe

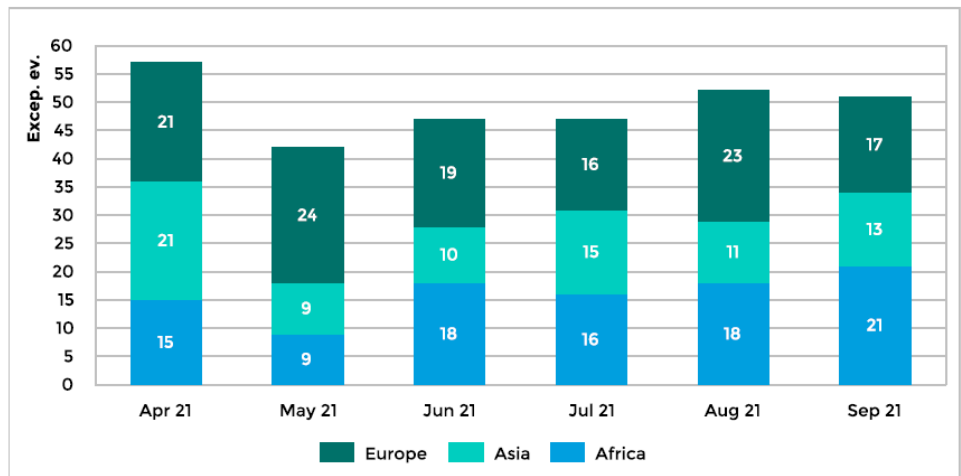
Host unavailability evolution



Top 10 - Host unavailability

Host	Unavailable	Avail.
srv-mssql-01	13 min	99.87%
srv-DC-casablanca	10 min	99.90%
srv-mssql-02	10 min	99.90%
srv-DC-lisbon	7 min	99.93%
srv-DC-tokyo	6 min	99.94%
srv-DC-berlin	5 min	99.95%
srv-DC-dublin	5 min	99.95%
srv-DC-alger	4 min	99.95%
srv-DC-paris	4 min	99.96%
srv-DC-london	3 min	99.97%

Host exception events evolution

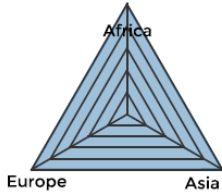


Top 10 - Host exception events

Host	Excep. ev.	Avail.
srv-mssql-01	6	99.87%
srv-DC-casablanca	6	99.90%
srv-mssql-02	5	99.90%
srv-DC-alger	4	99.95%
srv-DC-lisbon	4	99.93%
srv-DC-tokyo	4	99.94%
srv-DC-berlin	3	99.95%
srv-DC-paris	3	99.96%
srv-DC-dublin	3	99.95%
srv-DC-cape-town	3	99.97%

Services

Service availability / host cat.

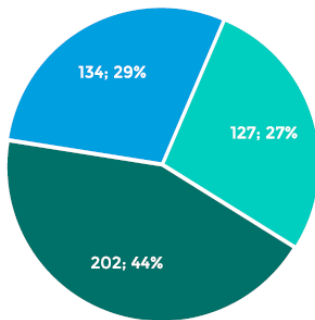


— % Availability

Sum up

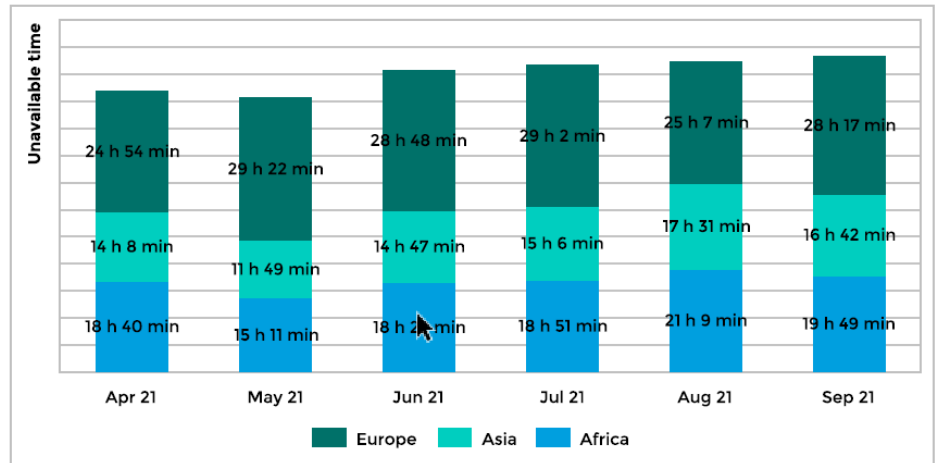
Host cat.	Avail.	Excep. ev.
Asia	99.21%	127
Europe	99.23%	202
Africa	99.25%	134

Service exception events / host cat.



■ Africa
■ Asia
■ Europe

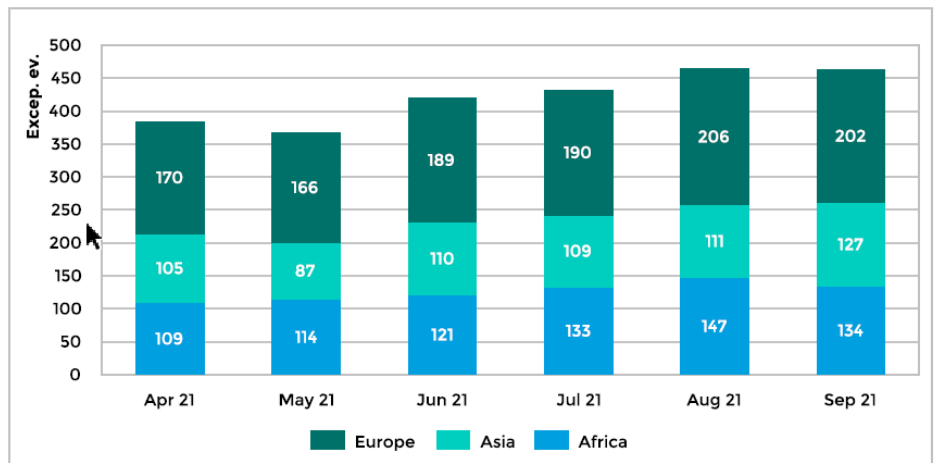
Evolution of service unavailability by host category



TOP 15 service exception events

Host	Service	Excep. ev.	Avail.
srv-DC-tokyo	eventlog-Antivirus	32	98.48%
srv-DC-hongkong	eventlog-Antivirus	29	98.65%
srv-DC-alger	eventlog-Antivirus	28	98.68%
srv-mssql-02	eventlog-Antivirus	27	98.81%
srv-DC-dublin	eventlog-Antivirus	27	98.72%
srv-DC-paris	eventlog-Antivirus	26	98.77%
srv-DC-casablanca	eventlog-Antivirus	24	98.82%
srv-DC-bruxelles	eventlog-Antivirus	23	98.91%
srv-DC-london	eventlog-Antivirus	23	98.91%
srv-DC-bratislava	eventlog-Antivirus	22	98.96%
srv-mssql-01	eventlog-Antivirus	21	98.93%
srv-DC-berlin	eventlog-Antivirus	20	99.05%
srv-DC-lisbon	eventlog-Antivirus	19	99.10%
srv-DC-beijing	eventlog-Antivirus	18	99.15%
srv-DC-yaounde	eventlog-Antivirus	18	99.15%

Evolution of service exception events by host category



Host group-Host-Availability-List

This report displays a list of host availability and exception events for a host group.

Host group Windows-Servers

Host availability

Host cat.	Host	Availability			Unavailable		Exception events	
		%	Duration	Trend	Duration	Trend	Total	Trend
Asia	srv-mssql-02	99.94%	743 h 32 min	-0.02%	27 min	+7 min	15	-3
North_America	srv-DC-los-angeles	99.94%	743 h 33 min	-0.01%	26 min	+6 min 40 sec	16	0
Europe	srv-DC-bratislava	99.94%	743 h 33 min	-0.02%	26 min	+10 min 30 sec	16	6
Europe	srv-DC-london	99.94%	743 h 32 min	-0.02%	25 min	+10 min 40 sec	17	8
Europe	srv-DC-berlin	99.94%	743 h 35 min	0.00%	25 min	+25 sec	18	0
Europe	srv-DC-lisbon	99.95%	743 h 35 min	0.00%	24 min	+5 sec	13	-3
Oceania	srv-DC-djakarta	99.95%	743 h 37 min	0.00%	23 min	+1 min 30 sec	14	0
Africa	srv-DC-cape-town	99.95%	743 h 37 min	0.02%	22 min	-8 min 30 sec	13	-6
Oceania	srv-DC-perth	99.95%	743 h 38 min	0.00%	21 min	+30 sec	16	2
Africa	srv-DC-alger	99.95%	743 h 39 min	-0.02%	20 min	+7 min 40 sec	16	5
Asia	srv-DC-beijing	99.95%	743 h 39 min	-0.01%	20 min	+4 min	16	5
Africa	srv-DC-casablanca	99.95%	743 h 39 min	-0.01%	20 min	+3 min 25 sec	16	7
Africa	srv-DC-yaounde	99.96%	743 h 40 min	0.01%	19 min	-2 min 35 sec	16	0
Europe	srv-DC-dublin	99.96%	743 h 40 min	-0.01%	19 min	+6 min 35 sec	18	8
North_America	srv-DC-mexico	99.96%	743 h 41 min	-0.01%	18 min	+6 min 20 sec	14	3
Asia	srv-DC-hongkong	99.96%	743 h 44 min	0.00%	15 min	-1 min 20 sec	11	0
Europe	srv-DC-paris	99.97%	743 h 44 min	0.01%	15 min	-5 min	12	2
Africa	srv-mssql-01	99.97%	743 h 45 min	0.03%	14 min	-13 min 20 sec	12	-4
South_America	srv-DC-brasilia	99.97%	743 h 46 min	0.00%	11 min	-1 min 30 sec	9	0
North_America	srv-DC-toronto	99.97%	743 h 48 min	0.04%	11 min	-19 min 20 sec	8	-10
Europe	srv-DC-bruxelles	99.98%	743 h 49 min	0.02%	11 min	-7 min 10 sec	9	-4
Asia	srv-DC-tokyo	99.98%	743 h 50 min	0.03%	9 min	-14 min 54 sec	7	-9
North_America	srv-DC-seattle	99.98%	743 h 50 min	0.00%	9 min	-30 sec	6	-2
Oceania	srv-DC-sydney	99.98%	743 h 51 min	0.02%	8 min	-10 min 50 sec	10	-3
North_America	srv-DC-miami	99.98%	743 h 51 min	0.03%	8 min	-14 min 55 sec	5	-11

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

Host group-Service-Availability-List

This report displays a list of service availability and service events for a host group.

Host cat.	Host	Services Cat.	Service	Availability			Exception events				Warning events			
				%	Duration	Trend	Duration	Trend	Alarms	Trend	Duration	Trend	Alarms	Trend
Europe	srv-DC-bratislava	Priority 3	disk-D	97,54%	655 h 29 min	-1,62	16 h 30 min	+10 h 15 min	38	21	7 h 20 min	-1 h 50 min	18	-2
Asia	srv-DC-tokyo	Priority 3	memory	97,58%	655 h 44 min	-0,90	16 h 15 min	+4 h 59 min	45	7	22 h 15 min	+1 h 28 min	71	-7
Asia	srv-DC-tokyo	Priority 2	memory	97,58%	655 h 44 min	-0,90	16 h 15 min	+4 h 59 min	45	7	22 h 15 min	+1 h 28 min	71	-7
Europe	srv-DC-dublin	Priority 3	memory	97,72%	656 h 40 min	-1,02	15 h 20 min	+5 h 55 min	48	19	20 h 15 min	+1 h 40 min	65	3
Europe	srv-DC-dublin	Priority 2	memory	97,72%	656 h 40 min	-1,02	15 h 20 min	+5 h 55 min	48	19	20 h 15 min	+1 h 40 min	65	3
Africa	srv-DC-alger	Priority 3	memory	97,97%	658 h 19 min	-0,42	13 h 40 min	+1 h 40 min	40	-1	18 h 35 min	-2 h 45 min	58	-7
Africa	srv-DC-alger	Priority 2	memory	97,97%	658 h 19 min	-0,42	13 h 40 min	+1 h 40 min	40	-1	18 h 35 min	-2 h 45 min	58	-7
Africa	srv-DC-yaounde	Priority 3	memory	98,03%	658 h 45 min	-0,48	13 h 15 min	+2 h 10 min	46	10	23 h 45 min	-40 min 43 sec	71	-6
Africa	srv-DC-yaounde	Priority 2	memory	98,03%	658 h 45 min	-0,48	13 h 15 min	+2 h 10 min	46	10	23 h 45 min	-40 min 43 sec	71	-6
Europe	srv-DC-lisbon	Priority 3	memory	98,07%	659 h	0,05	13 h	-1 h 45 min	35	-12	17 h 50 min	-8 h 24 min	63	-15
Europe	srv-DC-lisbon	Priority 2	memory	98,07%	659 h	0,05	13 h	-1 h 45 min	35	-12	17 h 50 min	-8 h 24 min	63	-15
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.														
Reporting period from 2/1/19 to 3/1/19 , business hours: 24x7														

Host group-Host-Event-List

This report displays a list of exception events on devices.

Host group Windows-Servers

Inventory of uninformative host events detected

Host cat.	Host	State	Period		Acknowledgement	Performance	
			Start	End		Real MTRS	Effective MTRS
Asia	srv-mssql-02	Down	Sep 30, 2021, 11:16 PM	Sep 30, 2021, 11:18 PM	-	1 min 35 sec	1 min 35 sec
Europe	srv-DC-dublin	Down	Sep 30, 2021, 12:22 PM	Sep 30, 2021, 12:24 PM	-	2 min 20 sec	2 min 20 sec
North_America	srv-DC-los-angeles	Down	Sep 30, 2021, 12:07 PM	Sep 30, 2021, 12:09 PM	-	1 min 35 sec	1 min 35 sec
Africa	srv-mssql-01	Down	Sep 30, 2021, 9:22 AM	Sep 30, 2021, 9:24 AM	-	2 min 10 sec	2 min 10 sec
Asia	srv-DC-beijing	Down	Sep 30, 2021, 3:18 AM	Sep 30, 2021, 3:20 AM	-	2 min 10 sec	2 min 10 sec
Asia	srv-DC-hongkong	Down	Sep 30, 2021, 12:01 AM	Sep 30, 2021, 12:02 AM	-	1 min 5 sec	1 min 5 sec
Africa	srv-DC-alger	Down	Sep 29, 2021, 9:56 PM	Sep 29, 2021, 9:58 PM	-	1 min 55 sec	1 min 55 sec
Africa	srv-DC-alger	Down	Sep 29, 2021, 7:42 PM	Sep 29, 2021, 7:43 PM	-	1 min 5 sec	1 min 5 sec
Europe	srv-DC-bruxelles	Down	Sep 29, 2021, 5:39 PM	Sep 29, 2021, 5:40 PM	-	1 min 10 sec	1 min 10 sec
Europe	srv-DC-lisbon	Down	Sep 29, 2021, 11:15 AM	Sep 29, 2021, 11:17 AM	-	2 min 15 sec	2 min 15 sec
Asia	srv-DC-beijing	Down	Sep 29, 2021, 8:26 AM	Sep 29, 2021, 8:27 AM	-	35 sec	35 sec
Africa	srv-DC-yaounde	Down	Sep 29, 2021, 5:27 AM	Sep 29, 2021, 5:27 AM	-	40 sec	40 sec
Africa	srv-DC-alger	Down	Sep 29, 2021, 3:31 AM	Sep 29, 2021, 3:32 AM	-	55 sec	55 sec
Africa	srv-DC-cape-town	Down	Sep 29, 2021, 2:50 AM	Sep 29, 2021, 2:51 AM	-	1 min 25 sec	1 min 25 sec
North_America	srv-DC-los-angeles	Down	Sep 29, 2021, 12:34 AM	Sep 29, 2021, 12:36 AM	-	2 min 15 sec	2 min 15 sec
Europe	srv-DC-london	Down	Sep 28, 2021, 11:36 PM	Sep 28, 2021, 11:38 PM	-	2 min	2 min
North_America	srv-DC-mexico	Down	Sep 28, 2021, 11:16 PM	Sep 28, 2021, 11:19 PM	-	3 min 15 sec	3 min 15 sec
North_America	srv-DC-mexico	Down	Sep 28, 2021, 10:34 PM	Sep 28, 2021, 10:35 PM	-	1 min 20 sec	1 min 20 sec
Africa	srv-DC-casablanca	Down	Sep 28, 2021, 6:27 PM	Sep 28, 2021, 6:28 PM	-	45 sec	45 sec
Europe	srv-DC-london	Down	Sep 28, 2021, 6:13 PM	Sep 28, 2021, 6:14 PM	-	45 sec	45 sec
Africa	srv-DC-casablanca	Down	Sep 28, 2021, 2:25 PM	Sep 28, 2021, 2:25 PM	-	35 sec	35 sec
North_America	srv-DC-miami	Down	Sep 28, 2021, 6:34 AM	Sep 28, 2021, 6:37 AM	-	2 min 20 sec	2 min 20 sec
North_America	srv-DC-mexico	Down	Sep 28, 2021, 3:49 AM	Sep 28, 2021, 3:49 AM	-	45 sec	45 sec

The acknowledgment column content corresponds to the delay between the event start time and its 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.

Host group-Service-Event-List

This report displays the list of uninformative events on services for a given host group.

