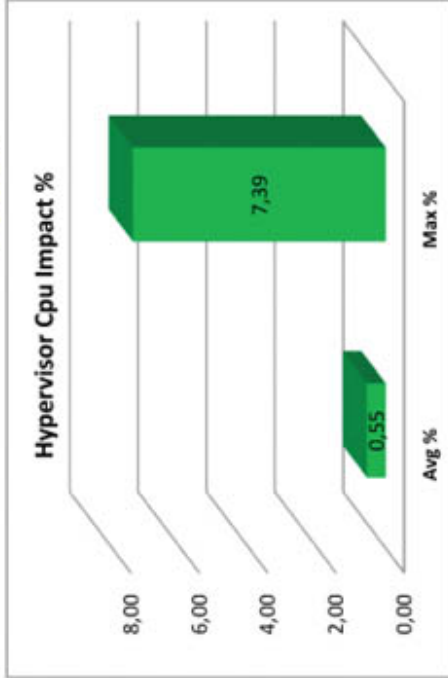
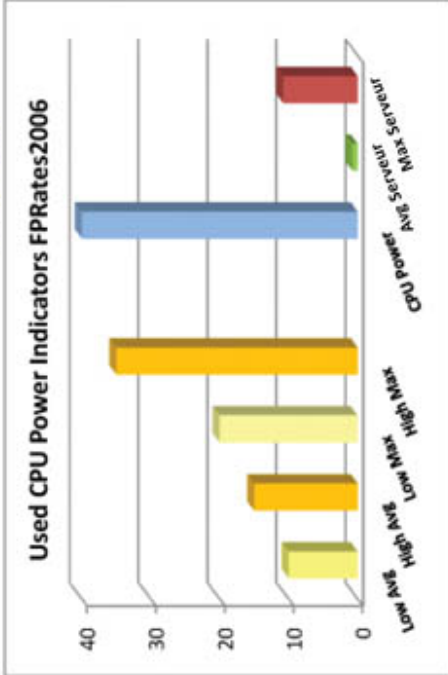
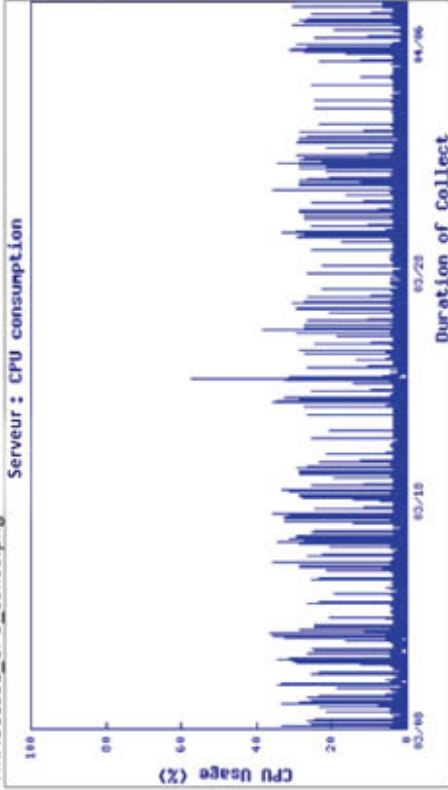
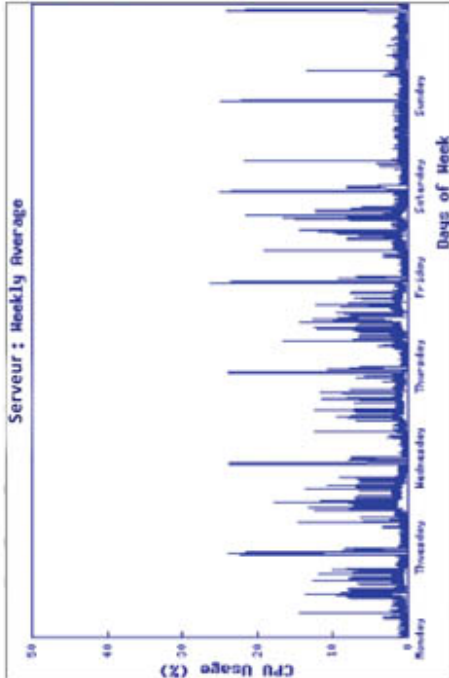
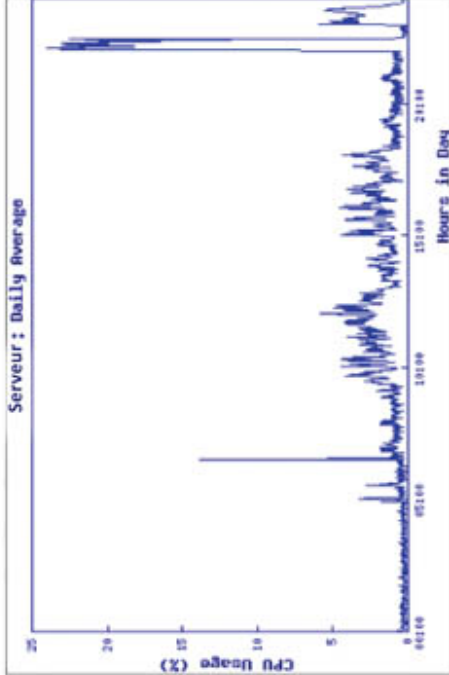
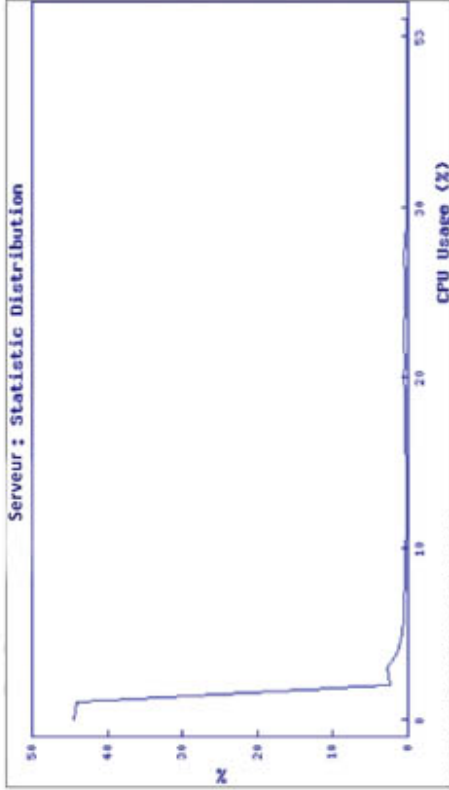


CPU



Used CPU Power Indicators FPRates2006						
Low Avg	High Avg	Low Max	High Max	CPU Power	Avg SERVER	
10	15	20	35	40,00	0,80	
					Max SERVER	10,80

Hypervisor Cpu Impact %	
Avg %	Max %
0,55	7,39

Targeted Hypervisor CPU Specifications	
Model	CPU Power
Dual intel Xeon X5540	2.53 GHZ
	168