Host group MSSQL-Servers

Inventory of uninformative service events detected

Host cat.	Host	Service Cat.	Services	State	Period		Acknowledgement	Performance	
					Start	End		Real MTRS	Effective MTRS
Africa	srv-mssql-01	Memory	memory	Warning	Sep 30, 2021, 9:55 PM	Sep 30, 2021, 10:20 PM	-	25 min	25 min
Asia	srv-mssql-02	Antivirus	eventlog-Antivirus	Critical	Sep 30, 2021, 8:30 PM	Sep 30, 2021, 8:35 PM	-	5 min	5 min
Africa	srv-mssql-01	Memory	memory	Critical	Sep 30, 2021, 6:28 PM	Sep 30, 2021, 6:53 PM	-	25 min	25 min
Africa	srv-mssql-01	Memory	memory	Warning	Sep 30, 2021, 6:23 PM	Sep 30, 2021, 6:28 PM	-	5 min	5 min
Asia	srv-mssql-02	Antivirus	eventlog-Antivirus	Critical	Sep 30, 2021, 6:15 PM	Sep 30, 2021, 6:20 PM	-	5 min	5 min
Africa	srv-mssql-01	Antivirus	eventlog-Antivirus	Critical	Sep 30, 2021, 3:41 PM	Sep 30, 2021, 3:46 PM	-	5 min	5 min
Africa	srv-mssql-01	OS-storage	disk-C	Critical	Sep 30, 2021, 12:23 PM	Sep 30, 2021, 1:18 PM	-	55 min	55 min
Asia	srv-mssql-02	Antivirus	eventlog-Antivirus	Critical	Sep 30, 2021, 1:00 PM	Sep 30, 2021, 1:05 PM	-	5 min	5 min
Asia	srv-mssql-02	Memory	memory	Warning	Sep 30, 2021, 12:34 PM	Sep 30, 2021, 12:39 PM	-	5 min	5 min
Asia	srv-mssql-02	Antivirus	eventlog-Antivirus	Critical	Sep 30, 2021, 10:40 AM	Sep 30, 2021, 10:45 AM	-	5 min	5 min
Asia	srv-mssql-02	Memory	memory	Critical	Sep 30, 2021, 9:32 AM	Sep 30, 2021, 9:37 AM	-	5 min	5 min
Asia	srv-mssql-02	Antivirus	eventlog-Antivirus	Critical	Sep 30, 2021, 9:10 AM	Sep 30, 2021, 9:15 AM	-	5 min	5 min
Africa	srv-mssql-01	Antivirus	eventlog-Antivirus	Critical	Sep 30, 2021, 8:21 AM	Sep 30, 2021, 8:26 AM	-	5 min	5 min
Africa	srv-mssql-01	Antivirus	eventlog-Antivirus	Critical	Sep 30, 2021, 8:06 AM	Sep 30, 2021, 8:11 AM	-	5 min	5 min
Africa	srv-mssql-01	OS-storage	disk-C	Warning	Sep 30, 2021, 6:34 AM	Sep 30, 2021, 6:39 AM	-	5 min	5 min
Asia	srv-mssql-02	Antivirus	eventlog-Antivirus	Critical	Sep 30, 2021, 5:35 AM	Sep 30, 2021, 5:40 AM	-	5 min	5 min
Africa	srv-mssql-01	Antivirus	eventlog-Antivirus	Critical	Sep 30, 2021, 4:41 AM	Sep 30, 2021, 4:46 AM	-	5 min	5 min
Asia	srv-mssql-02	Antivirus	eventlog-Antivirus	Critical	Sep 30, 2021, 3:55 AM	Sep 30, 2021, 4:00 AM	-	5 min	5 min
Africa	srv-mssql-01	Memory	memory	Critical	Sep 30, 2021, 3:36 AM	Sep 30, 2021, 3:51 AM	-	15 min	15 min
Asia	srv-mssql-02	Antivirus	eventlog-Antivirus	Critical	Sep 30, 2021, 12:55 AM	Sep 30, 2021, 1:00 AM	-	5 min 1 sec	5 min 1 sec
Africa	srv-mssql-01	Memory	memory	Warning	Sep 30, 2021, 12:44 AM	Sep 30, 2021, 12:59 AM	-	15 min	15 min

The acknowledgement column content corresponds to the delay between the event start time and its 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.

Host groups-Host-Current-Events

This report displays current events on hosts in a group. The report contains four parts. It is possible to choose a title and define the perimeter for each part by filtering on host groups and host categories.


Hosts state on Sep 17, 2021, 4:37 PM

ESX HOSTS

No event detected 

NETWORK EQUIPMENTS

58 1 0 **1.69% of hosts are down**
* The ratio is calculated on UP,Down and unreachable states

Hosts	Duration
rt-berlin	 3 min

STORAGE SERVERS

No event detected 

Host groups-Service-Current-Events

This report displays current events on services. The report contains four parts. The report contains four parts. It is possible to choose a title and define the perimeter for each part by filtering on host groups, host categories and service categories.

Services state on Oct 5, 2021, 11:20 AM

ESX HOSTS

No event detected



NETWORK EQUIPMENTS

No event detected



STORAGE SERVERS

81 1 1 0

1.2% of services are in critical state

* The ratio is calculated on OK, Warning, Critical and Unknown states

Hosts	Services	Duration
mail-titan-gateway	disk-/	17 min
mail-io-backend	disk-/usr	13 min

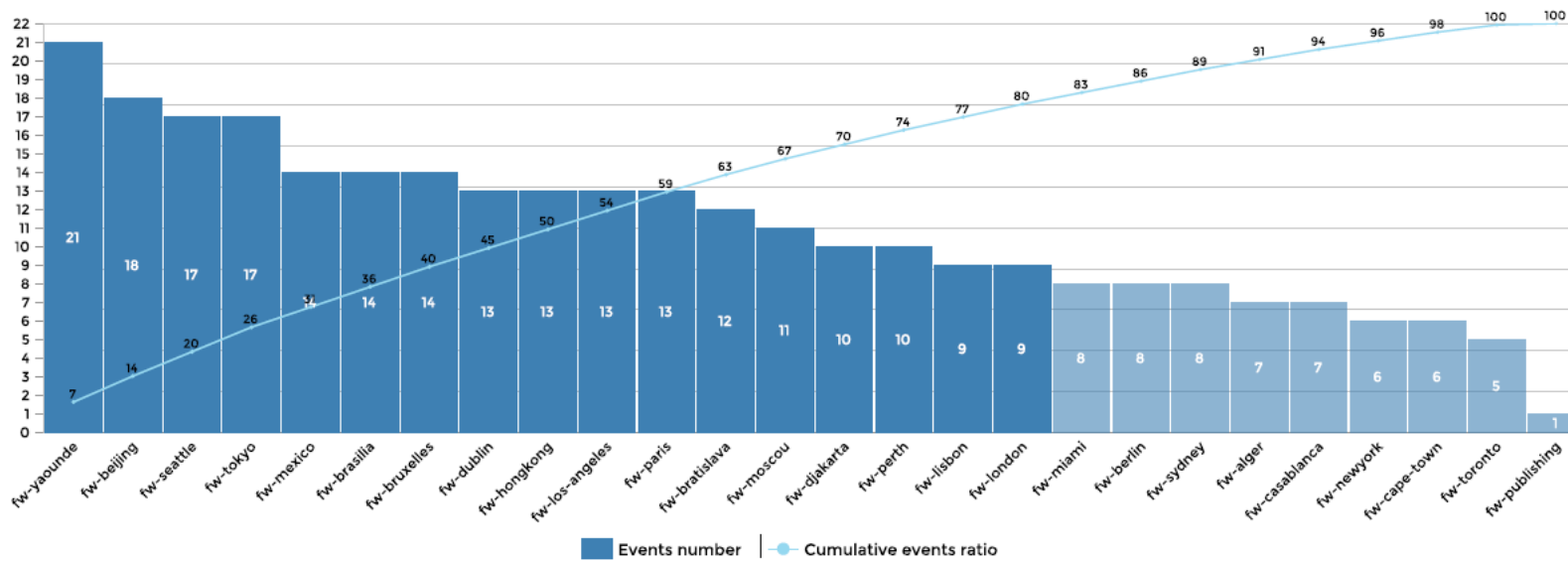
Host group-Host-Event-Pareto

This report allows the identification of hosts responsible of the largest number of events represented in a Pareto diagram.

Firewalls

Pareto Chart - Hosts that caused the more events:

17 hosts which corresponds to 65.38% of hosts on the hostgroup generate more that 80% of total events



The pareto chart is a graph showing the importance of different causes (hosts) of a phenomenon (exception events). This chart allows to highlight hosts generating the most of exception events (DOWN state) on a hostgroup. By sorting hosts in descending order in terms of events number and displaying the cumulative events ratio, it's possible to highlight that much part of events is based on a small number of hosts.

Capacity & Performance

Host group-Capacity-Planning-Linear-Regression

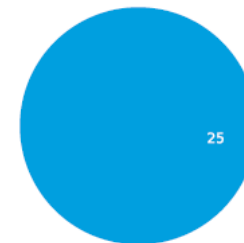
This report displays the evolution and forecast of performance metrics for a host group.

Capacity provisional report

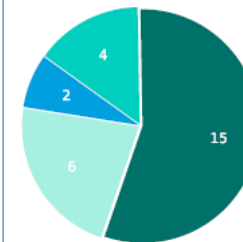
01 September 21
01 October 21

Time period : 24x7

Resources by group
■ Linux-Servers

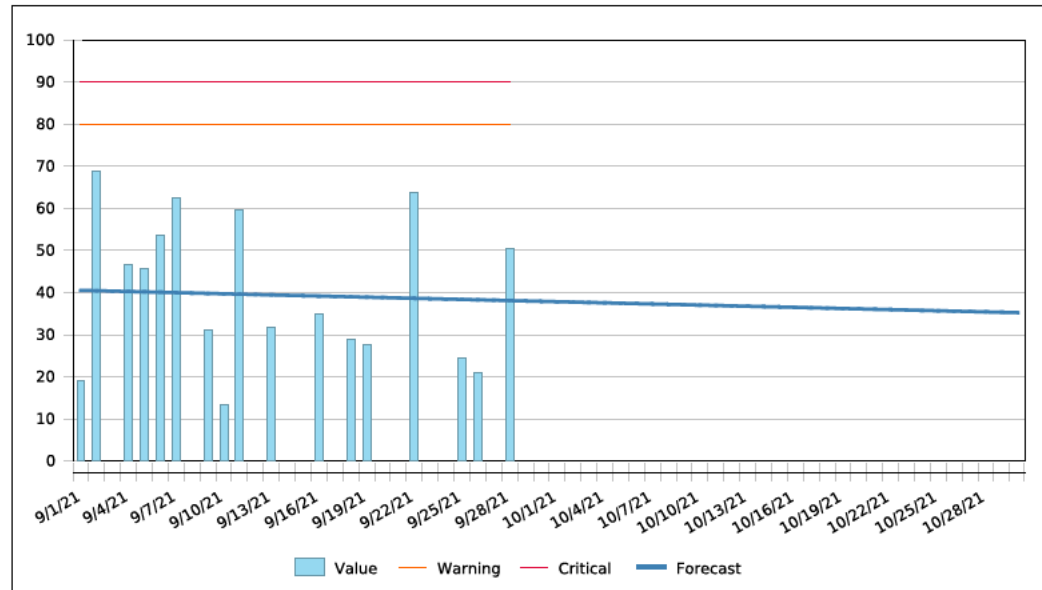


Resources by category
■ Africa
■ Asia
■ Europe
■ Oceania



ldap-baudelaire-slave disk-/var/lib/ldap (metric:used)

Date	Value	Forecast	Error Index
Sep 1, 2021	19.02	40.53	21.51
Sep 2, 2021	68.81	40.44	28.36
Sep 3, 2021		40.36	
Sep 4, 2021	46.58	40.27	6.31
Sep 5, 2021	45.70	40.18	5.52
Sep 6, 2021	53.65	40.09	13.56
Sep 7, 2021	62.59	40.00	22.59
Sep 8, 2021		39.91	
Sep 9, 2021	31.09	39.82	8.72
Sep 10, 2021	13.36	39.73	26.37
Sep 11, 2021	59.78	39.64	20.14
Sep 12, 2021		39.55	
Sep 13, 2021	31.83	39.46	7.63
Sep 14, 2021		39.37	
Sep 15, 2021		39.28	
Sep 16, 2021	34.96	39.19	4.23
Sep 17, 2021		39.10	
Sep 18, 2021	28.78	39.01	10.23
Sep 19, 2021	27.62	38.92	11.29
Sep 20, 2021		38.83	
Sep 21, 2021		38.74	
Sep 22, 2021	63.69	38.65	25.04
Sep 23, 2021		38.56	
Sep 24, 2021		38.47	
Sep 25, 2021	24.33	38.38	14.05
Sep 26, 2021	20.82	38.29	17.47
Sep 27, 2021		38.20	
Sep 28, 2021	50.49	38.11	12.38
Sep 29, 2021		38.02	
Sep 30, 2021		37.93	
Oct 1, 2021		37.84	
Oct 2, 2021		37.75	
Oct 3, 2021		37.66	
Oct 4, 2021		37.57	
Oct 5, 2021		37.48	
Oct 6, 2021		37.39	
Oct 7, 2021		37.30	
Oct 8, 2021		37.21	
Oct 9, 2021		37.12	
Oct 10, 2021		37.03	
Oct 11, 2021		36.94	



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

Values are expressed in percentage (%)
 Daily based sampling
 Sampling period to calculate the linear regression: Aug 2, 2021 - Oct 1, 2021
 The forecasts are close to reality when the reliability index is less than 1

Host groups-Storage-Capacity-1

This report displays statistics on allocated and used storage space for multiple host groups.

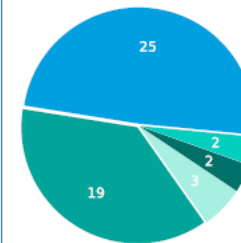
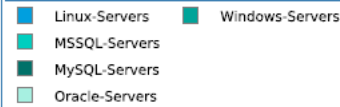
Storage Management Report

01 **September** 21

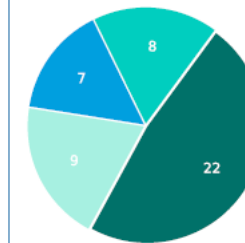
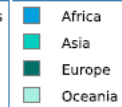
01 **October** 21

Time period : 24x7

Resources by groups



Resources by categories



Definition and analysis axes

Allocated

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

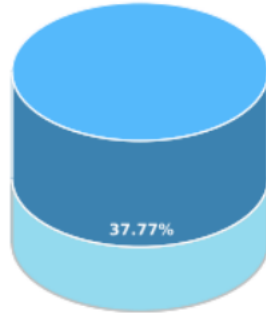
Used

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.

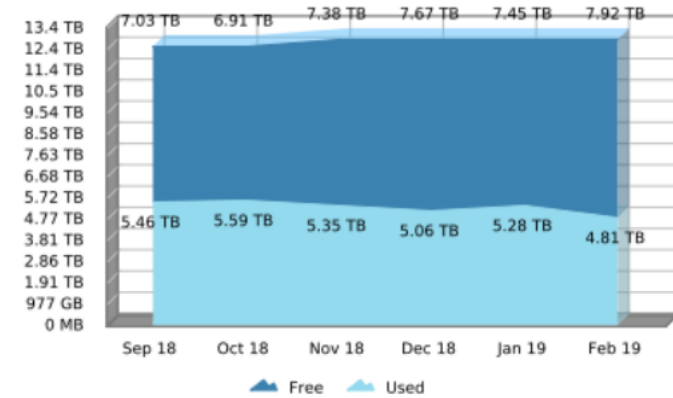
Global information



12.7 TB
of allocated space

4.81 TB
of used space

Used and free space evolution



0.00% of additional allocated space compared to the previous month

0 B of additional allocated space compared to the previous month

-482 GB of additional used space compared to the previous month

Allocated space/host groups

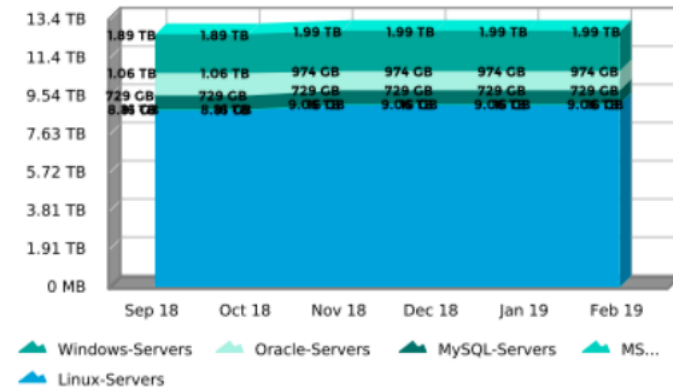


Detailed statistics by groups

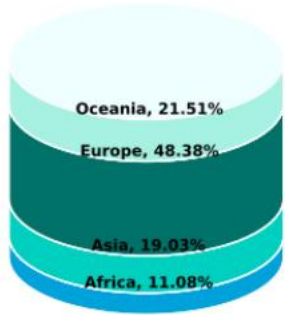
Group	Allocated	Evolution	% used	Evolution
Linux-Servers	9.06 TB	0% (0 B)	39.49%	-3.93% (-150 GB)
Windows-Servers	1.99 TB	0% (0 B)	38.63%	7.82% (57.1 GB)
MSSQL-Servers	16 GB	0% (0 B)	32.39%	-16.95% (-1.06 GB)
MySQL-Servers	729 GB	0% (0 B)	33.48%	-41.33% (-172 GB)
Oracle-Servers	974 GB	0% (0 B)	22.93%	-49.25% (-217 GB)
Global statistics	12.7 TB	0% (0 B)	37.77%	-8.92% (-482 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	2.42 TB	0% (0 B)	28.67%	-31.55% (-328 GB)
Europe	6.16 TB	0% (0 B)	42.13%	4.15% (106 GB)
Oceania	2.74 TB	0% (0 B)	38.48%	-0.69% (-7.45 GB)
Africa	1.41 TB	0% (0 B)	33.01%	-34.67% (-253 GB)
Global statistics	12.7 TB	0% (0 B)	37.77%	-8.92% (-482 GB)

Allocated space evolution by host categories



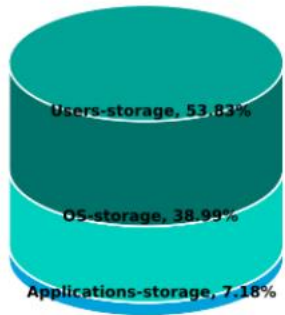
6.16 TB

of additional allocated space compared to the previous month for : Europe

6.85 TB

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

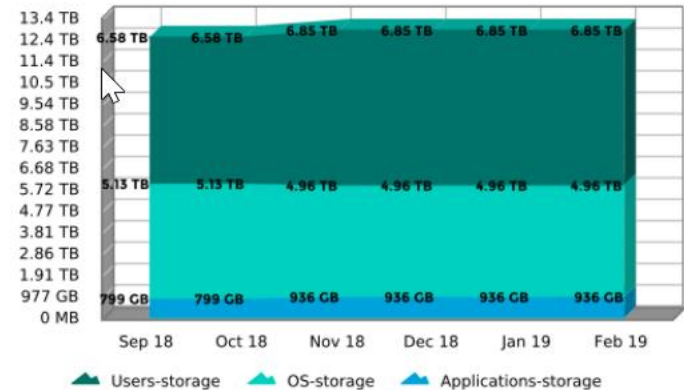
Allocated space/service cat.



Detailed statistics by service categories

Services Categories	Allocated	Evolution	% used	Evolution
OS-storage	4.96 TB	0% (0 B)	39.58%	-0.57% (-11.6 GB)
Users-storage	6.85 TB	0% (0 B)	36.74%	-12.3% (-362 GB)
Applications-storage	936 GB	0% (0 B)	35.68%	-24.63% (-109 GB)
Global statistics	12.7 TB	0% (0 B)	37.77%	-8.92% (-482 GB)

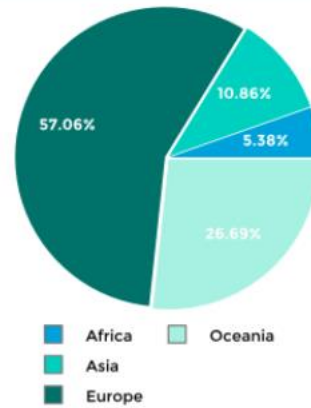
Allocated space evolution by service categories



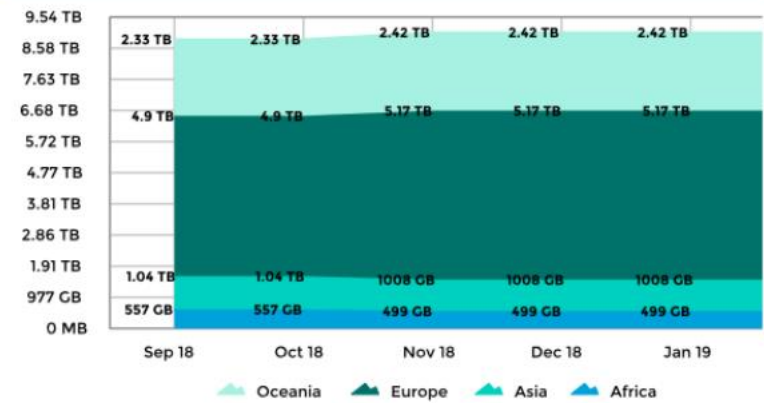
Used and free space evolution



Allocated space/host cat.



Allocated space evolution by host categories



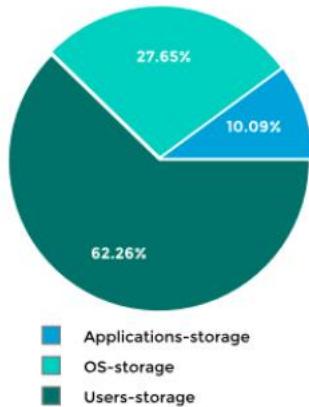
Linux-Servers

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

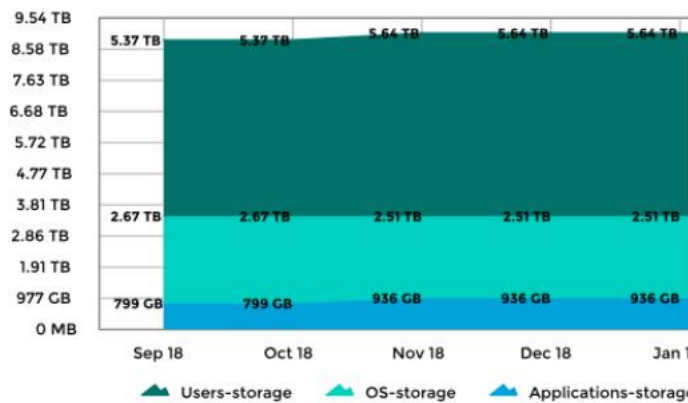
Allocated
Used

	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19
Allocated	-	-	+2.8% (253 GB)	-	-	-
Used	-	+2.78% (111 GB)	-0.38% (-15.7 GB)	-13.22% (-540 GB)	+7.53% (267 GB)	-3.93% (-150 GB)

Allocated space/service cat.



Allocated space evolution by service categories



Detailed statistics by host and service categories

	Allocated	Evolution	% used	Evolution
Africa	499 GB	0% (0 B)	30.93%	-44.89% (-126 GB)
OS-storage	167 GB	0% (0 B)	39.65%	-38.87% (-42.1 GB)
Users-storage	332 GB	0% (0 B)	26.54%	-48.69% (-83.6 GB)
Asia	1008 GB	0% (0 B)	25.29%	-43.19% (-194 GB)
OS-storage	221 GB	0% (0 B)	38.24%	-29.31% (-35 GB)
Users-storage	787 GB	0% (0 B)	21.65%	-48.23% (-159 GB)
Europe	5.17 TB	0% (0 B)	43.94%	13.64% (279 GB)
OS-storage	1.55 TB	0% (0 B)	41.44%	13.09% (76.2 GB)
Users-storage	3.27 TB	0% (0 B)	44.16%	12.49% (164 GB)
Applications-storage	362 GB	0% (0 B)	52.89%	25.6% (39 GB)
Oceania	2.42 TB	0% (0 B)	37.46%	-10.55% (-109 GB)
OS-storage	590 GB	0% (0 B)	43.34%	25.06% (51.2 GB)
Users-storage	1.28 TB	0% (0 B)	40.34%	-2.32% (-12.6 GB)
Applications-storage	574 GB	0% (0 B)	24.82%	-50.98% (-148 GB)
Global statistics	9.06 TB	0% (0 B)	39.49%	-3.93% (-150 GB)

Host group-Storage-Capacity-List

This report displays the list of storage space usage for a given host group.

Host group Linux-Servers

Space allocated/used by partition

Resource	Partition	Allocation			Occupation			Time before saturation
		Allocated	Evolution	Used	% used	Evolution		
mail-europa-backend	disk-/home	165 GB	0 %(0 B)	165 GB	99.89%	140.11 % (96.2 GB)	1 day(s)	
mail-venus-frontend	disk-/usr	188 GB	0 %(0 B)	178 GB	94.51%	20.54 % (30.3 GB)	11 day(s)	
mail-europa-backend	disk-/var/spool/cyrus	89 GB	0 %(0 B)	75.3 GB	84.58%	278.8 % (55.4 GB)	8 day(s)	
mail-earth-frontend	disk-/usr	159 GB	0 %(0 B)	130 GB	81.91%	467.67 % (107 GB)	9 day(s)	
mail-earth-frontend	disk-/	6 GB	0 %(0 B)	4.71 GB	78.45%	202.48 % (3.15 GB)	13 day(s)	
srv-mysql-02	disk-/usr	21 GB	0 %(0 B)	16.4 GB	78.06%	-18.72 % (-3.78 GB)	-	
mail-europa-backend	disk-/usr	97 GB	0 %(0 B)	74.3 GB	76.65%	43.11 % (22.4 GB)	32 day(s)	
srv-oracle-accounting	disk-/usr	72 GB	0 %(0 B)	55 GB	76.33%	1420.3 % (51.3 GB)	11 day(s)	
mail-callisto-backend	disk-/var/spool/cyrus	6 GB	0 %(0 B)	4.56 GB	76.07%	631.03 % (3.94 GB)	12 day(s)	
mail-sun-master	disk-/home	182 GB	0 %(0 B)	133 GB	73.29%	-23.54 % (-41.1 GB)	-	
mail-io-backend	disk-/home	117 GB	0 %(0 B)	85.1 GB	72.77%	49.92 % (28.4 GB)	35 day(s)	
mail-uranus-frontend	disk-/	73 GB	0 %(0 B)	52.9 GB	72.51%	32.73 % (13.1 GB)	48 day(s)	
mail-europa-backend	disk-/	70 GB	0 %(0 B)	50.2 GB	71.76%	52.06 % (17.2 GB)	36 day(s)	
mail-sun-master	disk-/usr	101 GB	0 %(0 B)	70.9 GB	70.23%	81.09 % (31.8 GB)	30 day(s)	
mail-ganymede-backend	disk-/usr	97 GB	0 %(0 B)	68.1 GB	70.22%	47.58 % (22 GB)	41 day(s)	
mail-callisto-backend	disk-/usr	191 GB	0 %(0 B)	132 GB	69.05%	19.92 % (21.9 GB)	84 day(s)	
mail-mercury-frontend	disk-/usr	120 GB	0 %(0 B)	82.3 GB	68.54%	51.21 % (27.9 GB)	43 day(s)	
mail-sun-master	disk-/	57 GB	0 %(0 B)	37 GB	64.96%	52.2 % (12.7 GB)	49 day(s)	
mail-titan-gateway	disk-/	184 GB	0 %(0 B)	117 GB	63.49%	19.38 % (19 GB)	3+ months	
mail-ganymede-backend	disk-/home	90 GB	0 %(0 B)	55.9 GB	62.11%	36.83 % (15 GB)	71 day(s)	
mail-venus-frontend	disk-/home	86 GB	0 %(0 B)	53.3 GB	62.03%	137.37 % (30.9 GB)	33 day(s)	
mail-jupiter-frontend	disk-/usr	78 GB	0 %(0 B)	48.4 GB	61.99%	39.85 % (13.8 GB)	67 day(s)	
mail-venus-frontend	disk-/	94 GB	0 %(0 B)	55.3 GB	58.82%	111.14 % (29.1 GB)	42 day(s)	
srv-oracle-crm	disk-/usr	47 GB	0 %(0 B)	27.6 GB	58.77%	11.59 % (2.87 GB)	3+ months	
srv-oracle-users	disk-/	78 GB	0 %(0 B)	45.8 GB	58.76%	47.69 % (14.8 GB)	68 day(s)	
srv-mysql-02	disk-/home	73 GB	0 %(0 B)	42.1 GB	57.73%	61.45 % (16 GB)	60 day(s)	
mail-saturn-frontend	disk-/home	126 GB	0 %(0 B)	71.8 GB	57.02%	209.46 % (48.6 GB)	35 day(s)	
mail-callisto-backend	disk-/home	131 GB	0 %(0 B)	74.1 GB	56.55%	10.58 % (7.09 GB)	3+ months	
mail-io-backend	disk-/var/spool/cyrus	145 GB	0 %(0 B)	81.4 GB	56.12%	207.74 % (54.9 GB)	36 day(s)	

Host group-Storage-Capacity-2

This report gives detailed storage statistics and the storage space evolution for a given host group.

Host group Linux-Servers

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.

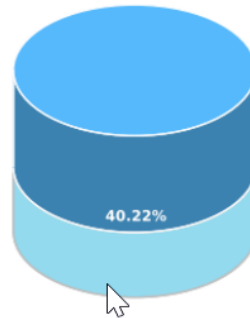
Evolution

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.

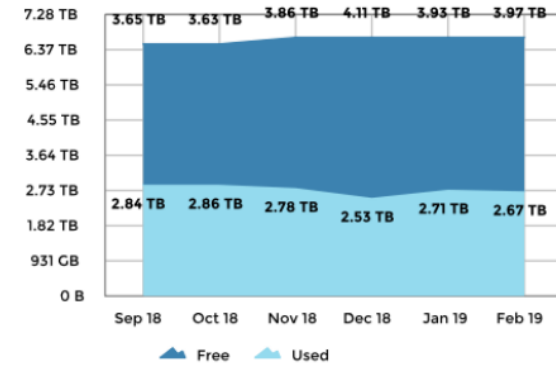
Global information



6.64 TB
of allocated space

2.67 TB
of used space

Used and free 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.

Allocated
Used

	Dec 2018	Feb 2019
Allocated	-	-
Used	+0.97% (28.1 GB)	+7.14% (185 GB)
Evolution	+2.36% (157 GB)	-1.45% (-40.3 GB)
Free	-9.03% (-257 GB)	-

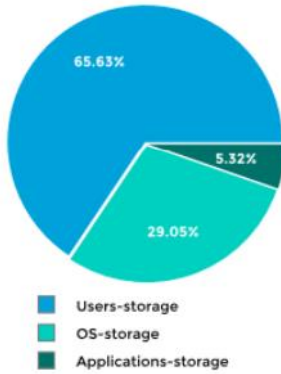
Top 10 - time before saturation

Resource	Partition	Allocated	Occupation		Time before saturation
			% used	Evolution	
mail-europa-backend	disk-/	132 GB	69.83%	77.4 GB	15 day(s)
mail-saturn-frontend	disk-/usr	195 GB	66.41%	113 GB	17 day(s)
mail-europa-backend	disk-/usr	191 GB	77.24%	72.9 GB	17 day(s)
mail-mercury-frontend	disk-/home	187 GB	78.84%	53.1 GB	21 day(s)
mail-neptune-frontend	disk-/home	134 GB	72.67%	46.9 GB	22 day(s)
mail-earth-frontend	disk-/home	18 GB	54.85%	9.72 GB	24 day(s)
mail-earth-frontend	disk-/	12 GB	52.44%	5.94 GB	27 day(s)
mail-europa-backend	disk-/var/spool/cyrus	151 GB	77.59%	27.6 GB	35 day(s)
mail-uranus-frontend	disk-/	169 GB	60.13%	50.4 GB	38 day(s)
mail-neptune-frontend	disk-/	8 GB	50.57%	2.98 GB	38 day(s)

Top 10 - storage space usage

Resource	Partition	Allocated	Occupation		Evolution
			Used	% used	
mail-sun-master	disk-/usr	108 GB	90.7 GB	83.95%	7.59 %
mail-mercury-frontend	disk-/home	187 GB	147 GB	78.84%	56.26 %
mail-europa-backend	disk-/var/spool/cyrus	151 GB	117 GB	77.59%	30.85 %
mail-europa-backend	disk-/usr	191 GB	148 GB	77.24%	97.74 %
mail-mars-frontend	disk-/	165 GB	127 GB	76.83%	-1.41 %
mail-neptune-frontend	disk-/home	134 GB	97.4 GB	72.67%	92.95 %
mail-callisto-backend	disk-/home	161 GB	116 GB	72.35%	17.63 %
mail-europa-backend	disk-/	132 GB	92.2 GB	69.83%	524.24 %
mail-venus-frontend	disk-/	129 GB	88.4 GB	68.52%	43 %
mail-saturn-frontend	disk-/usr	195 GB	129 GB	66.41%	708.68 %

Allocated space/service cat.



Key Numbers

65.63%

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

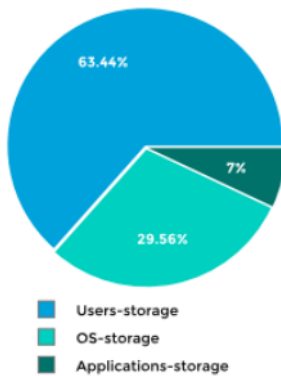
0 B

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

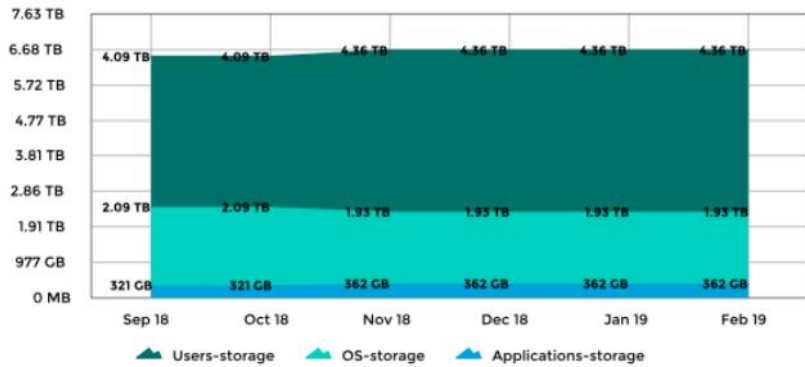
+ 39 GB

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

Used space/service cat.



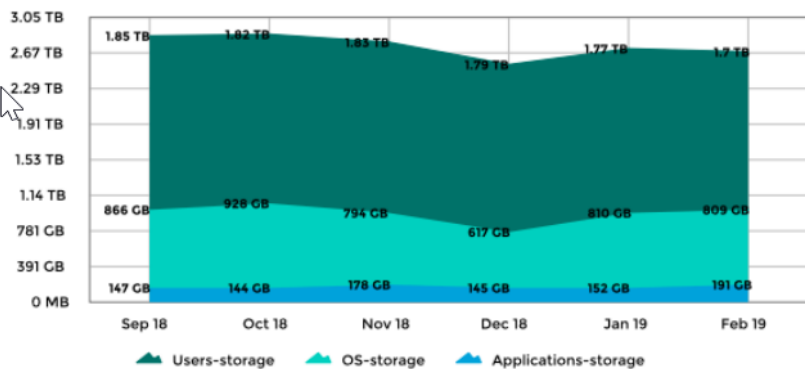
Allocated space evolution by service categories



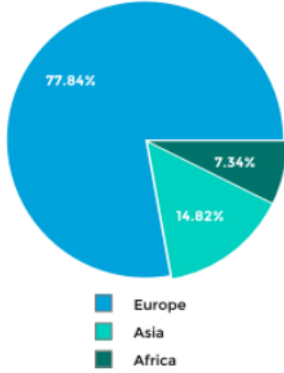
Detailed statistics by service categories

Services Categories	Allocated			Used		
	Allocated	% allocated	Evolution	Used	% used	Evolution
OS-storage	1.93 TB	29.05%	0% (0 B)	809 GB	40.93%	-0.12% (-1024 MB)
Users-storage	4.36 TB	65.63%	0% (0 B)	1.7 TB	38.88%	-4.32% (-78.4 GB)
Applications-storage	362 GB	5.32%	0% (0 B)	191 GB	52.89%	25.6% (39 GB)
Global statistics	6.64 TB		0% (0 B)	2.67 TB	40.22%	-1.45% (-40.3 GB)

Used space evolution by service category



Allocated space/host cat.



Key Numbers

77.84%

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

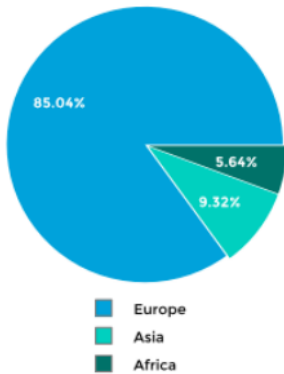
0 B

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

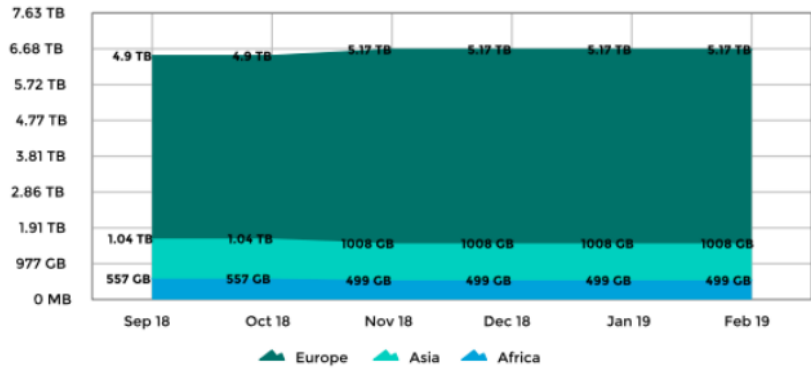
+ 279 GB

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

Used space/host cat.