Average
Max
CPU

Low CPU activity on average
Low CPU activity on maximum
The processor is recent

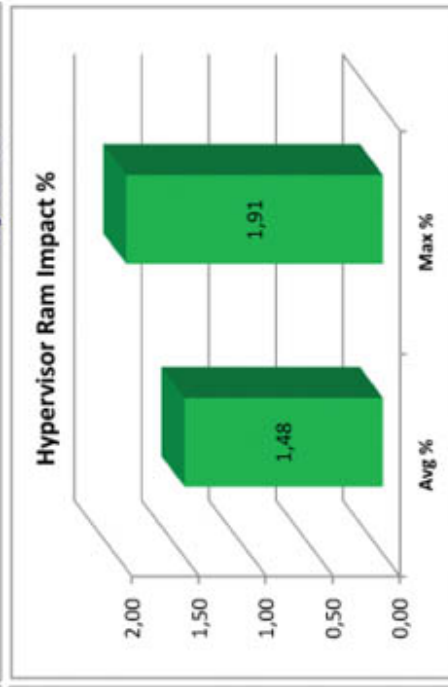
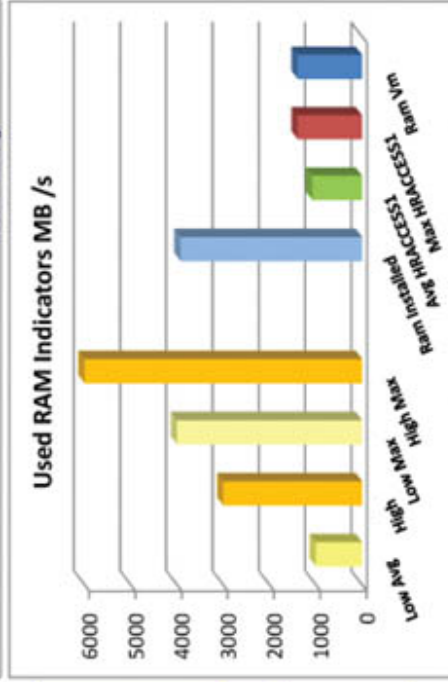
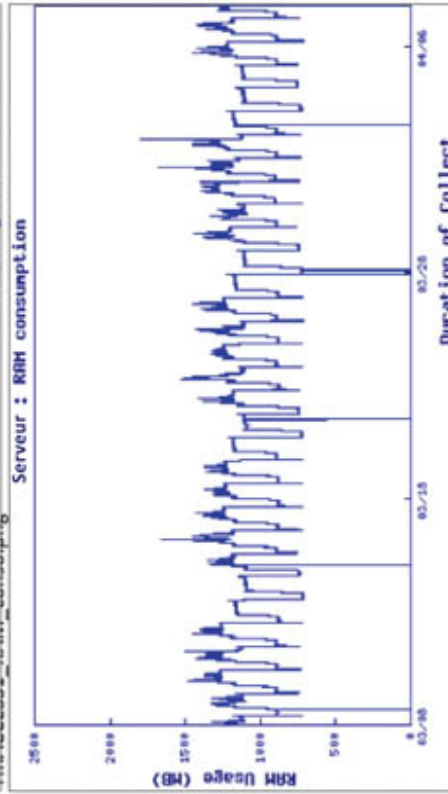
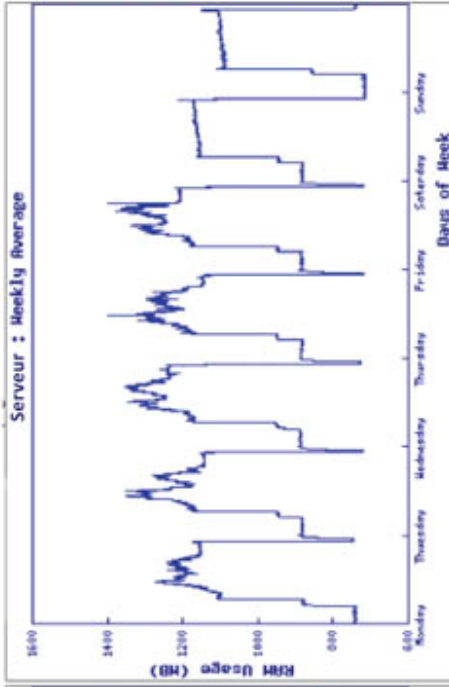
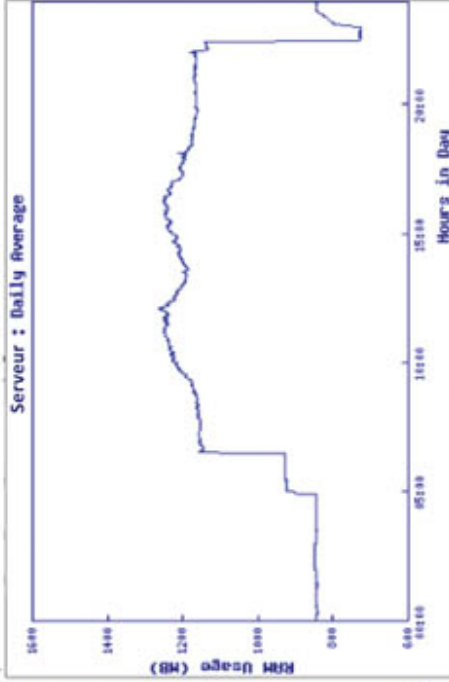
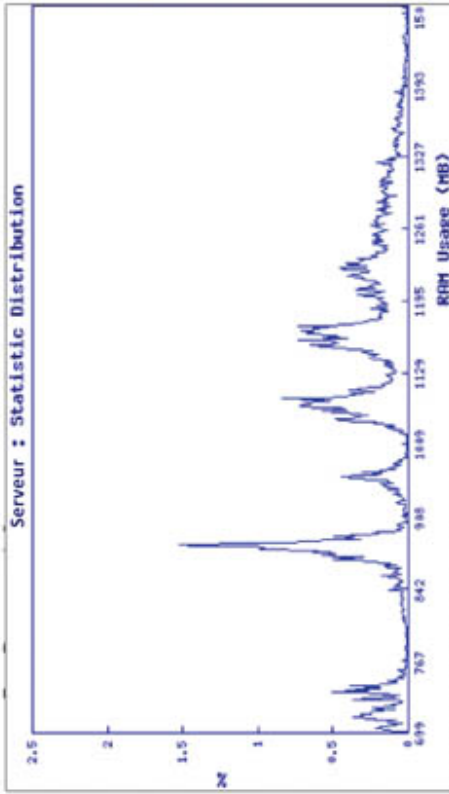
Graph 1 : CPU consumption distribution
Graph 2 : CPU consumption daily average
Graph 3 : CPU consumption weekly average

Graph 4 : CPU total duration of collect
Graph 5 : CPU FPRATES 2006 metrics*
Graph 6 : CPU Activity on targeted Hypervisor**

(*) Calculated over the data collection period

(**) Calculated with a 1,15 CPU ratio overhead

RAM



Used RAM Indicators MB /s				
Low Avg	High	Low Max	High Max	Avg
1000	3000	4000	6000	1077
RAM Installed			RAM (Go)	
3927			72	

Hypervisor Ram Impact %		
Avg %	Max %	
1,48	1,91	

Targeted Hypervisor RAM Specifications	
Model	RAM (Go)
Dual intel Xeon X5540 2,53 GHZ	72

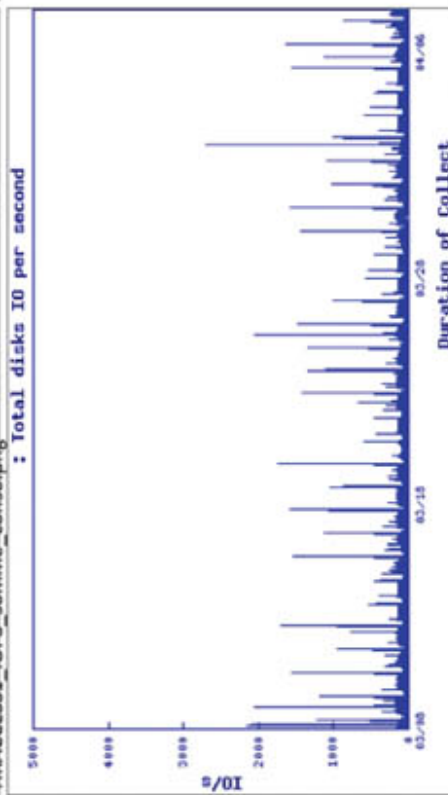
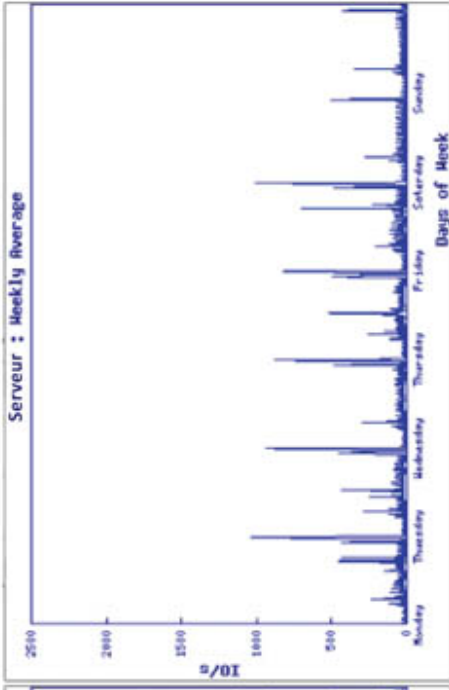
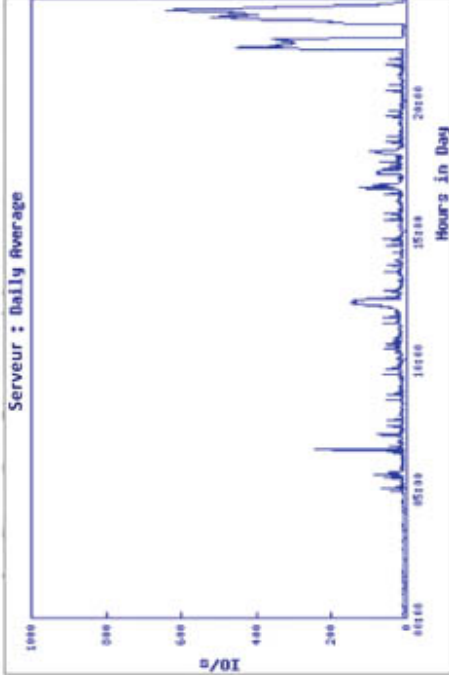
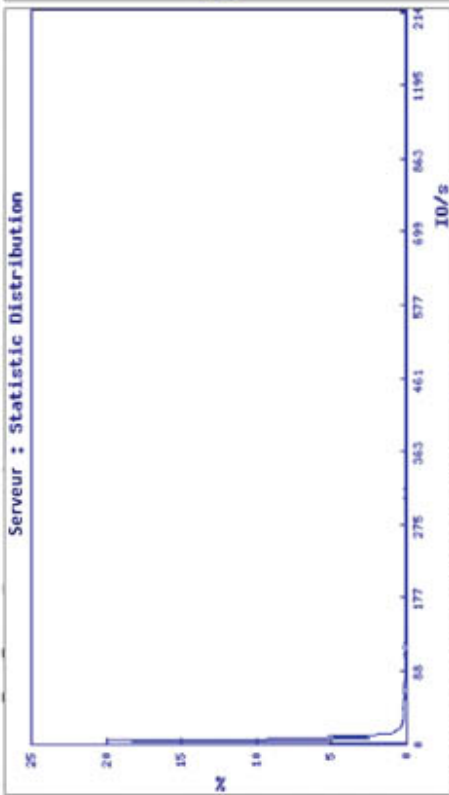
Average
 Max
 RAM