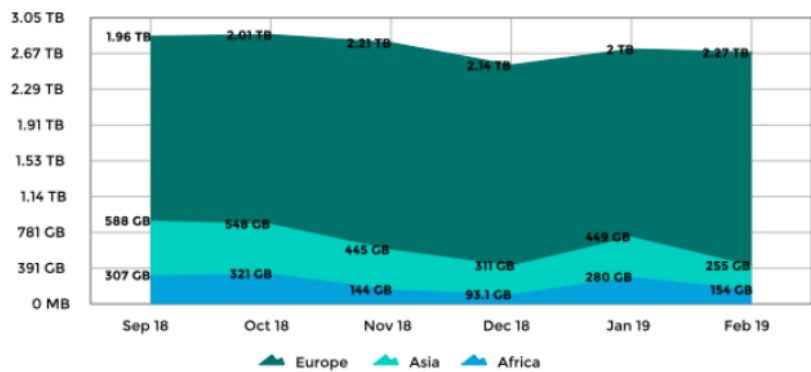
Allocated space evolution by host categories



Detailed statistics by host category

Host Categories	Allocated			Used		
	Allocated	% allocated	Evolution	Used	% used	Evolution
Asia	1008 GB	14.82%	0% (0 B)	255 GB	25.29%	-43.19% (-194 GB)
Europe	5.17 TB	77.84%	0% (0 B)	2.27 TB	43.94%	13.64% (279 GB)
Africa	499 GB	7.34%	0% (0 B)	154 GB	30.93%	-44.89% (-126 GB)
Global statistics	6.64 TB		0% (0 B)	2.67 TB	40.22%	-1.45% (-40.3 GB)

Used space evolution by host category



Space allocated/used by partition

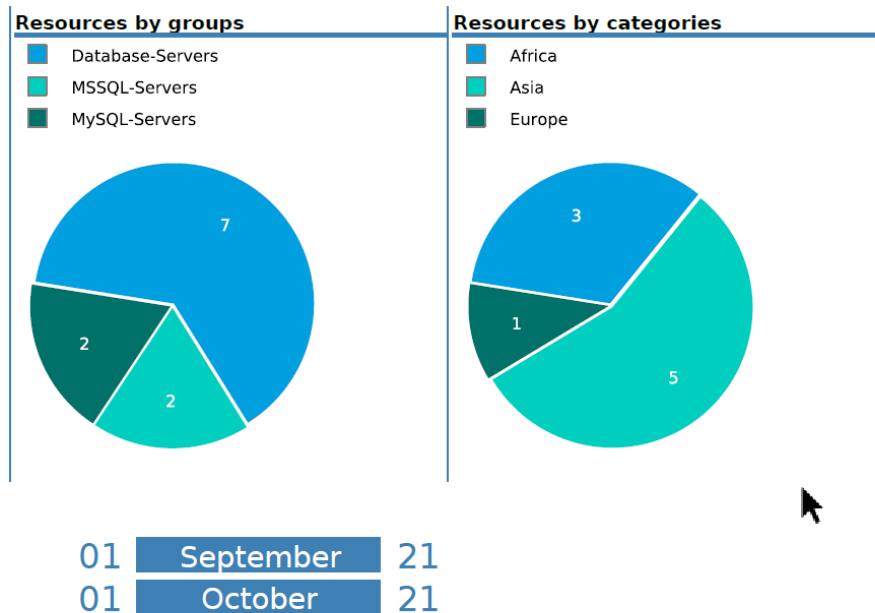
Resource	Partition	Allocation		Occupation			Time before saturation
		Allocated	Evolution	Used	% used	Evolution	
srv-oracle-users	disk-/	18 GB	0 %(0 B)	43.5 MB	0.24%	-93.65 % (-641 MB)	-
mail-callisto-backend	disk-/usr	185 GB	0 %(0 B)	51.6 GB	27.91%	-9.06 % (-5.14 GB)	-
mail-jupiter-frontend	disk-/usr	193 GB	0 %(0 B)	33.7 GB	17.47%	-17.4 % (-7.1 GB)	-
mail-mars-frontend	disk-/	165 GB	0 %(0 B)	127 GB	76.83%	-1.41 % (-1.81 GB)	-
srv-mysql-02	disk-/usr	46 GB	0 %(0 B)	6.15 GB	13.37%	-23.58 % (-1.9 GB)	-
mail-sun-master	disk-/home	194 GB	0 %(0 B)	52.1 GB	26.84%	-12.57 % (-7.49 GB)	-
mail-venus-frontend	disk-/home	122 GB	0 %(0 B)	3.32 GB	2.72%	-67.74 % (-6.98 GB)	-
mail-titan-gateway	disk-/	85 GB	0 %(0 B)	17 GB	19.99%	-26.08 % (-5.99 GB)	-
mail-callisto-backend	disk-/	115 GB	0 %(0 B)	40 GB	34.79%	-15.6 % (-7.39 GB)	-
mail-saturn-frontend	disk-/	123 GB	0 %(0 B)	43.1 GB	35.00%	-17.71 % (-9.26 GB)	-
srv-oracle-users	disk-/usr	141 GB	0 %(0 B)	633 MB	0.44%	-97.35 % (-22.8 GB)	-
mail-ganymede-backend	disk-/var/spool/cyrus	48 GB	0 %(0 B)	6.21 GB	12.93%	-53.32 % (-7.09 GB)	-
mail-titan-gateway	disk-/usr	123 GB	0 %(0 B)	20.1 GB	16.31%	-46.94 % (-17.7 GB)	-
srv-mysql-01	disk-/	142 GB	0 %(0 B)	44.8 GB	31.52%	-29.78 % (-19 GB)	-
srv-oracle-users	disk-/home	109 GB	0 %(0 B)	-665 MB	-0.60%	-102.8 % (-23.9 GB)	-
mail-mars-frontend	disk-/home	58 GB	0 %(0 B)	32.9 GB	56.80%	-15.32 % (-5.96 GB)	-
srv-mysql-02	disk-/home	159 GB	0 %(0 B)	76.2 GB	47.89%	-25.86 % (-26.6 GB)	-
srv-oracle-accounting	disk-/usr	170 GB	0 %(0 B)	51.7 GB	30.43%	-42.53 % (-38.3 GB)	-
mail-io-backend	disk-/home	29 GB	0 %(0 B)	29.1 MB	0.10%	-99.72 % (-10 GB)	-
mail-neptune-frontend	disk-/usr	20 GB	0 %(0 B)	7.66 GB	38.32%	-37.98 % (-4.69 GB)	-
mail-mercury-frontend	disk-/usr	170 GB	0 %(0 B)	26 GB	15.31%	-68.74 % (-57.2 GB)	-
srv-oracle-crm	disk-/home	115 GB	0 %(0 B)	53.5 GB	46.49%	-31.27 % (-24.3 GB)	-
mail-titan-gateway	disk-/home	8 GB	0 %(0 B)	1.97 GB	24.59%	-57 % (-2.61 GB)	-
mail-jupiter-frontend	disk-/home	149 GB	0 %(0 B)	39.4 GB	26.48%	-58.14 % (-54.8 GB)	-
mail-earth-frontend	disk-/usr	79 GB	0 %(0 B)	27.7 GB	35.12%	-49.15 % (-26.8 GB)	-
mail-sun-master	disk-/	134 GB	0 %(0 B)	18.6 GB	13.86%	-76.94 % (-62 GB)	-
mail-ganymede-backend	disk-/	45 GB	0 %(0 B)	12.1 GB	26.95%	-59.2 % (-17.6 GB)	-
mail-uranus-frontend	disk-/home	192 GB	0 %(0 B)	86.3 GB	44.96%	-39.84 % (-57.2 GB)	-
srv-oracle-crm	disk-/	75 GB	0 %(0 B)	4.15 GB	5.53%	-90.75 % (-40.7 GB)	-
srv-mysql-01	disk-/home	290 GB	0 %(0 B)	62.5 GB	21.54%	-68.56 % (-136 GB)	-
srv-oracle-accounting	disk-/	192 GB	0 %(0 B)	87.7 GB	45.67%	-42.66 % (-65.2 GB)	-
srv-oracle-crm	disk-/usr	6 GB	0 %(0 B)	503 MB	8.19%	-89.2 % (-4.06 GB)	-
mail-europa-backend	disk-/	132 GB	0 %(0 B)	92.2 GB	69.83%	524.24 % (77.4 GB)	15 day(s)
mail-saturn-frontend	disk-/usr	195 GB	0 %(0 B)	129 GB	66.41%	708.68 % (113 GB)	17 day(s)
mail-europa-backend	disk-/usr	191 GB	0 %(0 B)	148 GB	77.24%	97.74 % (72.9 GB)	17 day(s)
mail-mercury-frontend	disk-/home	187 GB	0 %(0 B)	147 GB	78.84%	56.26 % (53.1 GB)	21 day(s)
mail-neptune-frontend	disk-/home	134 GB	0 %(0 B)	97.4 GB	72.67%	92.95 % (46.9 GB)	22 day(s)
mail-earth-frontend	disk-/home	18 GB	0 %(0 B)	9.87 GB	54.85%	6570.29 % (9.72 GB)	24 day(s)

Host groups-Rationalization-Of-Resources-1

This report gives a global view of resource usage by host group and displays hosts and host groups that are overloaded or underused.

Resources rationalization

Time period : 24x7



Underused host (-)

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

Stable host <>

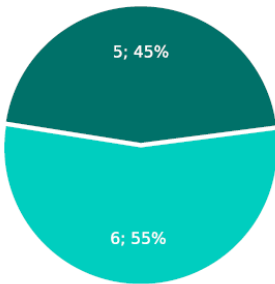
A host is considered as stable if the average value of the **-Memory-** indicator, for a time period is between the underuse and the overload thresholds

Overloaded host (+)

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

Global Distribution of hosts

■ (-) ■ <>



Trend

0.00%

of overloaded hosts compared to previous period.

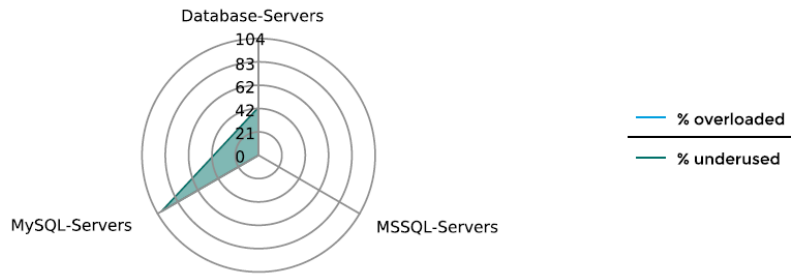
+ 66.67%

of underused hosts compared to previous period.

-

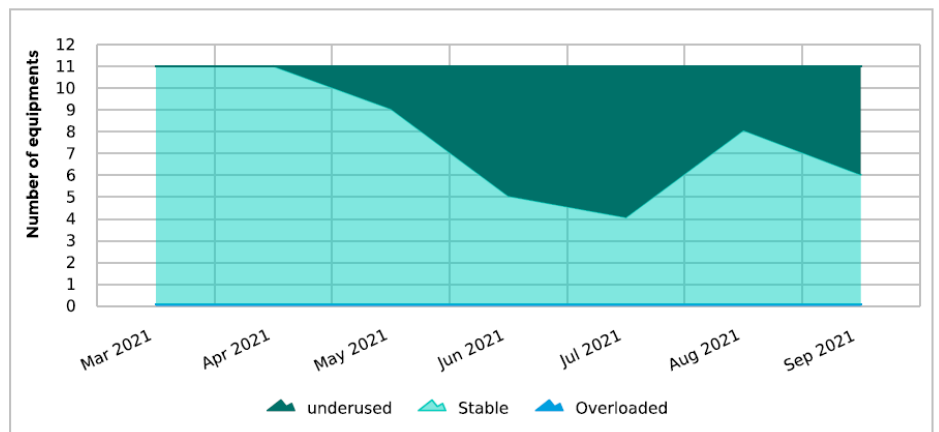
The number of hosts has not evolved compared to previous period.

Number of overloaded/underused/stable hosts by groups



Groups	Hosts			
	Total	underused	Overloaded	Stable
Database-Servers	7	42.86% (3)	0.00% (0)	57.14% (4)
MSSQL-Servers	2	0.00% (0)	0.00% (0)	100.00% (2)
MySQL-Servers	2	100.00% (2)	0.00% (0)	0.00% (0)
Global Statistics	11	45.45% (5)	0.00% (0)	54.55% (6)

Overloaded/underused/stable hosts evolution



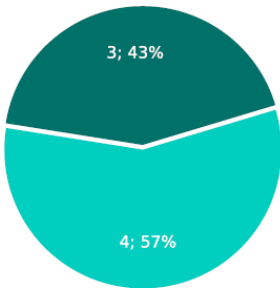
	2021			
	March	April	May	June
(-)	0.00%	0.00%	18.18% (2)	54.55% (6)
<>	100.00% (11)	100.00% (11)	81.82% (9)	45.45% (5)

	2021		
	July	August	September
(-)	63.64% (7)	27.27% (3)	45.45% (5)
<>	36.36% (4)	72.73% (8)	54.55% (6)

Database-Servers

Host distribution

■ (-) ■ (<>)



Overloaded hosts

Overloaded hosts of this group represent

0.00%

of all host groups

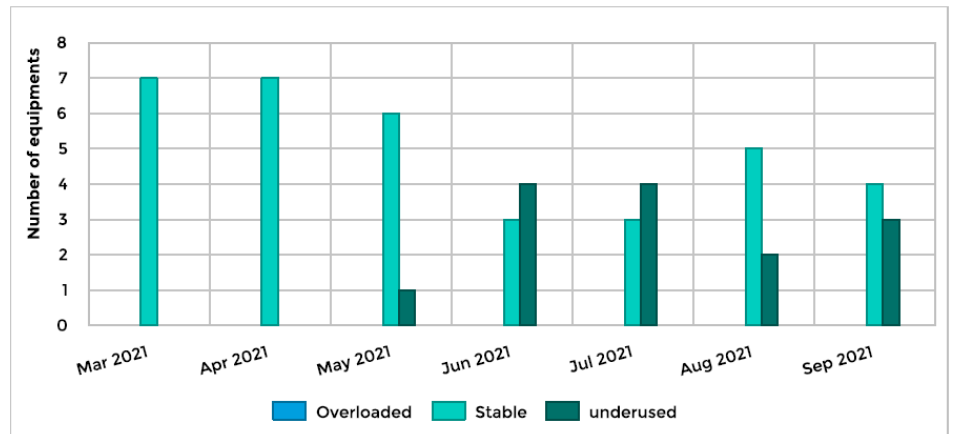
Underused hosts

Underused hosts of this group represent

60.00%

of all host groups

Overloaded/underused/stable hosts evolution



The most overloaded hosts

Hosts	Average	Deviation
srv-mysql-02	37.94	9.04
srv-mysql-01	38.95	7.90
srv-oracle-crm	39.24	5.32

The most underused hosts

Hosts	Average	Deviation
srv-mysql-02	37.94	9.04
srv-mysql-01	38.95	7.90
srv-oracle-crm	39.24	5.32

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

Host group-Service-Metric-Performance-List

This report displays a list of average performance data for a list of services. It also gives the minimum and the maximum value reached for the period, as well as warning and critical thresholds.

Host group Firewall

Performance data by metric

Host cat.	Hosts	Service cat.	Service	Metric	Average	Value			Threshold	
						Min value	Max reached	Max reachable	Warning	Critical
Asia	fw-hongkong	Traffic	traffic-external	traffic_in	3.40	0.00	14.85	100000000		
Asia	fw-hongkong	Traffic	traffic-external	traffic_out	3.38	0.00	14.32	100000000		
Asia	fw-hongkong	Traffic	traffic-internal	traffic_in	0.36	0.00	1.56	100000000		
Asia	fw-hongkong	Traffic	traffic-internal	traffic_out	0.37	0.00	1.52	100000000		
Asia	fw-tokyo	Traffic	traffic-external	traffic_in	3.40	0.00	14.81	100000000		
Asia	fw-tokyo	Traffic	traffic-external	traffic_out	3.24	0.00	14.26	100000000		
Asia	fw-tokyo	Traffic	traffic-internal	traffic_in	0.36	0.00	1.53	100000000		
Asia	fw-tokyo	Traffic	traffic-internal	traffic_out	0.38	0.00	1.52	100000000		
Asia	fw-beijing	Traffic	traffic-external	traffic_in	3.56	0.01	15.41	100000000		
Asia	fw-beijing	Traffic	traffic-external	traffic_out	3.19	0.00	14.22	100000000		
Asia	fw-beijing	Traffic	traffic-internal	traffic_in	0.34	0.00	1.43	100000000		
Asia	fw-beijing	Traffic	traffic-internal	traffic_out	0.34	0.00	1.45	100000000		
Europe	fw-berlin	Traffic	traffic-external	traffic_in	3.36	0.01	14.55	100000000		
Europe	fw-berlin	Traffic	traffic-external	traffic_out	3.36	0.00	14.79	100000000		
Europe	fw-berlin	Traffic	traffic-internal	traffic_in	0.34	0.00	1.47	100000000		
Europe	fw-berlin	Traffic	traffic-internal	traffic_out	0.36	0.00	1.50	100000000		
Europe	fw-paris	Traffic	traffic-external	traffic_in	6.91	0.01	29.34	100000000		
Europe	fw-paris	Traffic	traffic-external	traffic_out	7.17	0.01	31.60	100000000		
Europe	fw-paris	Traffic	traffic-internal	traffic_in	0.33	0.00	1.44	100000000		
Europe	fw-paris	Traffic	traffic-internal	traffic_out	0.35	0.00	1.53	100000000		
Europe	fw-moscou	Traffic	traffic-external	traffic_in	7.01	0.01	30.28	100000000		
Europe	fw-moscou	Traffic	traffic-external	traffic_out	6.62	0.01	28.81	100000000		
Europe	fw-moscou	Traffic	traffic-internal	traffic_in	0.35	0.00	1.54	100000000		
Europe	fw-moscou	Traffic	traffic-internal	traffic_out	0.34	0.00	1.51	100000000		
Europe	fw-bruxelles	Traffic	traffic-external	traffic_in	3.55	0.00	14.72	100000000		
Europe	fw-bruxelles	Traffic	traffic-external	traffic_out	3.60	0.01	15.58	100000000		
Europe	fw-bruxelles	Traffic	traffic-internal	traffic_in	0.35	0.00	1.46	100000000		
Europe	fw-bruxelles	Traffic	traffic-internal	traffic_out	0.35	0.00	1.50	100000000		

Host groups-Categories-Performance-List

This report displays a list of average performance data for a list of host groups, host categories and service categories. It also gives the minimum and maximum value reached on the period.

Global performance analysis by category

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

Groups	Host categories	Service categories	Average	Max reached	Min value
Linux-Servers	Asia	OS-storage	51304986329.29	187928000000	-445394000
Linux-Servers	Asia	CPU	42.06	91.97	0.25
Linux-Servers	Asia	Load	0.96	4.27	0
Linux-Servers	Asia	Users-storage	32302715680.47	191118000000	-108496000
Linux-Servers	Europe	OS-storage	37639446429.68	196988000000	79716600
Linux-Servers	Europe	CPU	42.93	95.88	0.43
Linux-Servers	Europe	Load	0.93	4.45	0
Linux-Servers	Europe	Users-storage	50129596638.71	204716000000	-802924000
Linux-Servers	Europe	Applications-storage	39222884110.12	152835000000	-50038600
Linux-Servers	Africa	OS-storage	46882194627.76	166231000000	-445394000
Linux-Servers	Africa	CPU	39.80	91.29	0.25
Linux-Servers	Africa	Load	0.99	4.27	0
Linux-Servers	Africa	Users-storage	43443679862.59	191118000000	29685600
Database-Servers	Asia	OS-storage	46476315604.99	187928000000	-445394000
Database-Servers	Asia	CPU	49.74	91.97	0.25
Database-Servers	Asia	Load	0.96	4.27	0
Database-Servers	Asia	Users-storage	32302715680.47	191118000000	-108496000
Database-Servers	Europe	OS-storage	45241352493.18	123730000000	6762250000
Database-Servers	Europe	CPU	43.76	91.27	0.57
Database-Servers	Europe	Load	0.94	4.33	0

Network

Host group-Traffic-average-By-Interface

This report displays the average usage of network interface bandwidth for a host group.

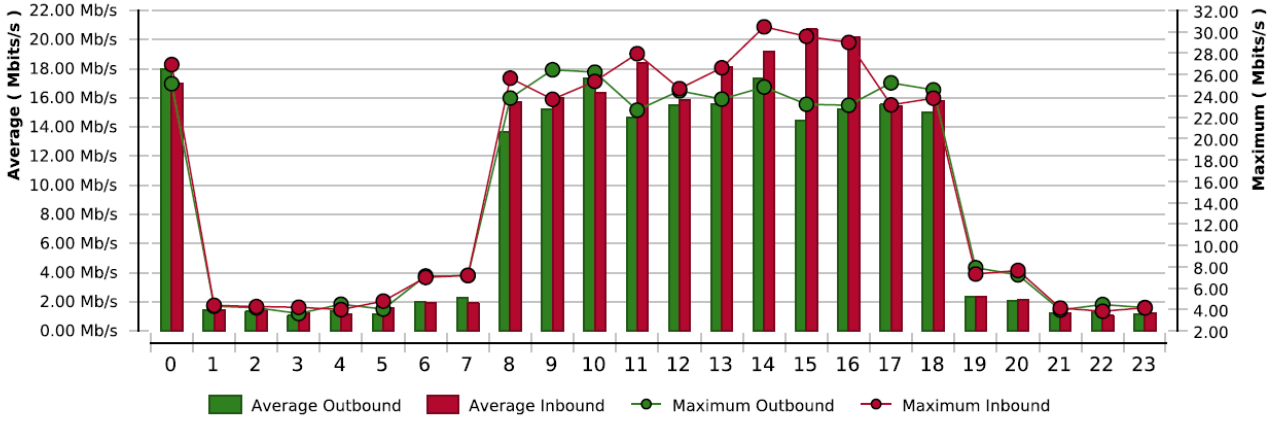
Host group Routers

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

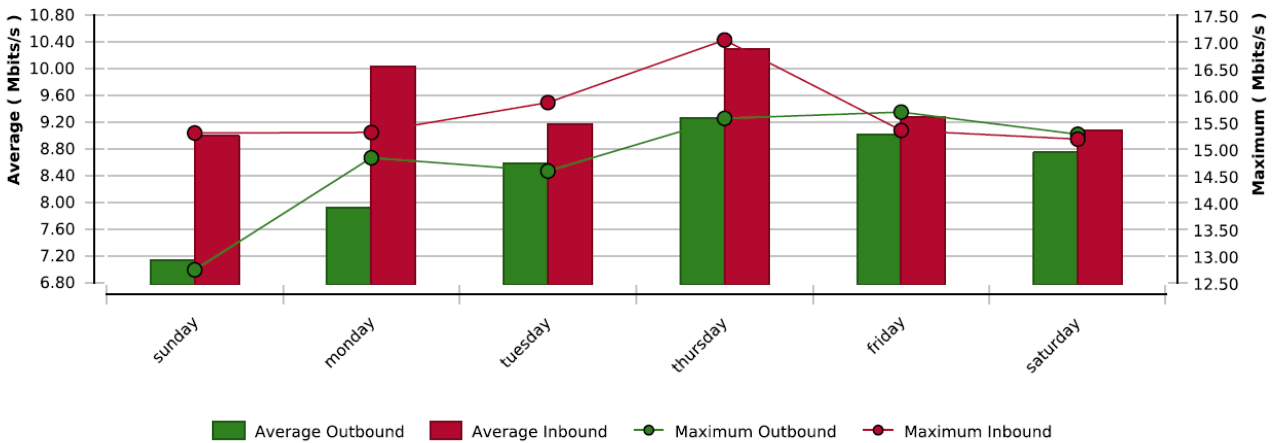


traffic-primary of rt-alger

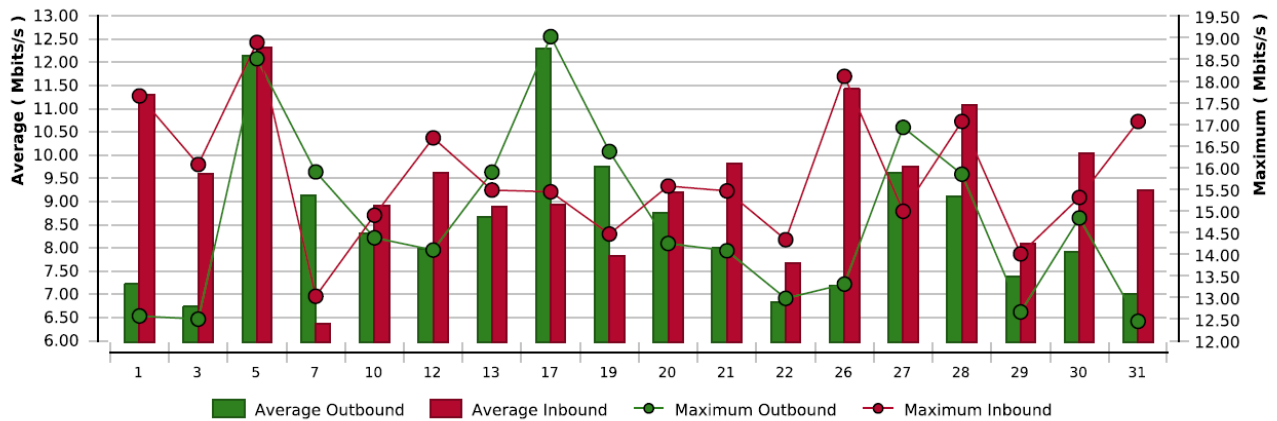
Distribution per hours on the interface



Distribution per days of week on the interface



Distribution per days of month on the interface

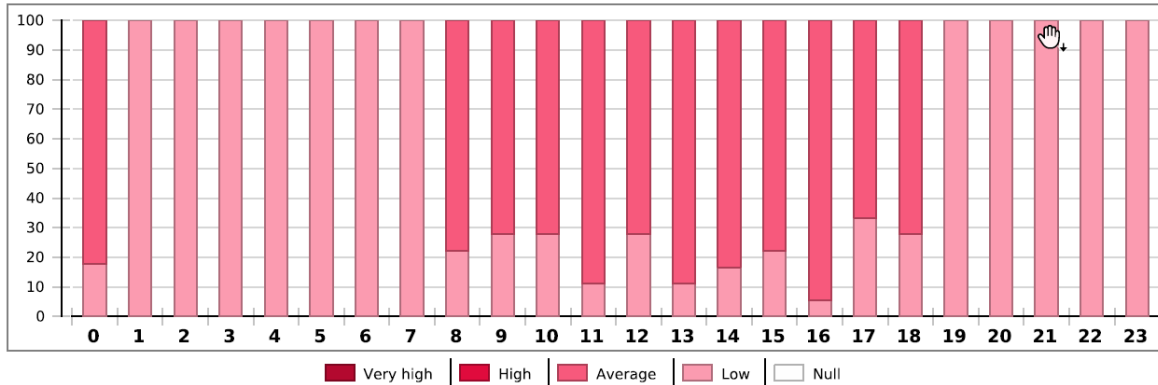
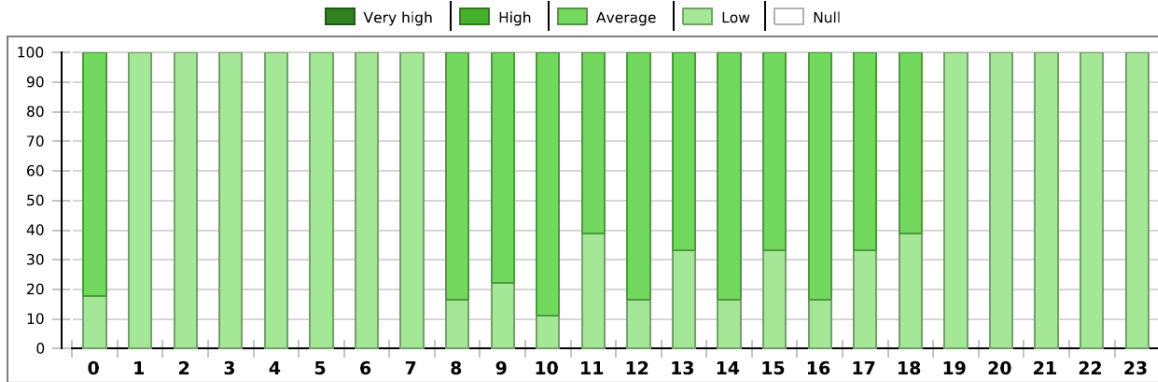


Host group-Traffic-By-Interface-And-Bandwidth-Ranges

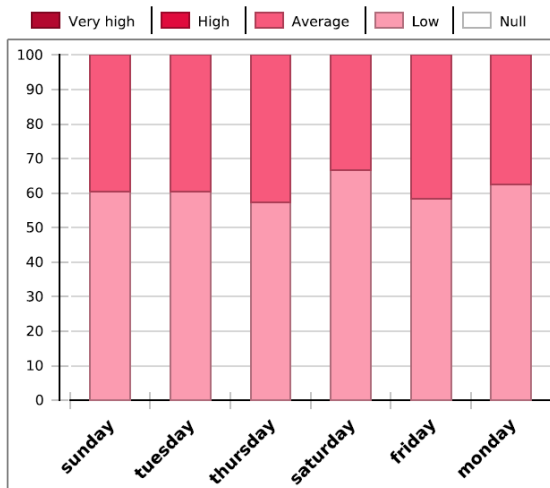
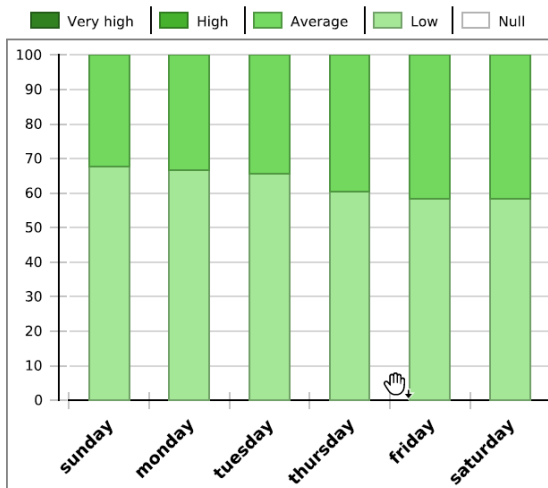
This report shows the average bandwidth.

Host group Routers

Distribution per hours on the interface traffic-primary of rt-alger



Distribution per days of week on the interface traffic-primary of rt-alger



Host group-Monthly-Network-Centile

This report displays statistics about the centile and the average usage of the inbound and outbound bandwidth by interface.

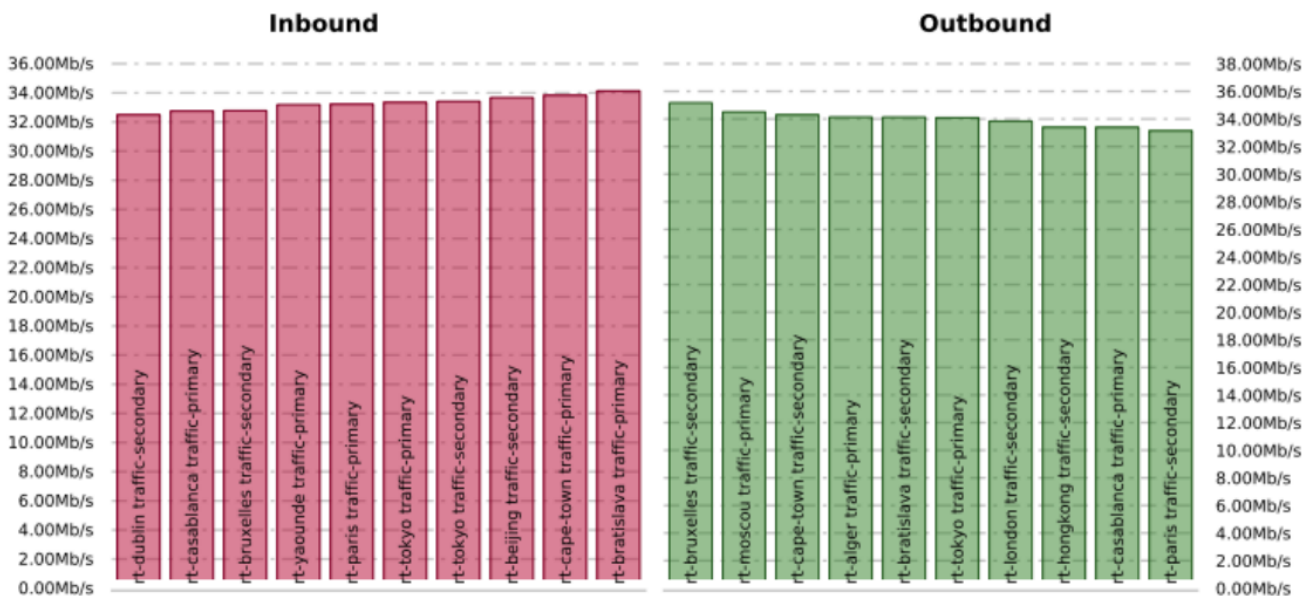
TRAFFIC REPORT
AVERAGE AND CENTILE
February 2019

@
%

NETWORKS

All the centile values are calculated for the following combination: 95.0000 (24x7)

TOP 10 CENTILE BY INTERFACE



TOP 10 OF THE MOST USED INTERFACES - INBOUND

Interface	Avg.%	Avg.	Centile	Max.reached	Max.
fw-paris traffic-external	3.59%	3.59 Mb/s	25.5 Mb/s	45.1 Mb/s	100 Mb/s
fw-lisbon traffic-external	3.41%	3.41 Mb/s	23.5 Mb/s	41.6 Mb/s	100 Mb/s
fw-london traffic-external	3.39%	3.39 Mb/s	23.8 Mb/s	36.7 Mb/s	100 Mb/s
fw-moscou traffic-external	3.38%	3.38 Mb/s	24.3 Mb/s	39.6 Mb/s	100 Mb/s
fw-cape-town traffic-external	2.88%	2.88 Mb/s	21 Mb/s	35.4 Mb/s	100 Mb/s
fw-casablanca traffic-external	1.79%	1.79 Mb/s	12.7 Mb/s	24.2 Mb/s	100 Mb/s
fw-dublin traffic-external	1.79%	1.79 Mb/s	12.4 Mb/s	21.1 Mb/s	100 Mb/s
fw-yaounde traffic-external	1.79%	1.79 Mb/s	12.8 Mb/s	20.9 Mb/s	100 Mb/s
fw-berlin traffic-external	1.77%	1.77 Mb/s	12.2 Mb/s	22.2 Mb/s	100 Mb/s
fw-alger traffic-external	1.77%	1.77 Mb/s	12.6 Mb/s	22.1 Mb/s	100 Mb/s

TOP 10 OF THE MOST USED INTERFACES - OUTBOUND

Interface	Avg.%	Avg.	Centile	Max.reached	Max.
fw-lisbon traffic-external	3.67%	3.67 Mb/s	25.3 Mb/s	52.6 Mb/s	100 Mb/s
fw-moscou traffic-external	3.57%	3.57 Mb/s	24.9 Mb/s	46.4 Mb/s	100 Mb/s
fw-paris traffic-external	3.47%	3.47 Mb/s	23.9 Mb/s	48 Mb/s	100 Mb/s
fw-london traffic-external	3.43%	3.43 Mb/s	24.6 Mb/s	51.6 Mb/s	100 Mb/s
fw-cape-town traffic-external	2.90%	2.9 Mb/s	19.6 Mb/s	31.8 Mb/s	100 Mb/s
fw-tokyo traffic-external	1.73%	1.73 Mb/s	11.9 Mb/s	18.3 Mb/s	100 Mb/s
fw-bratislava traffic-external	1.72%	1.72 Mb/s	11.7 Mb/s	25.4 Mb/s	100 Mb/s
fw-alger traffic-external	1.72%	1.72 Mb/s	11.8 Mb/s	22.7 Mb/s	100 Mb/s
fw-casablanca traffic-external	1.71%	1.71 Mb/s	11.6 Mb/s	23 Mb/s	100 Mb/s
fw-berlin traffic-external	1.71%	1.71 Mb/s	12.1 Mb/s	20.6 Mb/s	100 Mb/s