(*) Calculated over the data collection period

Graph 1 : RAM consumption distribution
 Graph 2 : RAM consumption daily average
 Graph 3 : RAM consumption weekly average
 (**) Calculated with RAM sizing rules

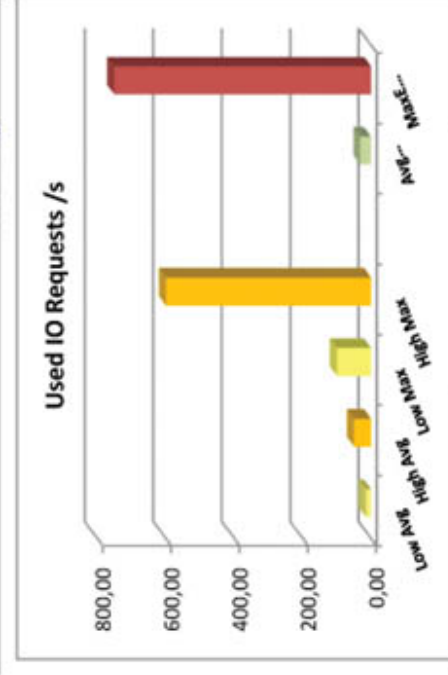
Graph 4 : RAM Activity total duration of collect
 Graph 5 : RAM metrics*
 Graph 6 : RAM activity on targeted Hypervisor**

I/O s



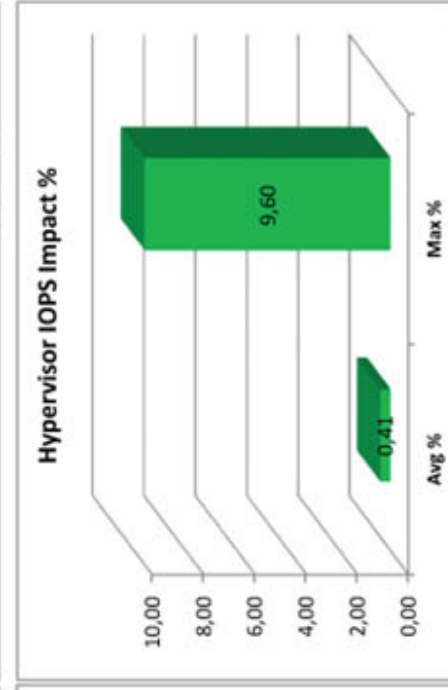
Used IO Requests /s					
Low Avg	High Avg	Low Max	High Max	AVG SERVER	MaxE SERVER
15,00	50,00	100	600,00	32,00	751,00

Average
Max
Medium DISKS I/O activity on average
High DISKS I/O activity on maximum
(*) Calculated over the data collection period



Hypervisor IOPS Impact %	
Avg %	Max %
0,41	9,60

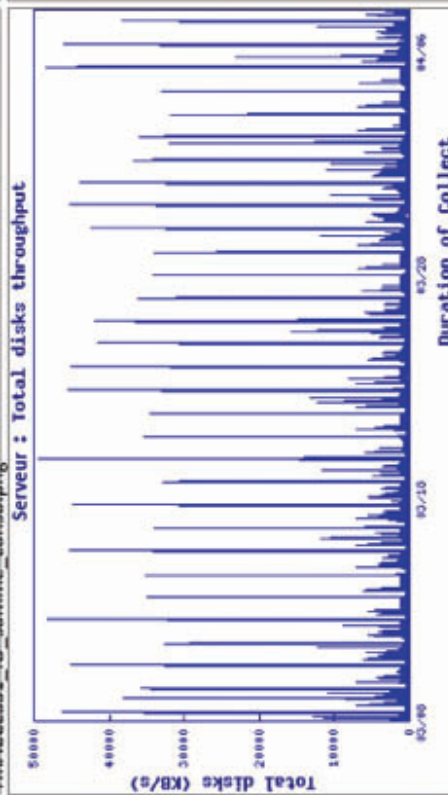
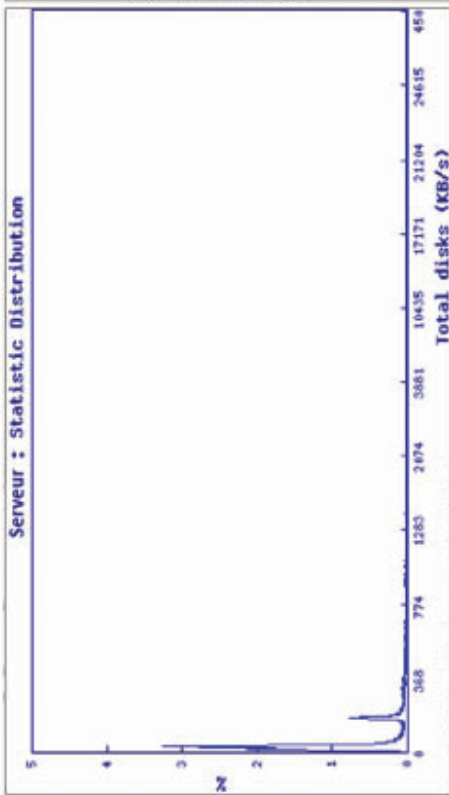
Graph 1 : IO/s requests distribution
Graph 2 : IO/s requests daily average
Graph 3 : IO/s requests weekly average
(**) Calculated with a 1,15 IO ratio overhead



Targeted Hypervisor HBA Specifications	
Model HBA	#
HBA FC 4Go	2

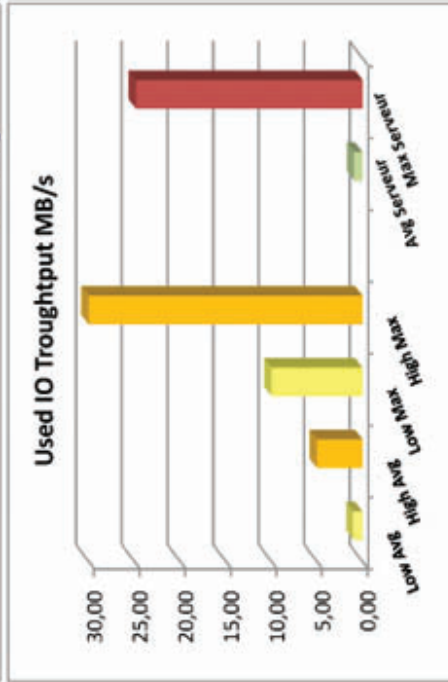
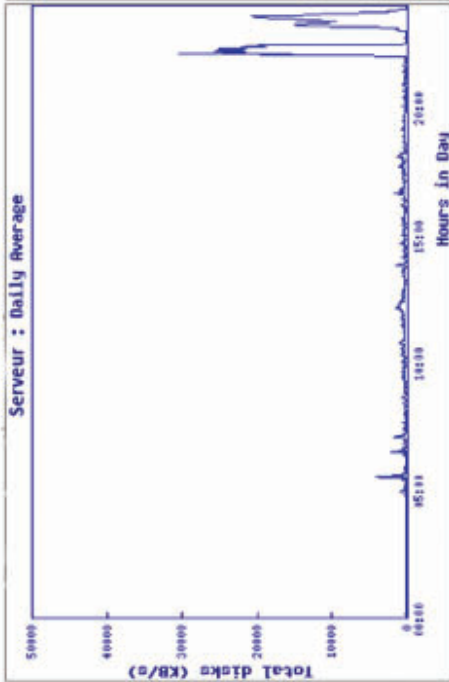
Graph 4 : IO/s Activity total duration of collect
Graph 5 : IO/s metrics*
Graph 6 : IO/s activity on targeted Hypervisor**