Inbound and outbound statistics for all interfaces

Interfaces	Inbound					Outbound				
	Max.	Avg. %	Avg.	Centile	Max.reached	Avg. %	Avg.	Centile	Max.reached	
fw-alger traffic-external	100 Mb/s	1.77%	1.77 Mb/s	12.6 Mb/s	22.1 Mb/s	1.72%	1.72 Mb/s	11.8 Mb/s	22.7 Mb/s	
fw-alger traffic-internal	1 Gb/s	0.19%	1.87 Mb/s	12.8 Mb/s	22.2 Mb/s	0.18%	1.79 Mb/s	12.4 Mb/s	26.1 Mb/s	
fw-beijing traffic-external	100 Mb/s	1.73%	1.73 Mb/s	12.2 Mb/s	25.3 Mb/s	1.68%	1.68 Mb/s	11.6 Mb/s	24.9 Mb/s	
fw-beijing traffic-internal	1 Gb/s	0.18%	1.79 Mb/s	12.4 Mb/s	23.1 Mb/s	0.18%	1.78 Mb/s	12.3 Mb/s	27.1 Mb/s	
fw-berlin traffic-external	100 Mb/s	1.77%	1.77 Mb/s	12.2 Mb/s	22.2 Mb/s	1.71%	1.71 Mb/s	12.1 Mb/s	20.6 Mb/s	
fw-berlin traffic-internal	1 Gb/s	0.17%	1.67 Mb/s	11.9 Mb/s	22.8 Mb/s	0.17%	1.73 Mb/s	12.5 Mb/s	20.1 Mb/s	
fw-bratislava traffic-external	100 Mb/s	1.68%	1.68 Mb/s	11.6 Mb/s	22.4 Mb/s	1.72%	1.72 Mb/s	11.7 Mb/s	25.4 Mb/s	
fw-bratislava traffic-internal	1 Gb/s	0.17%	1.72 Mb/s	11.7 Mb/s	20.4 Mb/s	0.17%	1.7 Mb/s	12.1 Mb/s	21.5 Mb/s	
fw-bruxelles traffic-external	100 Mb/s	1.64%	1.64 Mb/s	11.7 Mb/s	19.5 Mb/s	1.68%	1.68 Mb/s	11.5 Mb/s	21 Mb/s	
fw-bruxelles traffic-internal	1 Gb/s	0.17%	1.74 Mb/s	11.8 Mb/s	18.7 Mb/s	0.18%	1.77 Mb/s	12.2 Mb/s	22.4 Mb/s	
fw-cape-town traffic-external	100 Mb/s	2.88%	2.88 Mb/s	21 Mb/s	35.4 Mb/s	2.90%	2.9 Mb/s	19.6 Mb/s	31.8 Mb/s	
fw-cape-town traffic-internal	1 Gb/s	0.18%	1.76 Mb/s	12.6 Mb/s	21.3 Mb/s	0.17%	1.68 Mb/s	11.6 Mb/s	18 Mb/s	
fw-casablanca traffic-external	100 Mb/s	1.79%	1.79 Mb/s	12.7 Mb/s	24.2 Mb/s	1.71%	1.71 Mb/s	11.6 Mb/s	23 Mb/s	
fw-casablanca traffic-internal	1 Gb/s	0.18%	1.81 Mb/s	12.6 Mb/s	29 Mb/s	0.17%	1.71 Mb/s	11.9 Mb/s	18.6 Mb/s	
fw-dublin traffic-external	100 Mb/s	1.79%	1.79 Mb/s	12.4 Mb/s	21.1 Mb/s	1.69%	1.69 Mb/s	11.9 Mb/s	18 Mb/s	
fw-dublin traffic-internal	1 Gb/s	0.19%	1.9 Mb/s	13 Mb/s	21.5 Mb/s	0.17%	1.74 Mb/s	12.2 Mb/s	18.5 Mb/s	
fw-hongkong traffic-external	100 Mb/s	1.74%	1.74 Mb/s	12.3 Mb/s	21.7 Mb/s	1.70%	1.7 Mb/s	11.5 Mb/s	19.3 Mb/s	
fw-hongkong traffic-internal	1 Gb/s	0.17%	1.68 Mb/s	11.7 Mb/s	20.3 Mb/s	0.17%	1.67 Mb/s	12 Mb/s	19.8 Mb/s	
fw-lisbon traffic-external	100 Mb/s	3.41%	3.41 Mb/s	23.5 Mb/s	41.6 Mb/s	3.67%	3.67 Mb/s	25.3 Mb/s	52.6 Mb/s	
fw-lisbon traffic-internal	1 Gb/s	0.17%	1.71 Mb/s	11.9 Mb/s	20.2 Mb/s	0.18%	1.76 Mb/s	12 Mb/s	21.2 Mb/s	
fw-london traffic-external	100 Mb/s	3.39%	3.39 Mb/s	23.8 Mb/s	36.7 Mb/s	3.43%	3.43 Mb/s	24.6 Mb/s	51.6 Mb/s	
fw-london traffic-internal	1 Gb/s	0.17%	1.71 Mb/s	11.5 Mb/s	19.5 Mb/s	0.18%	1.81 Mb/s	12.5 Mb/s	20.5 Mb/s	
fw-moscou traffic-external	100 Mb/s	3.38%	3.38 Mb/s	24.3 Mb/s	39.6 Mb/s	3.57%	3.57 Mb/s	24.9 Mb/s	46.4 Mb/s	
fw-moscou traffic-internal	1 Gb/s	0.17%	1.75 Mb/s	12.7 Mb/s	23.6 Mb/s	0.17%	1.68 Mb/s	11.8 Mb/s	19.5 Mb/s	
fw-paris traffic-external	100 Mb/s	3.59%	3.59 Mb/s	25.5 Mb/s	45.1 Mb/s	3.47%	3.47 Mb/s	23.9 Mb/s	48 Mb/s	
fw-paris traffic-internal	1 Gb/s	0.18%	1.79 Mb/s	12.4 Mb/s	20.9 Mb/s	0.17%	1.73 Mb/s	12.2 Mb/s	22.1 Mb/s	
fw-tokyo traffic-external	100 Mb/s	1.76%	1.76 Mb/s	12.4 Mb/s	21.8 Mb/s	1.73%	1.73 Mb/s	11.9 Mb/s	18.3 Mb/s	
fw-tokyo traffic-internal	1 Gb/s	0.17%	1.73 Mb/s	12.5 Mb/s	20.6 Mb/s	0.18%	1.75 Mb/s	12.3 Mb/s	23.6 Mb/s	
fw-yaounde traffic-external	100 Mb/s	1.79%	1.79 Mb/s	12.8 Mb/s	20.9 Mb/s	1.67%	1.67 Mb/s	12 Mb/s	21 Mb/s	
fw-yaounde traffic-internal	1 Gb/s	0.18%	1.75 Mb/s	12.4 Mb/s	22.7 Mb/s	0.16%	1.64 Mb/s	11.5 Mb/s	22.2 Mb/s	

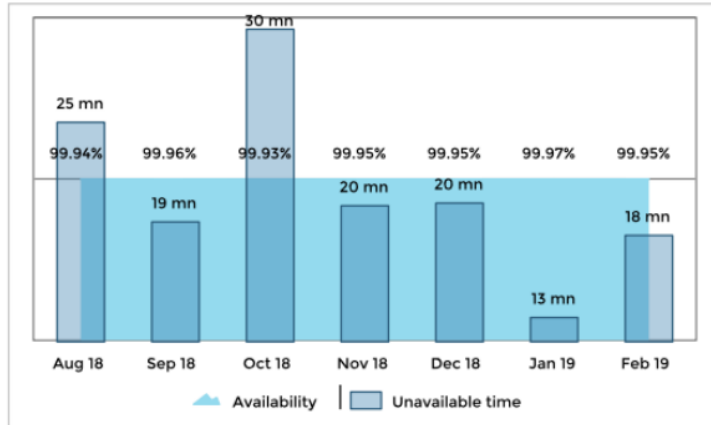
Profiling

Host-Detail-3

This report gives detailed statistics on availability, events, storage usage, memory, CPU and traffic for a given host.

Host **srv-mssql-01**

Host availability evolution



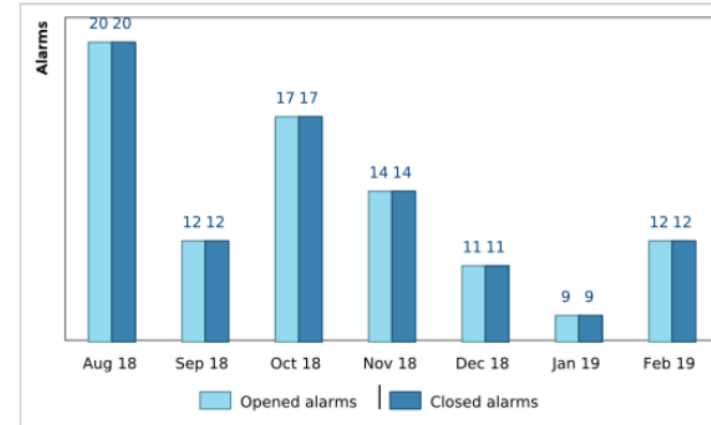
Current month

% of availability
99.95%

Unavailable time
18 mn

Unknown time
-

Host exception events evolution



55 h 58 mn is the average time between two events

1 mn is the average events resolution time

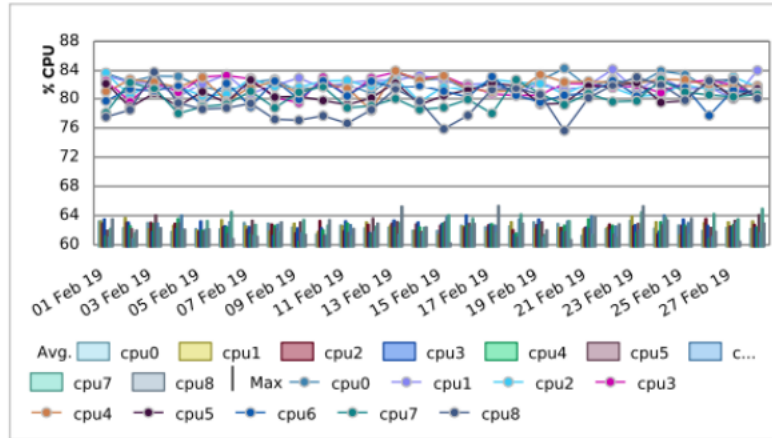
12 events have been opened

12 events have been closed

Host availability evolution detailed

	Aug 18		Sep 18		Oct 18		Nov 18		Dec 18		Jan 19		Feb 19	
	Value	Trend	Value	Trend	Value	Trend	Value	Trend	Value	Trend	Value	Trend	Value	Trend
% of availability	99.94%	0.00%	99.96%	0.01%	99.93%	-0.03%	99.95%	0.02%	99.95%	0.00%	99.97%	0.02%	99.95%	-0.02%
Unavailable time	25 mn	4.86%	19 mn	-24.50%	30 mn	62.81%	20 mn	-35.34%	20 mn	0.83%	13 mn	-35.12%	18 mn	38.85%
Unknown time	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MTRS	1 mn	-21.35%	1 mn	25.83%	1 mn	14.92%	1 mn	-21.49%	1 mn	28.33%	1 mn	-20.71%	1 mn	4.14%
MTBF	37 h 10 mn	-25.00%	59 h 58 mn	61.31%	43 h 44 mn	-27.08%	51 h 24 mn	17.54%	67 h 36 mn	31.52%	82 h 38 mn	22.24%	55 h 58 mn	-32.27%
Opened alarms	20	5	12	-8	17	5	14	-3	11	-3	9	-2	12	3
Closed alarms	20	5	12	-8	17	5	14	-3	11	-3	9	-2	12	3

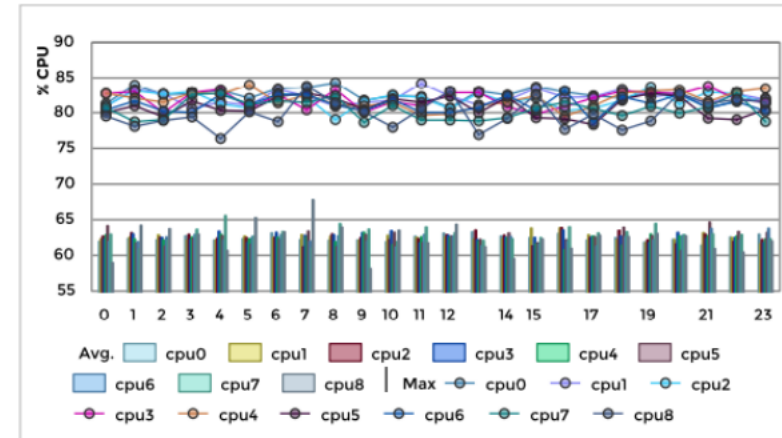
CPU evolution within the reporting period



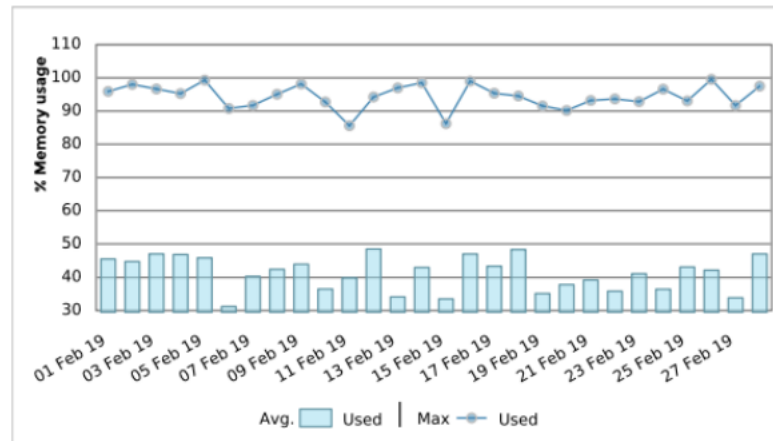
Current Month

Average CPU usage
62.54%
 Value of deviation :
0.819
 Max value reached by the CPU :
84.31%

CPU evolution by hour of the day



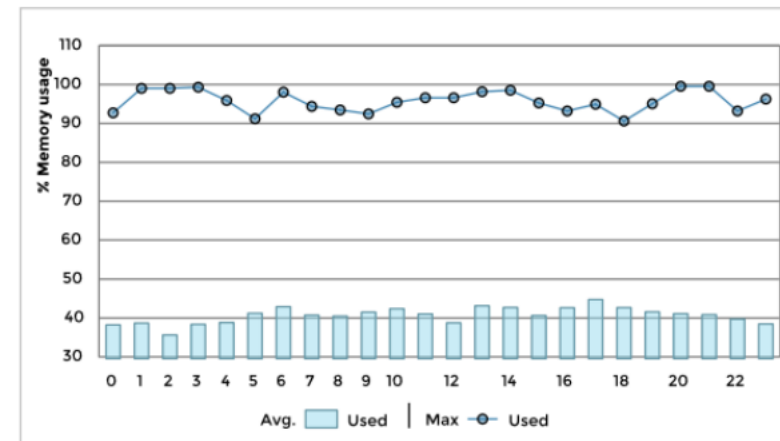
Memory evolution within the reporting period



Current Month

Average memory usage
41.22%
 Value of deviation :
5.03
 Max value reached by the memory :
99.55%

Memory evolution by hour of the day



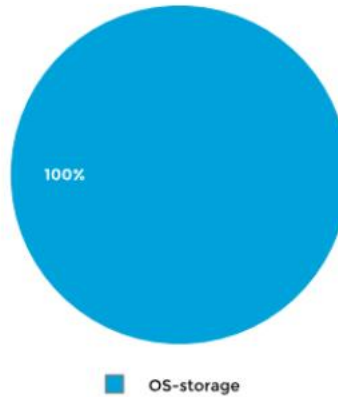
Global information



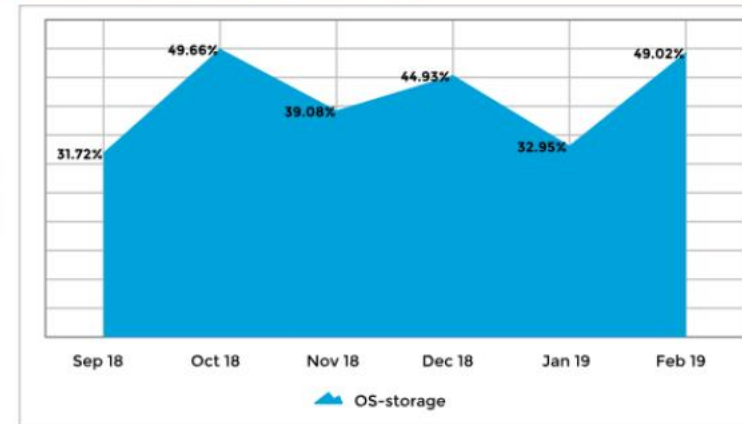
9 GB
of allocated space

4.73 GB
of used space

Allocated space/service cat.



Used space evolution by service category

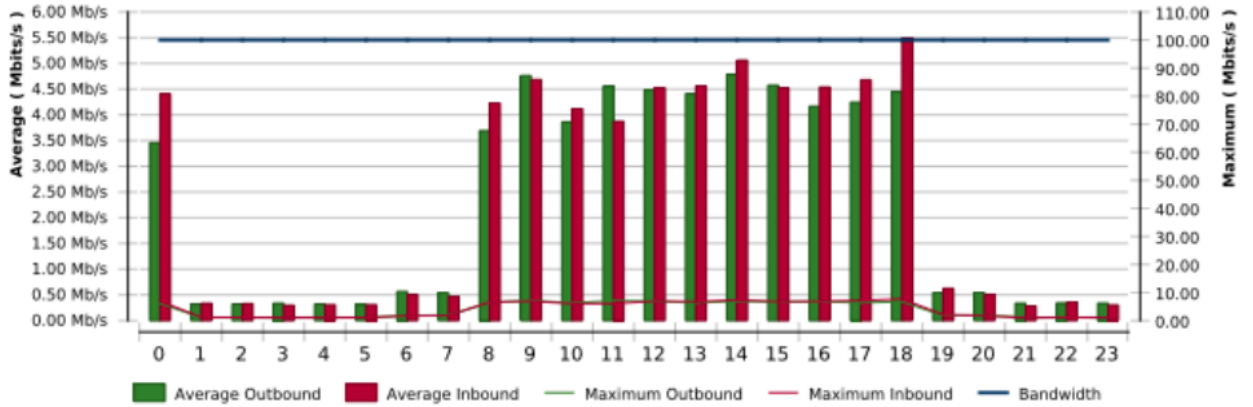


Storage capacity detailed

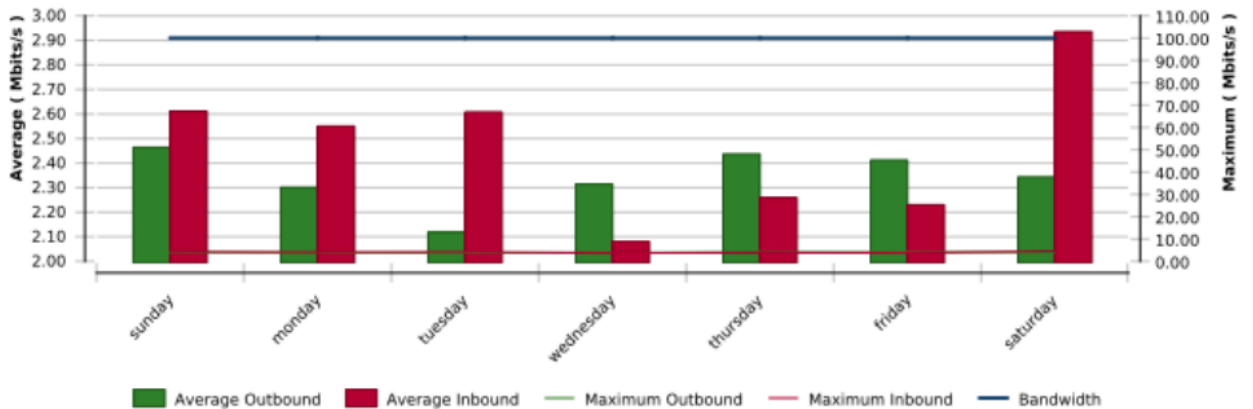
Storage space	Allocated		Used			
	Allocated	Evolution	Used	% used	Evolution	Time before saturation
disk-C	9 GB	0.00%	4.73 GB	52.58%	1.31%(2.69 GB)	44 days

traffic-card0 of srv-mssql-01

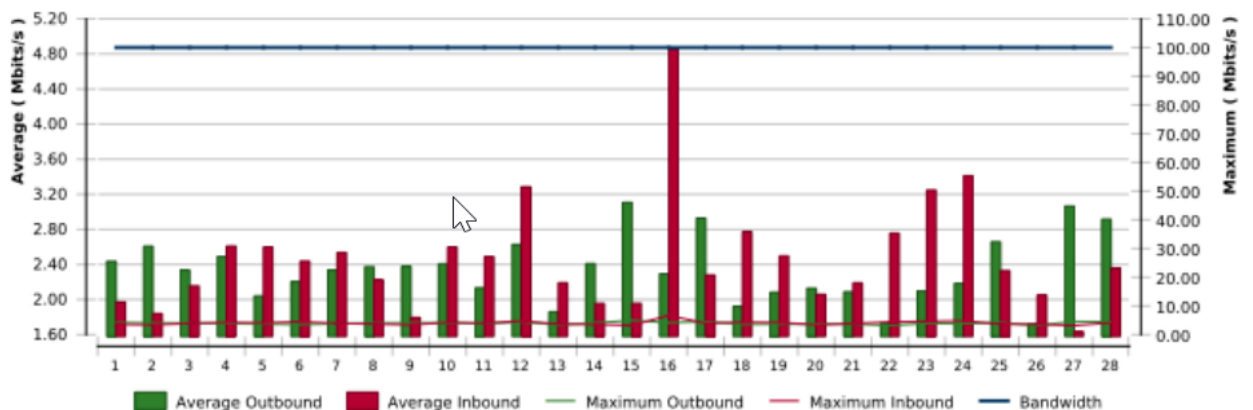
Distribution per hours on the interface



Distribution per days of week on the interface



Distribution per days of month on the interface



Host events

Date		Delay	
Start	End	Acknowledgement	Resolution
Down			Down
Feb 22, 2019, 8:56 AM	Feb 22, 2019, 8:57 AM	-	-
Feb 21, 2019, 6:18 PM	Feb 21, 2019, 6:21 PM	-	2 mn
Feb 20, 2019, 3:18 AM	Feb 20, 2019, 3:20 AM	-	2 mn
Feb 18, 2019, 4:50 AM	Feb 18, 2019, 4:50 AM	-	-
Feb 17, 2019, 2:34 AM	Feb 17, 2019, 2:35 AM	-	-
Feb 9, 2019, 11:25 PM	Feb 9, 2019, 11:26 PM	-	1 mn
Feb 8, 2019, 11:25 AM	Feb 8, 2019, 11:28 AM	-	3 mn
Feb 5, 2019, 12:41 PM	Feb 5, 2019, 12:44 PM	-	3 mn
Feb 3, 2019, 5:20 AM	Feb 3, 2019, 5:21 AM	-	-
Feb 1, 2019, 4:28 PM	Feb 1, 2019, 4:30 PM	-	1 mn
Feb 1, 2019, 2:38 PM	Feb 1, 2019, 2:39 PM	-	-
Feb 1, 2019, 11:01 AM	Feb 1, 2019, 11:02 AM	-	-

Events on services

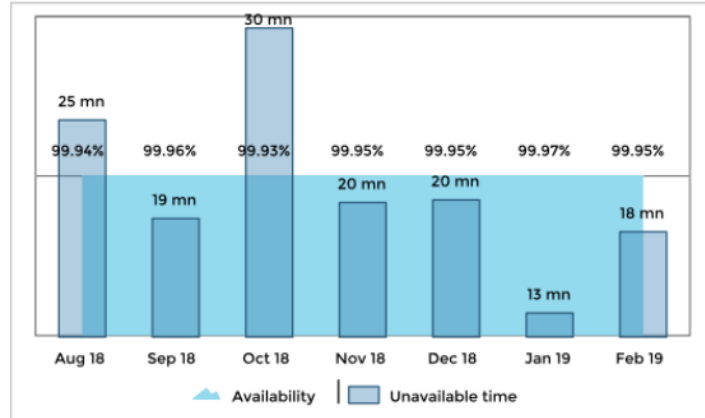
Priority 3				
Services	Date		Delay	
	Start	End	Acknowledgement	Effective MTRS
Warning				Warning
memory	Feb 18, 2019, 12:42 PM	Feb 18, 2019, 1:22 PM	-	40 mn
memory	Feb 1, 2019, 3:40 PM	Feb 1, 2019, 4:15 PM	-	35 mn
memory	Feb 1, 2019, 6:09 PM	Feb 1, 2019, 6:44 PM	-	35 mn
memory	Feb 3, 2019, 10:05 PM	Feb 3, 2019, 10:40 PM	-	35 mn
memory	Feb 9, 2019, 7:12 AM	Feb 9, 2019, 7:47 AM	-	35 mn
memory	Feb 10, 2019, 4:57 PM	Feb 10, 2019, 5:32 PM	-	35 mn
memory	Feb 10, 2019, 9:06 PM	Feb 10, 2019, 9:41 PM	-	35 mn
memory	Feb 24, 2019, 7:10 AM	Feb 24, 2019, 7:45 AM	-	35 mn
memory	Feb 1, 2019, 4:22 PM	Feb 1, 2019, 4:52 PM	-	30 mn
memory	Feb 4, 2019, 8:27 PM	Feb 4, 2019, 8:57 PM	-	30 mn
memory	Feb 5, 2019, 12:25 PM	Feb 5, 2019, 12:55 PM	-	30 mn
memory	Feb 6, 2019, 6:08 AM	Feb 6, 2019, 6:38 AM	-	30 mn
memory	Feb 7, 2019, 9:17 PM	Feb 7, 2019, 9:47 PM	-	30 mn
memory	Feb 12, 2019, 6:58 AM	Feb 12, 2019, 7:28 AM	-	30 mn
memory	Feb 16, 2019, 9:34 AM	Feb 16, 2019, 10:04 AM	-	30 mn

Host groups-Host-Details-1

The report gives detailed statistics on availability, events, storage usage, memory, CPU for all hosts in a given host group.

Host **srv-mssql-01**

Host availability evolution



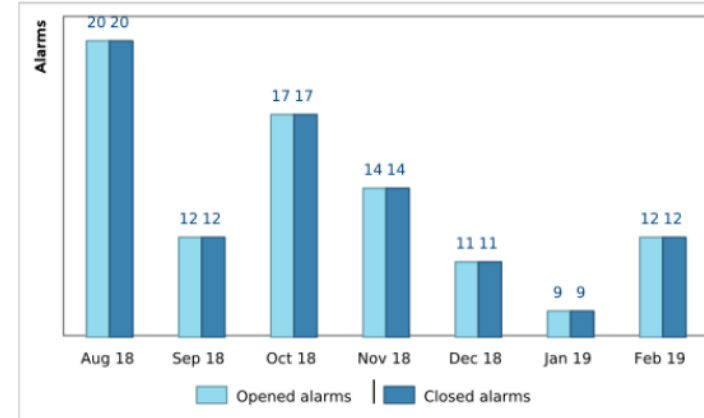
Current month

% of availability
99.95%

Unavailable time
18 mn

Unknown time
-

Host exception events evolution



55 h 58 mn is the average time between two events

1 mn is the average events resolution time

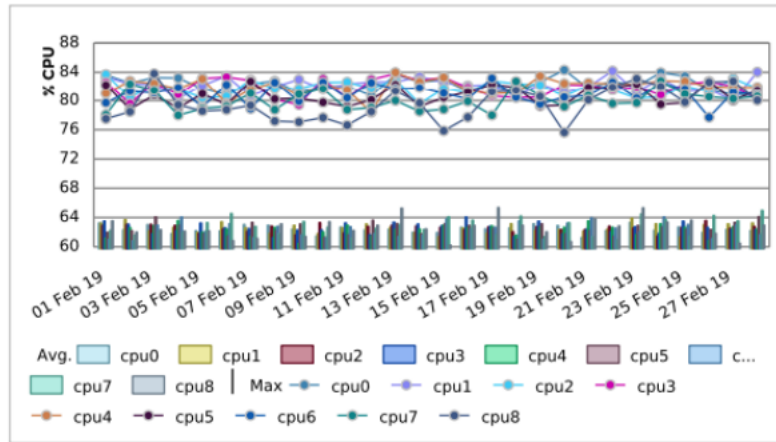
12 events have been opened

12 events have been closed

Host availability evolution detailed

	Aug 18		Sep 18		Oct 18		Nov 18		Dec 18		Jan 19		Feb 19	
	Value	Trend	Value	Trend	Value	Trend	Value	Trend	Value	Trend	Value	Trend	Value	Trend
% of availability	99.94%	0.00%	99.96%	0.01%	99.93%	-0.03%	99.95%	0.02%	99.95%	0.00%	99.97%	0.02%	99.95%	-0.02%
Unavailable time	25 mn	4.86%	19 mn	-24.50%	30 mn	62.81%	20 mn	-35.34%	20 mn	0.83%	13 mn	-35.12%	18 mn	38.85%
Unknown time	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MTRS	1 mn	-21.35%	1 mn	25.83%	1 mn	14.92%	1 mn	-21.49%	1 mn	28.33%	1 mn	-20.71%	1 mn	4.14%
MTBF	37 h 10 mn	-25.00%	59 h 58 mn	61.31%	43 h 44 mn	-27.08%	51 h 24 mn	17.54%	67 h 36 mn	31.52%	82 h 38 mn	22.24%	55 h 58 mn	-32.27%
Opened alarms	20	5	12	-8	17	5	14	-3	11	-3	9	-2	12	3
Closed alarms	20	5	12	-8	17	5	14	-3	11	-3	9	-2	12	3

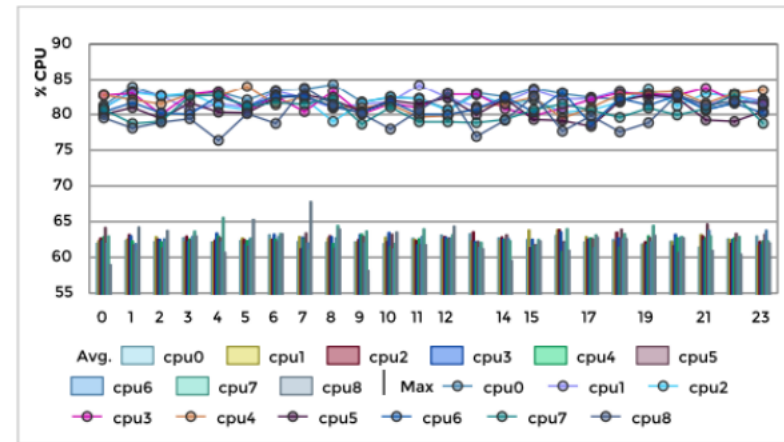
CPU evolution within the reporting period



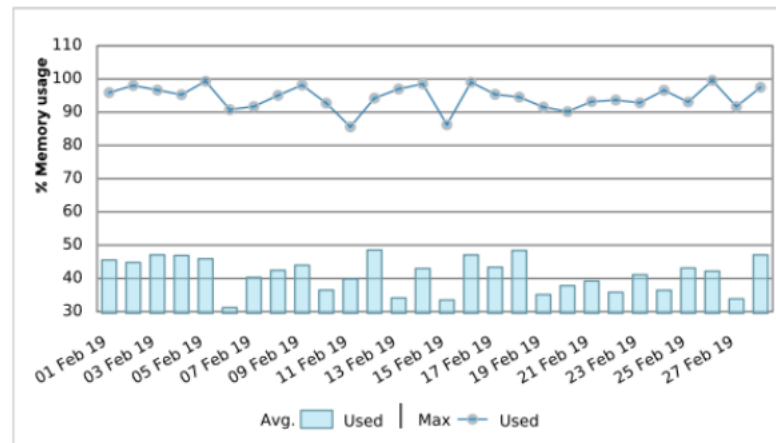
Current Month

Average CPU usage
62.54%
 Value of deviation :
0.819
 Max value reached by the CPU :
84.31%

CPU evolution by hour of the day



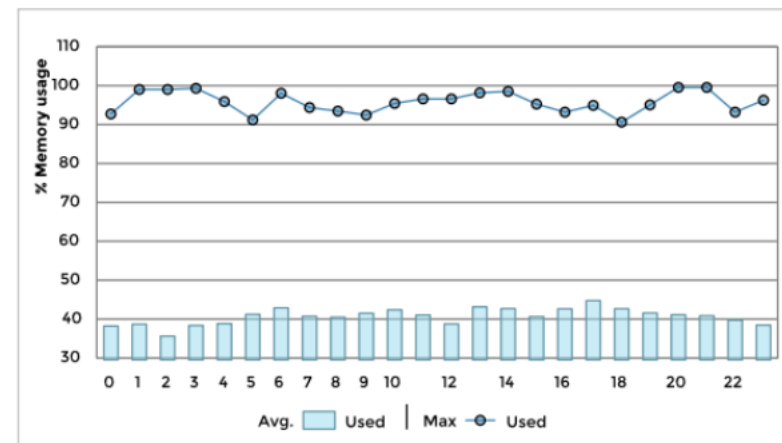
Memory evolution within the reporting period



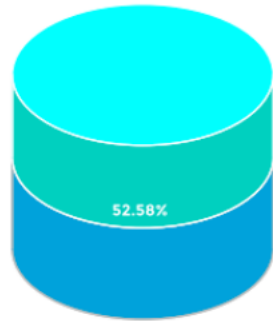
Current Month

Average memory usage
41.22%
 Value of deviation :
5.03
 Max value reached by the memory :
99.55%

Memory evolution by hour of the day



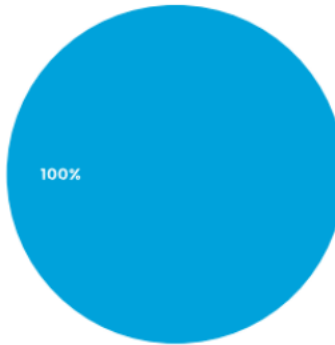
Global information



9 GB
of allocated space

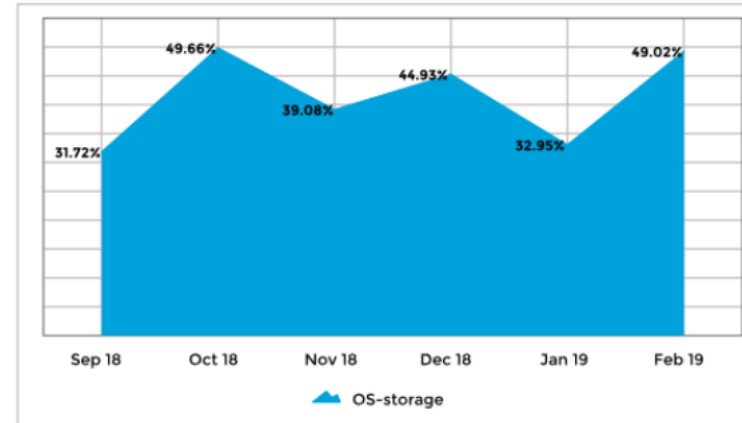
4.73 GB
of used space

Allocated space/service cat.



■ OS-storage

Used space evolution by service category

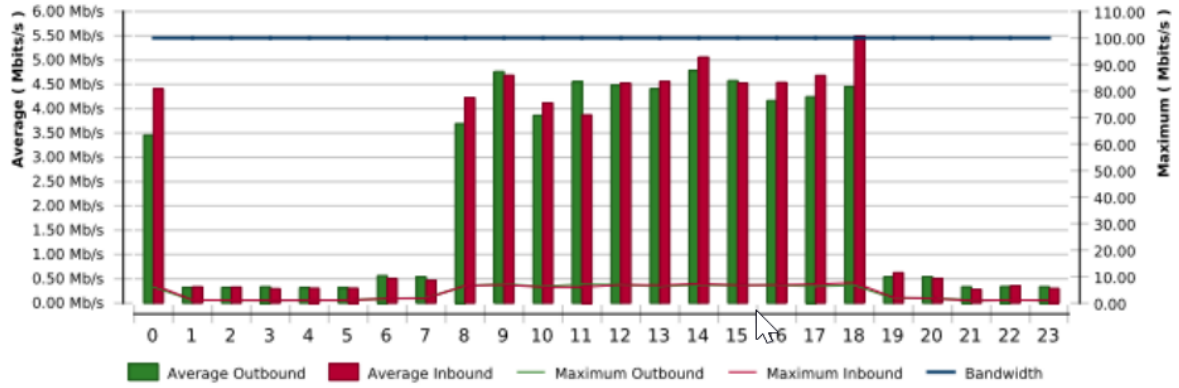


Storage capacity detailed

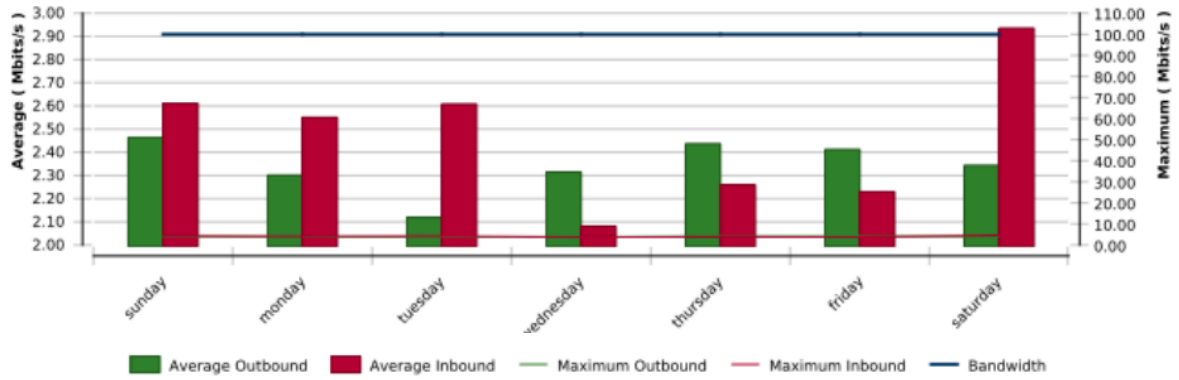
Storage space	Allocated		Used				Time before saturation
	Allocated	Evolution	Used	% used	Evolution		
disk-C	9 GB	0.00%	4.73 GB	52.58%	1.31%(2.69 GB)	44 days	