IO MB /s



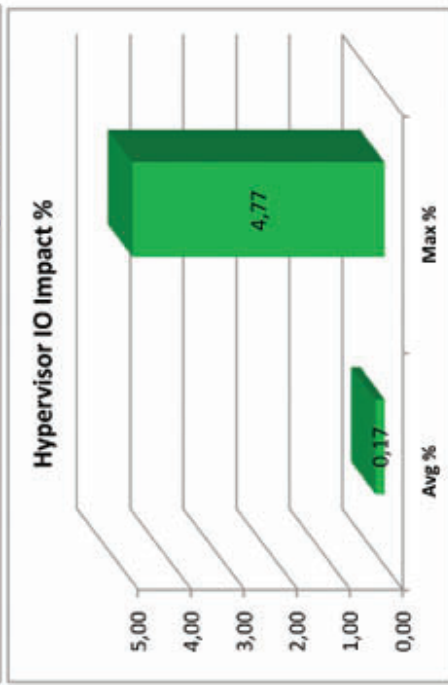
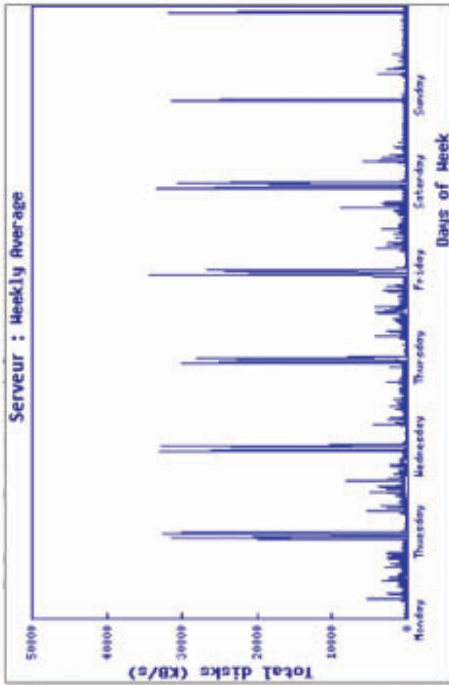
Used IO Throughput MB/s					
Low Avg	High Avg	Low Max	High Max	Avg	Max
1,00	5,00	10	30,00	0,91	24,86

Average Low DISKS throughput activity on average
Max Medium DISKS throughput activity on maximum
(*) Calculated over the data collection period



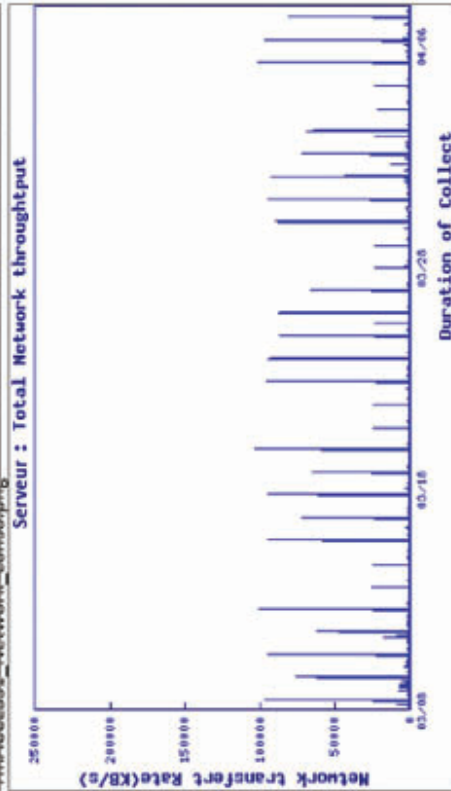
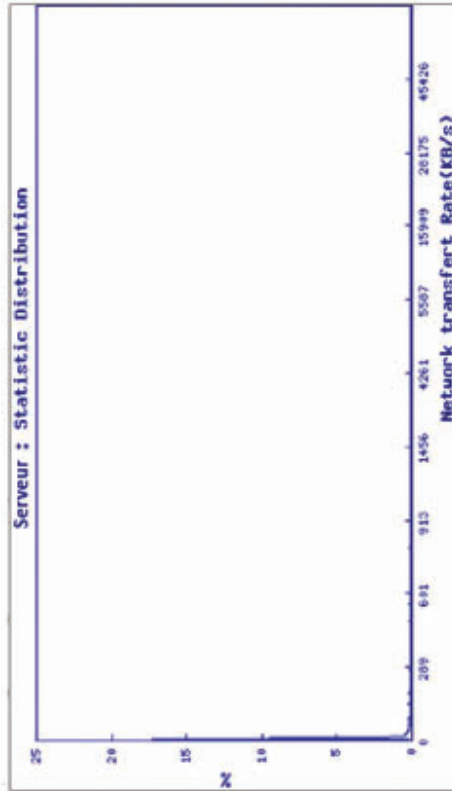
Hypervisor IO Impact %	
Avg %	Max %
0,17	4,77

Graph 1 : IO throughput distribution
Graph 2 : IO throughput daily average
Graph 3 : IO throughput weekly average
() Calculated with a IO ratio overhead**



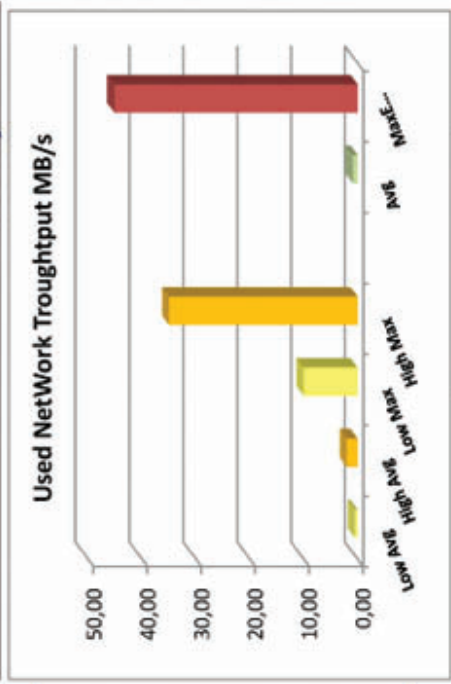
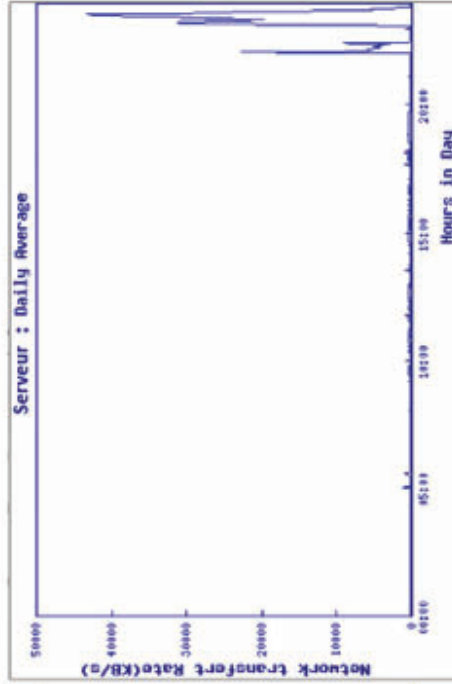
Targeted Hypervisor HBA Specifications		
Model HBA	#	I/O MB /s
HBA FC 4G0	2	600

Graph 4 : IO throughput Activity total duration of collect
Graph 5 : IO throughput metrics*
Graph 6 : IO throughput activity on targeted Hypervisor**



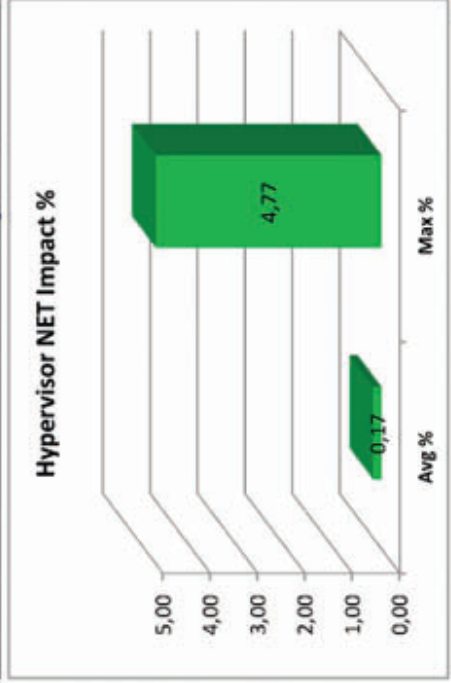
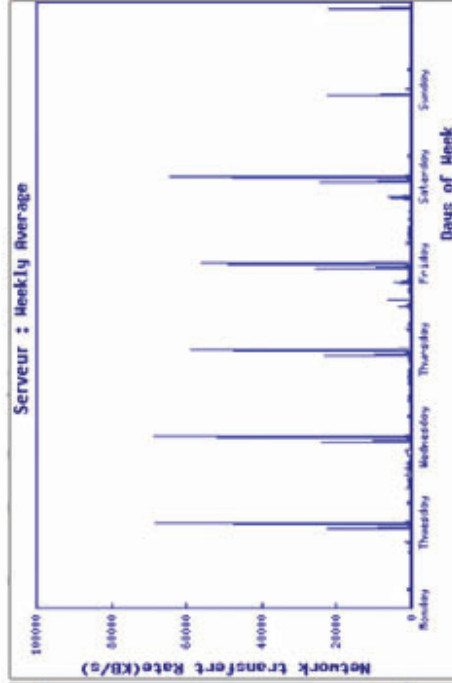
Used Network Throughput MB/s		AVG		MAXE	
Low Avg	High Avg	Low Max	High Max	SERVER	SERVER
0,50	2,00	10	35,00	0,90	45,17

Average Medium NETWORK throughput activity on average
 Max High NETWORK throughput activity on maximum



Hypervisor NET Impact %		Avg %		Max %	
Interface	#	Avg %	Max %	SERVER	SERVER
Port Gb	4	0,17	4,77		

Graph 1 : Network consumption distribution
 Graph 2 : Network consumption daily average
 Graph 3 : Network consumption weekly average
 (**) Calculated with a IO ratio overhead

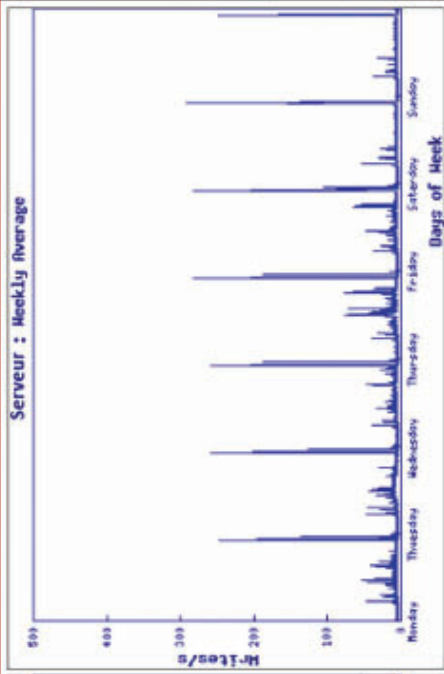
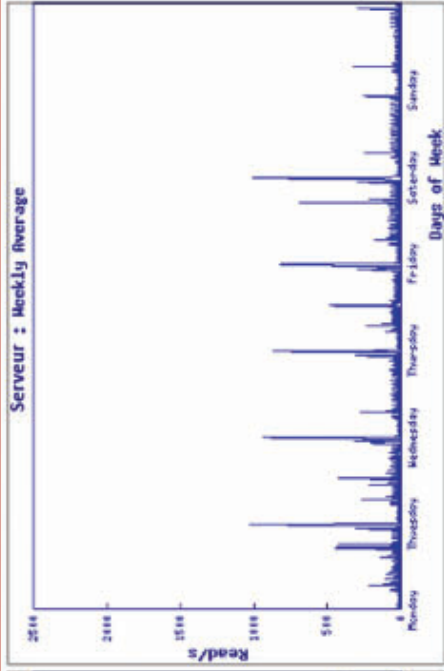
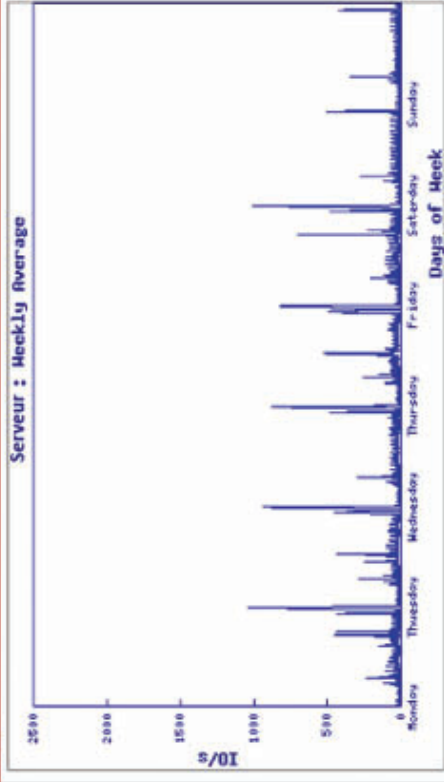


Targeted Hypervisor Network Specifications		I/O MB /s	
Interface	#	Avg	Max
Port Gb	4		352

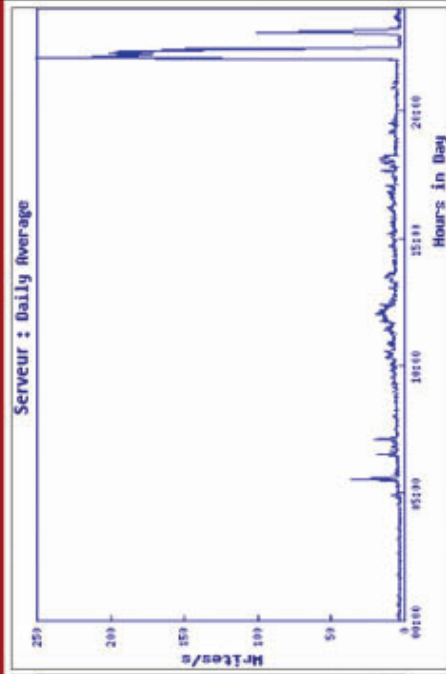
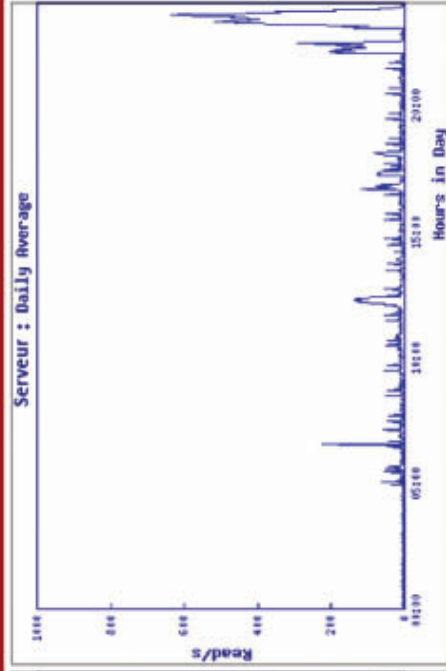
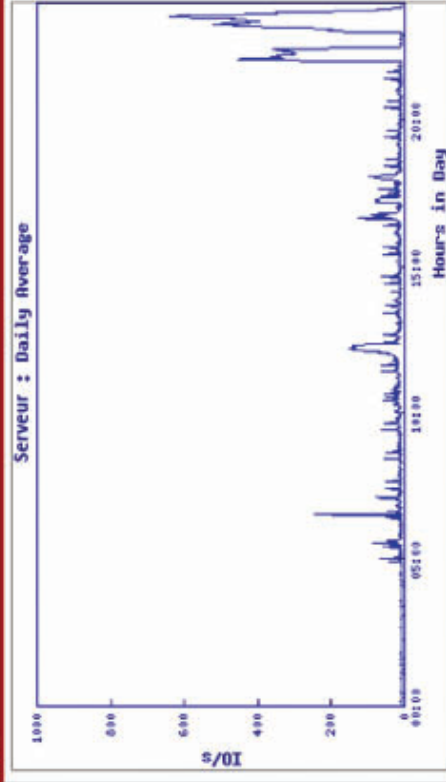
Graph 4 : Network Activity total duration of collect
 Graph 5 : Network metrics*
 Graph 6 : Network activity on targeted Hypervisor**



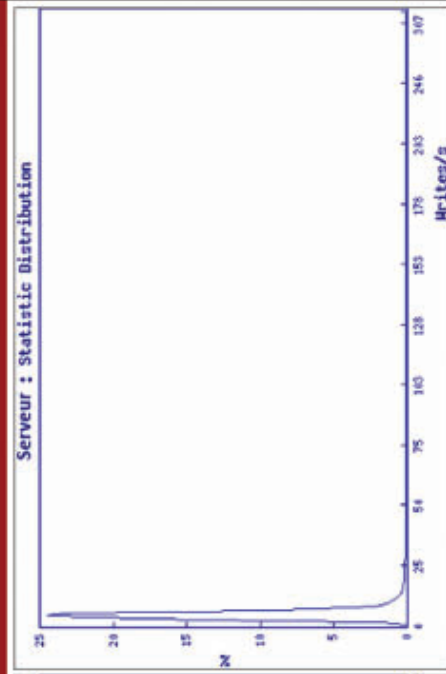
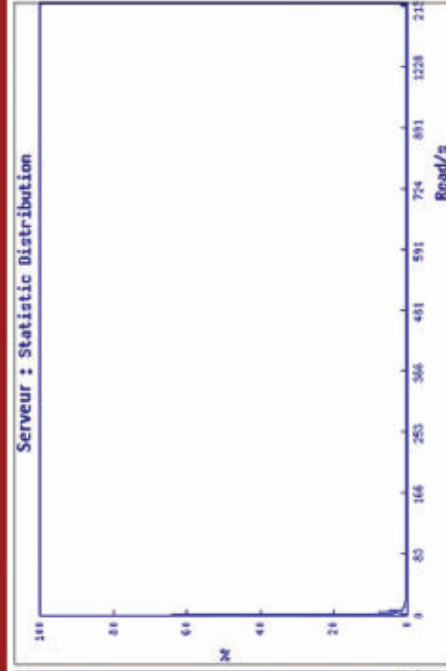
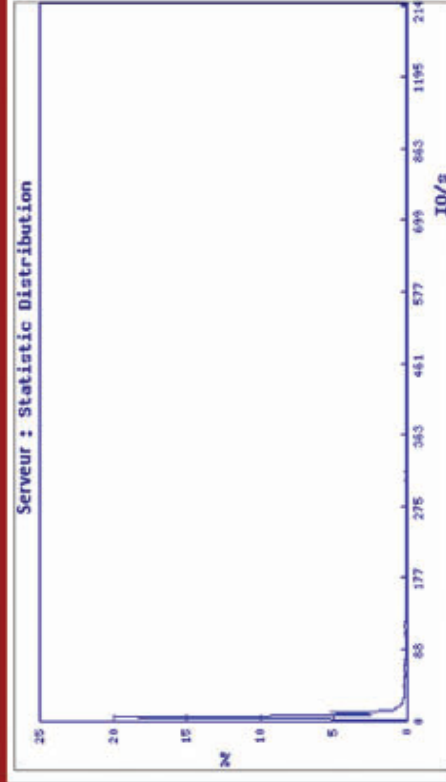
WEEKLY

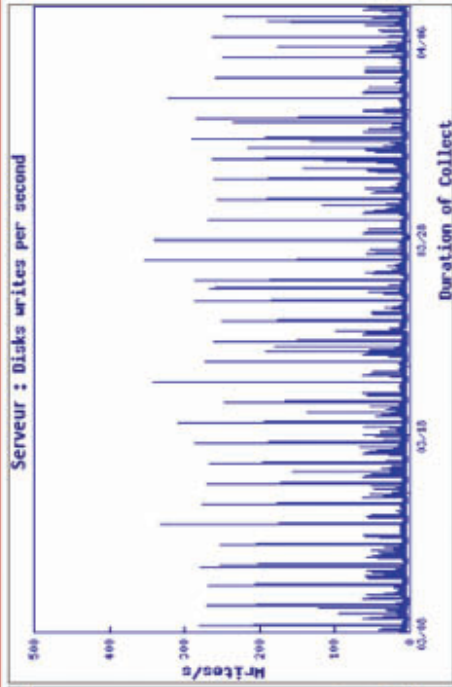
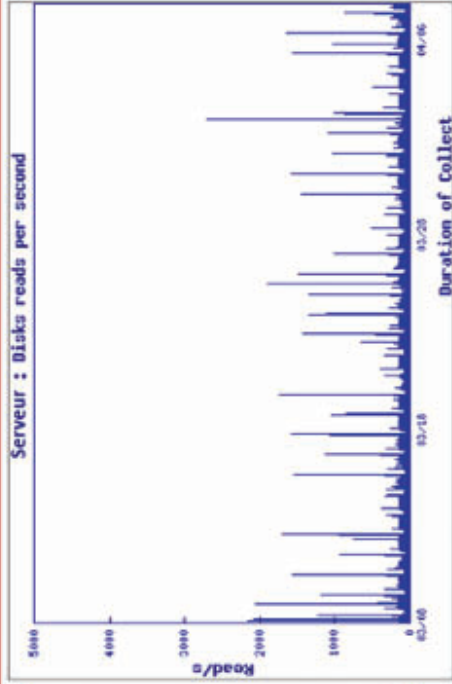
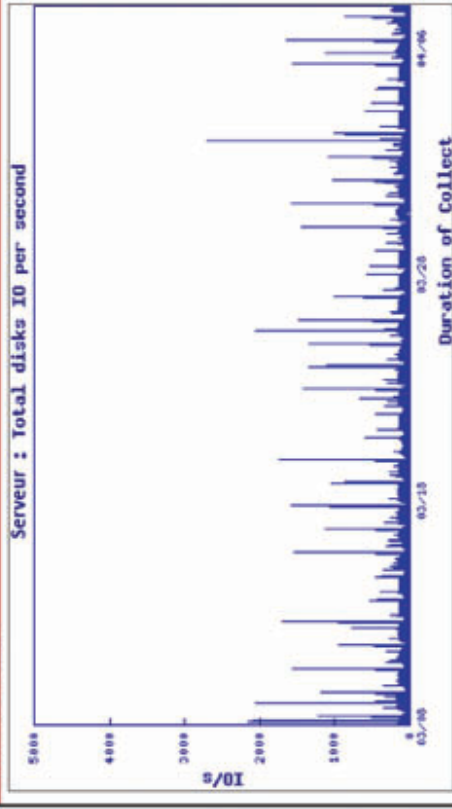


DAILY

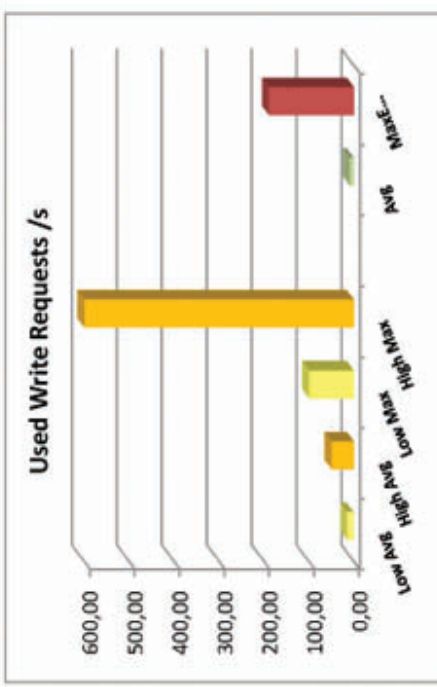
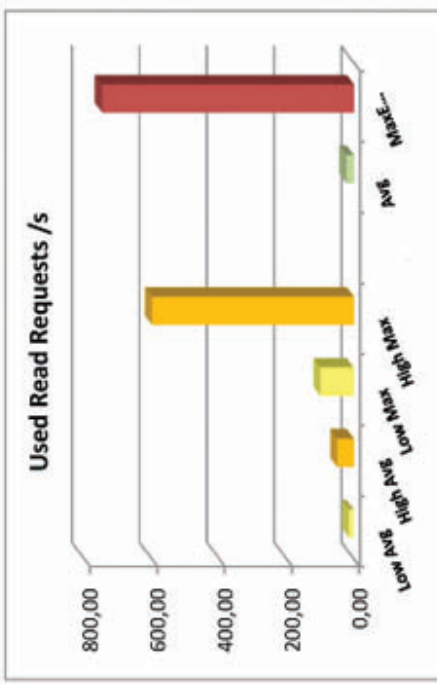
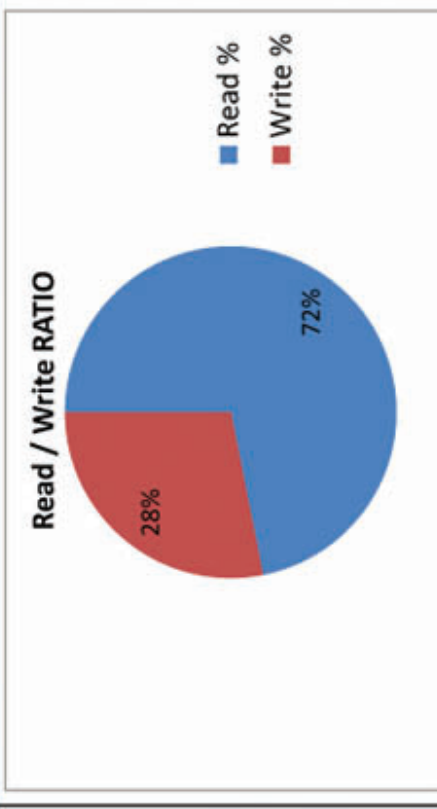


STATISTIC DISTRIBUTION





METRICS



Used Read Requests /s		Read / Write RATIO	
Low Avg	High Avg	Read %	Write %
15,00	50,00	71,88%	28,13%
Low Max	High Max		
100	600,00		
Avg	MaxE		
23,00	748,00		

Used Write Requests /s		Read / Write RATIO	
Low Avg	High Avg	Read %	Write %
15,00	50,00	71,88%	28,13%
Low Max	High Max		
100	600,00		
Avg	MaxE		
9,00	190,00		

- Graph 1 : IO/s requests weekly average
- Graph 2 : Reads/s requests weekly average
- Graph 3 : Read/s requests weekly average
- Graph 4 : IO/s requests daily average
- Graph 5 : Reads/s requests daily average
- Graph 6 : Write/s requests daily average
- Graph 7 : IO/s requests distribution
- Graph 8 : Read/s requests distribution
- Graph 9 : Write/s requests distribution
- Graph 10 : IO/s Activity total duration of collect
- Graph 11 : Read/s Activity total duration of collect
- Graph 12 : Write/s Activity total duration of collect
- Graph 13 : Read / Write Ratio
- Graph 14 : Read/s metrics
- Graph 15 : Write/s metrics

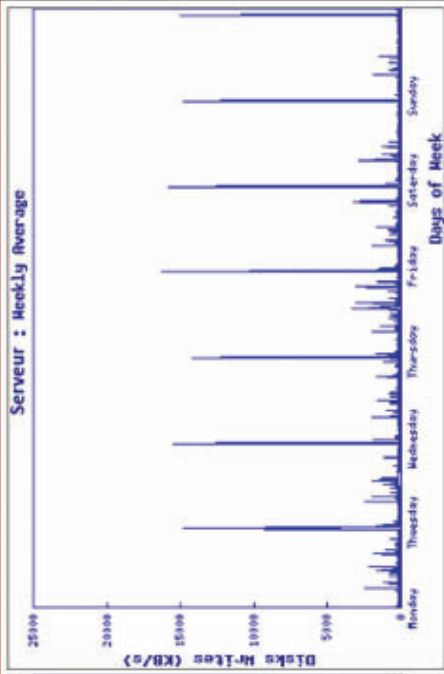
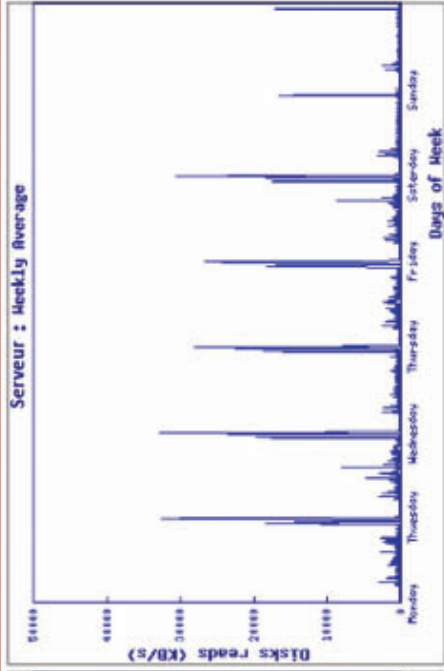
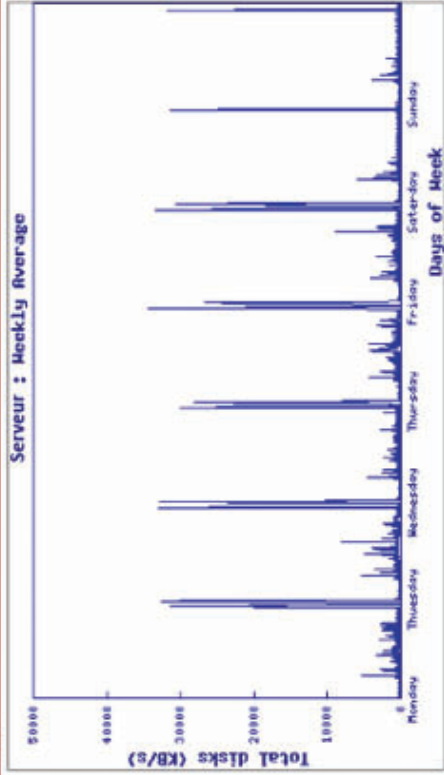
IO Throughput : Read/Write Ratio

IO MB / s

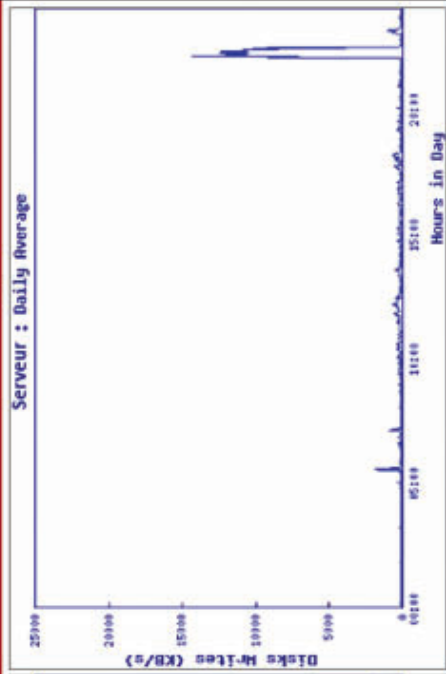
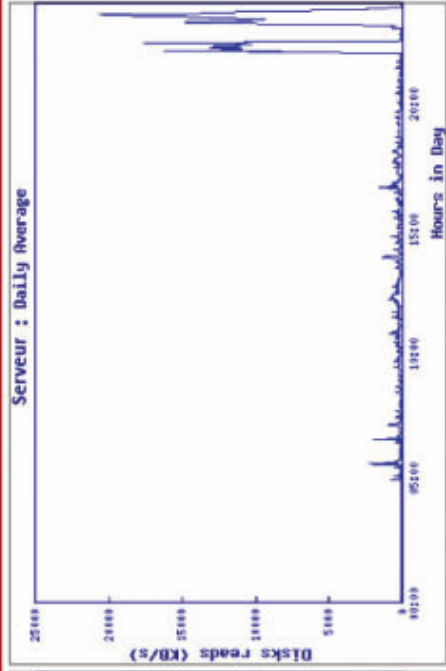
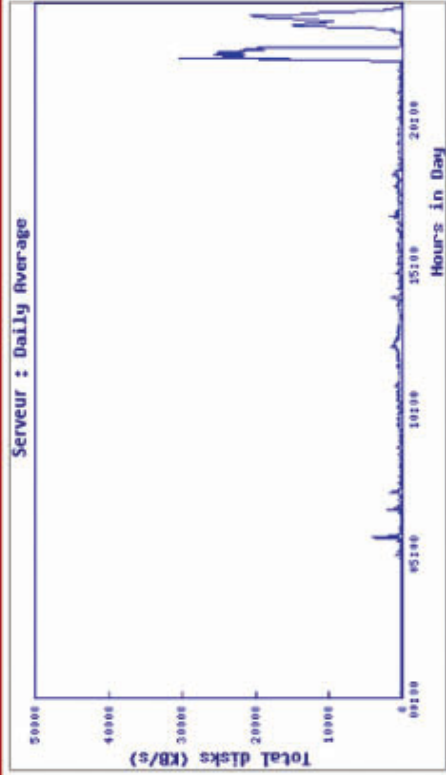
READ MB / s

WRITE MB / s

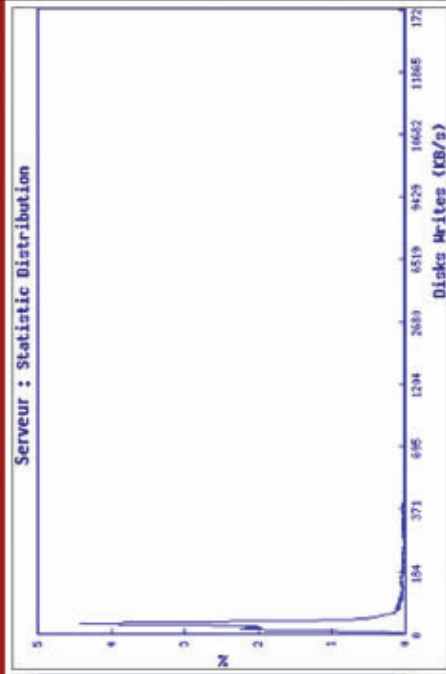
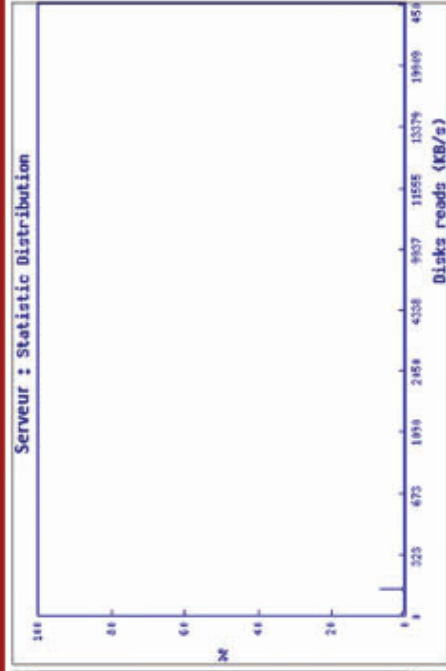
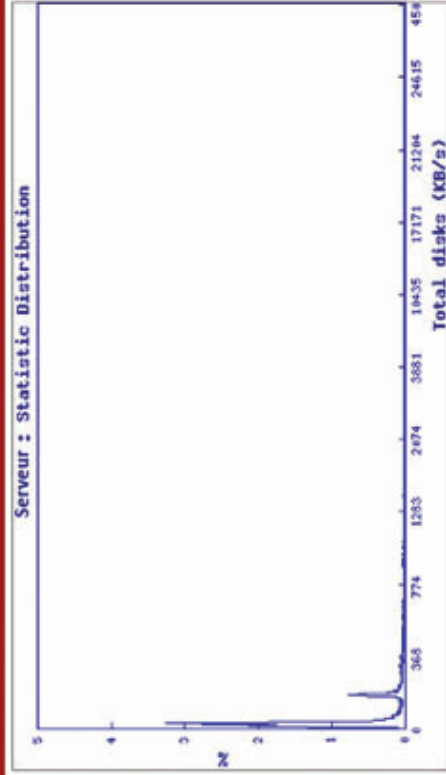
WEEKLY



DAILY



STATISTIC DISTRIBUTION



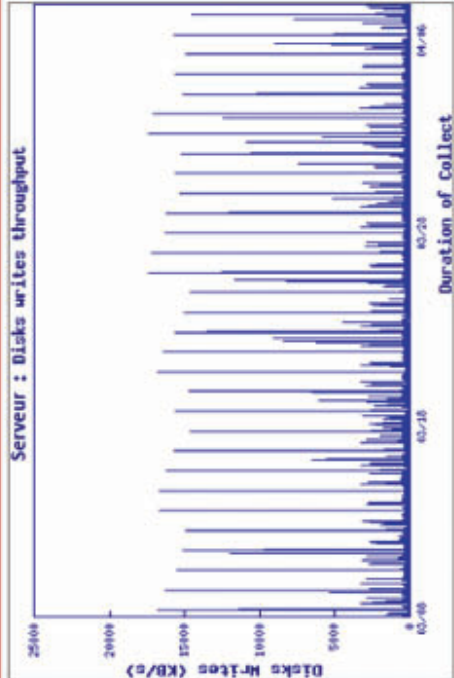
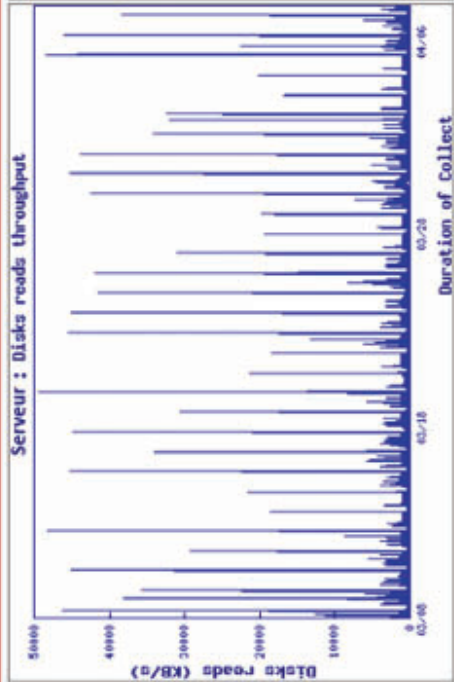
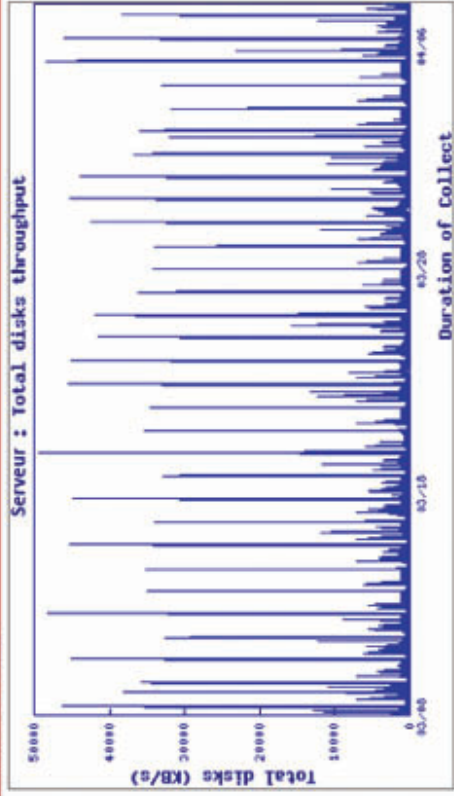
IO Throughput : Read/Write Ratio

WRITE MB / s

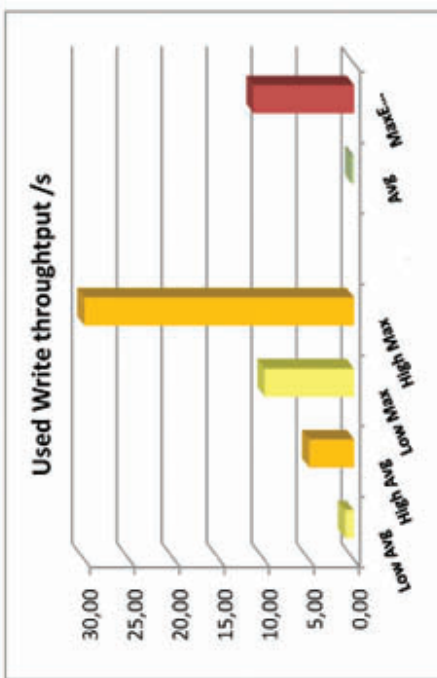
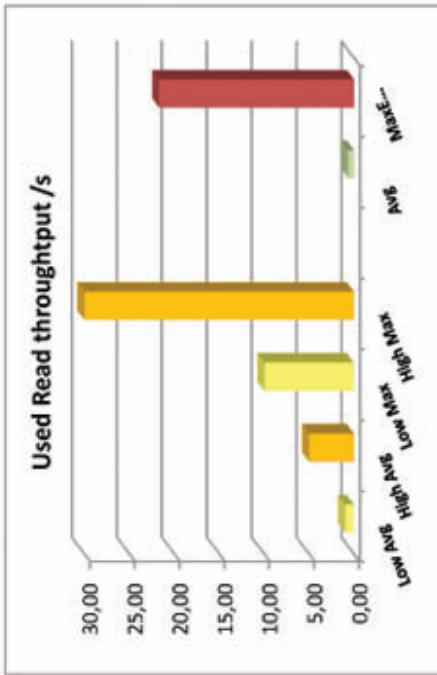