traffic-card0 of srv-mssql-01

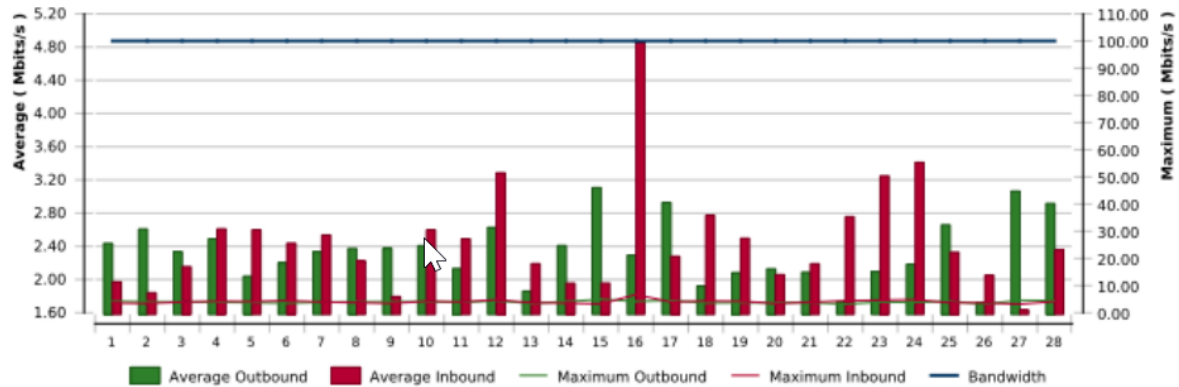
Distribution per hours on the interface



Distribution per days of week on the interface



Distribution per days of month on the interface



Host events

Date		Delay	
Start	End	Acknowledgement	Resolution
Down			Down
Feb 22, 2019, 8:56 AM	Feb 22, 2019, 8:57 AM	-	-
Feb 21, 2019, 6:18 PM	Feb 21, 2019, 6:21 PM	-	2 mn
Feb 20, 2019, 3:18 AM	Feb 20, 2019, 3:20 AM	-	2 mn
Feb 18, 2019, 4:50 AM	Feb 18, 2019, 4:50 AM	-	-
Feb 17, 2019, 2:34 AM	Feb 17, 2019, 2:35 AM	-	-
Feb 9, 2019, 11:25 PM	Feb 9, 2019, 11:26 PM	-	1 mn
Feb 8, 2019, 11:25 AM	Feb 8, 2019, 11:28 AM	-	3 mn
Feb 5, 2019, 12:41 PM	Feb 5, 2019, 12:44 PM	-	3 mn
Feb 3, 2019, 5:20 AM	Feb 3, 2019, 5:21 AM	-	-
Feb 1, 2019, 4:28 PM	Feb 1, 2019, 4:30 PM	-	1 mn
Feb 1, 2019, 2:38 PM	Feb 1, 2019, 2:39 PM	-	-
Feb 1, 2019, 11:01 AM	Feb 1, 2019, 11:02 AM	-	-

Events on services

Priority 3				
Services	Date		Delay	
	Start	End	Acknowledgement	Effective MTRS
Warning				Warning
memory	Feb 18, 2019, 12:42 PM	Feb 18, 2019, 1:22 PM	-	40 mn
memory	Feb 1, 2019, 3:40 PM	Feb 1, 2019, 4:15 PM	-	35 mn
memory	Feb 1, 2019, 6:09 PM	Feb 1, 2019, 6:44 PM	-	35 mn
memory	Feb 3, 2019, 10:05 PM	Feb 3, 2019, 10:40 PM	-	35 mn
memory	Feb 9, 2019, 7:12 AM	Feb 9, 2019, 7:47 AM	-	35 mn
memory	Feb 10, 2019, 4:57 PM	Feb 10, 2019, 5:32 PM	-	35 mn
memory	Feb 10, 2019, 9:06 PM	Feb 10, 2019, 9:41 PM	-	35 mn
memory	Feb 24, 2019, 7:10 AM	Feb 24, 2019, 7:45 AM	-	35 mn
memory	Feb 1, 2019, 4:22 PM	Feb 1, 2019, 4:52 PM	-	30 mn
memory	Feb 4, 2019, 8:27 PM	Feb 4, 2019, 8:57 PM	-	30 mn
memory	Feb 5, 2019, 12:25 PM	Feb 5, 2019, 12:55 PM	-	30 mn
memory	Feb 6, 2019, 6:08 AM	Feb 6, 2019, 6:38 AM	-	30 mn

Consumption

Host group-Electricity-Consumption-1

This report displays statistics on electricity consumption for devices plugged into a UPS.

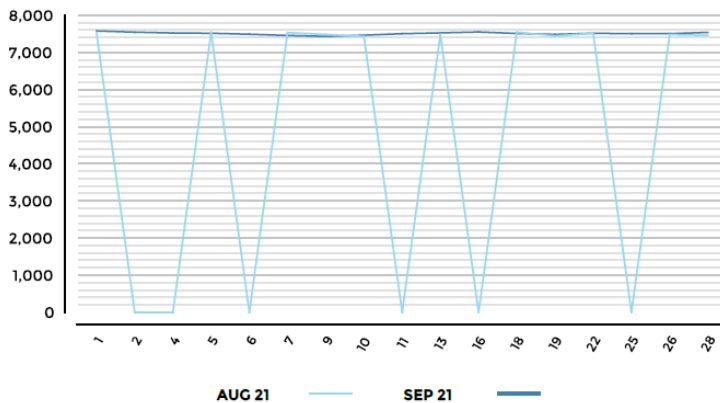
CONSUMPTION REPORT

UPS

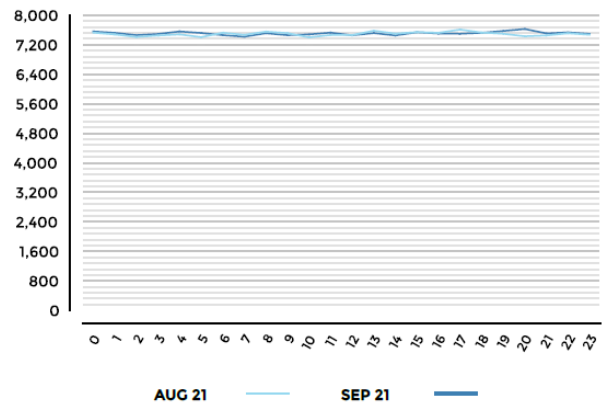
ELECTRICITY CONSUMPTION - SEPTEMBER 2021

0.16 \$ the KWh	Cost	Consumption	Average power	Maximal power
SEP 2021	865.6 \$	5.41 MWh	7.509 KW	9.999 KW
AUG 2021	892.8 \$	5.58 MWh	7.496 KW	9.999 KW
Evolution	-27.2 \$	-170 KWh	+13.593 W	-0.3 W

DAILY AVERAGE (W)



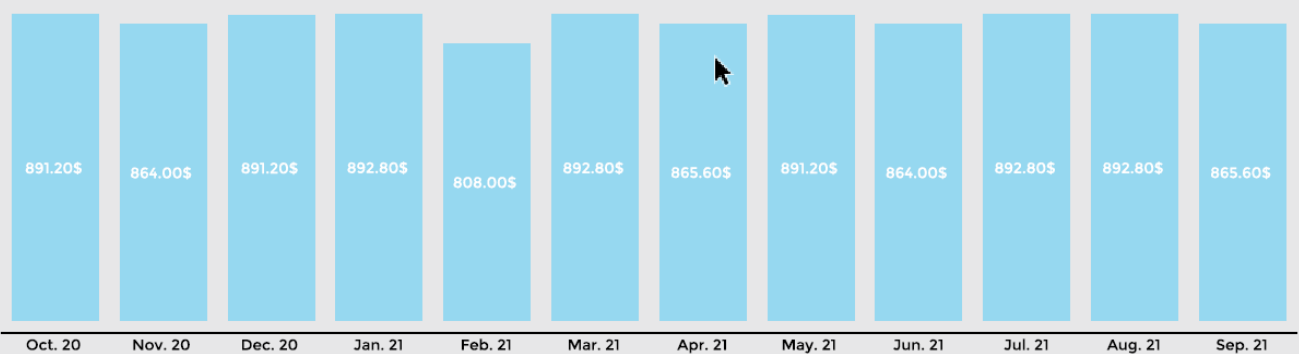
HOURLY AVERAGE (W)



THE MOST ELECTRICITY-CONSUMING UPS

UPS	Average consumption	Cost	Representing
ups-alger-01	1.08 MWh	173.54 \$	20.06%
ups-berlin-01	1.08 MWh	173.34 \$	20.04%
ups-newyork-01	1.08 MWh	172.91 \$	19.99%
ups-sydney-01	1.08 MWh	172.73 \$	19.97%
ups-hongkong-01	1.08 MWh	172.53 \$	19.94%

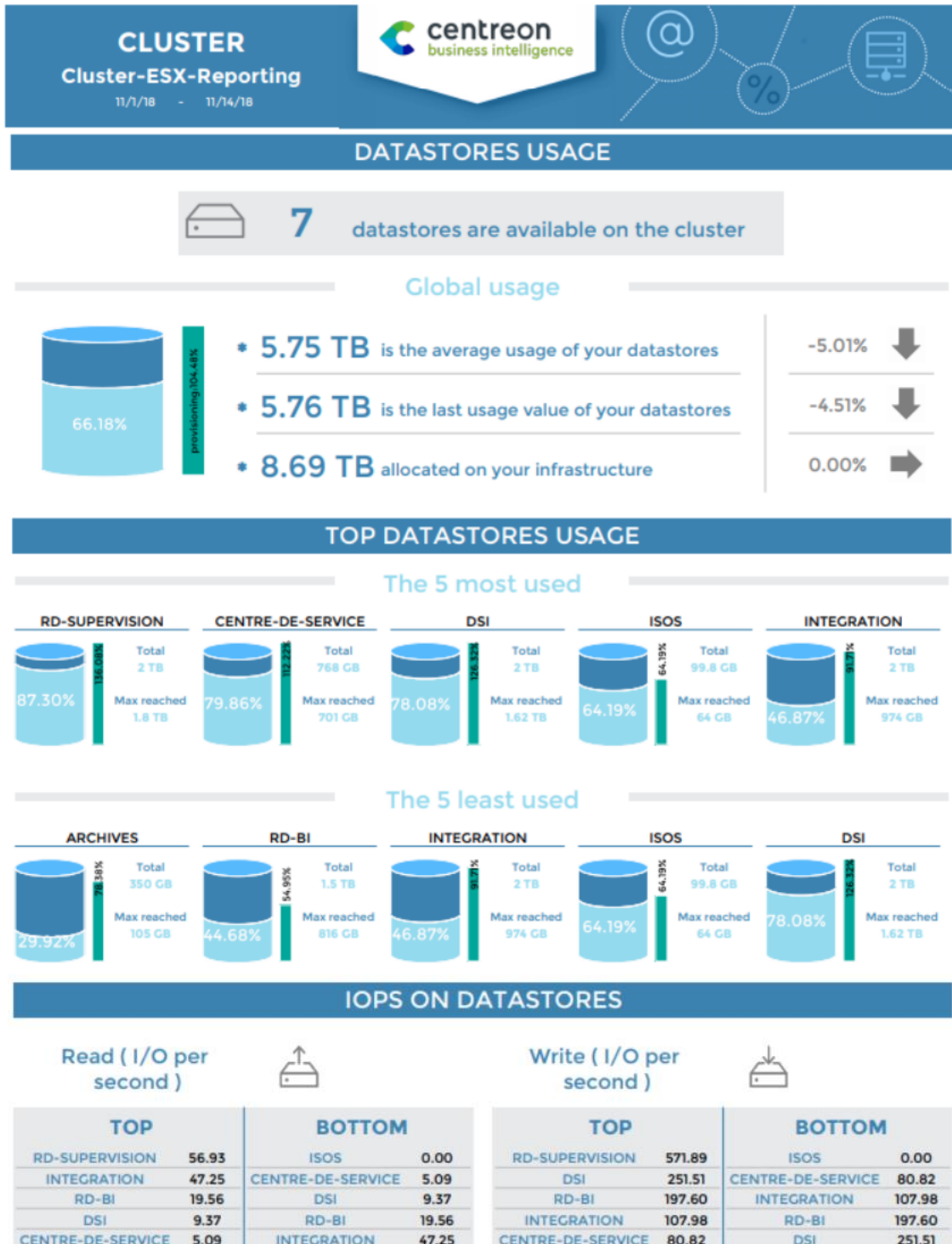
MONTHLY COST YOY



Virtualization

VMware-Cluster-Performances-1

This report displays datastore usage information for an ESX cluster and draws attention to the most used ESX (by CPU, Memory and virtual machines).



CPU USAGE STATISTICS

16.25% is the average CPU usage on the cluster's ESXs ↓ -2.31%

The 5 most used

SRVI-CLUS-ESX-N1...	SRVI-CLUS-ESX-N2...	SRVI-CLUS-ESX-N4...	SRVI-CLUS-ESX-N3...	SRVI-CLUS-ESX-TL...					
Average	Max reached	Average	Max reached	Average	Max reached	Average	Max reached	Average	Max reached
28.46 %	42.17 %	19.43 %	33.7 %	18.79 %	29.88 %	10.01 %	22.15 %	4.57 %	21.57 %

The 5 least used

SRVI-CLUS-ESX-TL...	SRVI-CLUS-ESX-N3...	SRVI-CLUS-ESX-N4...	SRVI-CLUS-ESX-N2...	SRVI-CLUS-ESX-N1...					
Average	Max reached	Average	Max reached	Average	Max reached	Average	Max reached	Average	Max reached
4.57 %	21.57 %	10.01 %	22.15 %	18.79 %	29.88 %	19.43 %	33.7 %	28.46 %	42.17 %

MEMORY STATISTICS

Global usage

328 GB is the average usage memory ↓ -0.51%

81.91%

392 GB is allocated memory → 0.00%

The 5 most used

SRVI-CLUS-ESX-N1...	SRVI-CLUS-ESX-N3...	SRVI-CLUS-ESX-N4...	SRVI-CLUS-ESX-N2...	SRVI-CLUS-ESX-TL...							
Usage	Total	Max	Usage	Total	Max	Usage	Total	Max	Usage	Total	Max
91.09%	128 GB	122 GB	84.93%	64 GB	56.6 GB	83.15%	64 GB	58.8 GB	76.33%	128 GB	106 GB

The 5 least used

SRVI-CLUS-ESX-TL...	SRVI-CLUS-ESX-N2...	SRVI-CLUS-ESX-N4...	SRVI-CLUS-ESX-N3...	SRVI-CLUS-ESX-N1...							
Usage	Total	Max	Usage	Total	Max	Usage	Total	Max	Usage	Total	Max
74.04%	7.9 GB	5.9 GB	76.33%	128 GB	106 GB	83.15%	64 GB	58.8 GB	84.93%	64 GB	56.6 GB

VMs HOSTING

Average powered on and powered off virtual machines on the cluster

154 virtual machine(s) powered on

132 virtual machine(s) powered off

Average powered on and powered off virtual machines by ESX

Powered On

Powered Off

TOP		BOTTOM		TOP		BOTTOM	
SRVI-CLUS-ESX-N1...	58	SRVI-CLUS-ESX-TL...	3	SRVI-CLUS-ESX-N1...	46	SRVI-CLUS-ESX-TL...	1
SRVI-CLUS-ESX-N2...	40	SRVI-CLUS-ESX-N3...	22	SRVI-CLUS-ESX-N4...	31	SRVI-CLUS-ESX-N3...	23
SRVI-CLUS-ESX-N4...	30	SRVI-CLUS-ESX-N4...	30	SRVI-CLUS-ESX-N2...	30	SRVI-CLUS-ESX-N2...	30
SRVI-CLUS-ESX-N3...	22	SRVI-CLUS-ESX-N2...	40	SRVI-CLUS-ESX-N3...	23	SRVI-CLUS-ESX-N4...	31
SRVI-CLUS-ESX-TL...	3	SRVI-CLUS-ESX-N1...	58	SRVI-CLUS-ESX-TL...	1	SRVI-CLUS-ESX-N1...	46

Configuration & Monitoring

Poller-Performances

This report displays information about configuration and performances of the Centreon Engine on a given poller.

Performances and configuration of Centreon Engine on Dec 6, 2016, 11:56 AM

Poller	IP address	Version	State	Last start
Central	127.0.0.1	1.6.2	Running	1 Dec 2016 14:53 GMT+01:00

Hosts				Services						
Status:	6	0	0	6	Status:	55	1	2	2	56
Hosts performances				Services performances						
	Min	Avg	Max		Min	Avg	Max			
Execution time (s)	0.000	0.120	0.179	Execution time (s)	0.044	0.292	5.762			
Latency (s)	0.000	0.751	0.999	Latency (s)	0.002	0.572	1.000			
The longest execution time				The longest execution time						
		Host	Service			Host	Service	Execution time (s)		
		srvi-poller-gso	Disk-io-sda2					5.762 s		

No host exceed 2 second(s) of execution time

The worst latency

The worst latency

No host exceed 2 second(s) of latency

No service exceed 2 second(s) of latency

Current configuration and tips for optimization

Current load average	CPUs number	Max concurrent checks	Host check timeout	Service check timeout
3.85 3.97 3.76	2	200	10	60

An efficient poller is a poller which have a little or no latency. The indicators that have a direct impact on the latency of a poller are: the execution time of hosts and services checks, the maximum number of concurrent check the hardware configuration of the poller.

In case of latency, gradually increase the maximum number of concurrent check. The load average of the poller will increase without being overloaded. In case of overload, latency increases instead of decrease.

If many hosts and services end up on a timeout, the poller will make latency. To optimize performances, you have to lower the timeout values and gradually increase the max check concurrent, while checking that the server is not overloaded.

If with all these tips the server remains overloaded, it may be that it is not enough efficient to take the load. You must therefore increase server performance.

The parameters below may also affect the performance of the poller. In case of incorrect configuration, the recommended value is proposed.

Option	Value	State	Comment
Sleep time	1		The number of seconds that centengine will sleep before checking to see if the next controls in the scheduling queue should be executed. This option should be always less or equal to 1 sec
Service interleave factor	s		This variable determines how service checks are interleaved. Interleaving allows for a more even distribution of service checks, reduced load on remote hosts, should be set to 's' (smart)
Use large installation tweaks	Default		This option determines whether or not the centengine daemon will take several shortcuts to improve performance. It should be set to 'yes'
State Retention Option	Yes		This setting determines how often (in minutes) that centengine will automatically save retention data during normal operation. Need to be define in case of centengine crash.

Themes

These are the default 7 color themes provided by Centreon MBI.

Note: these cannot be used with Centreon BAM reports.



Examples:

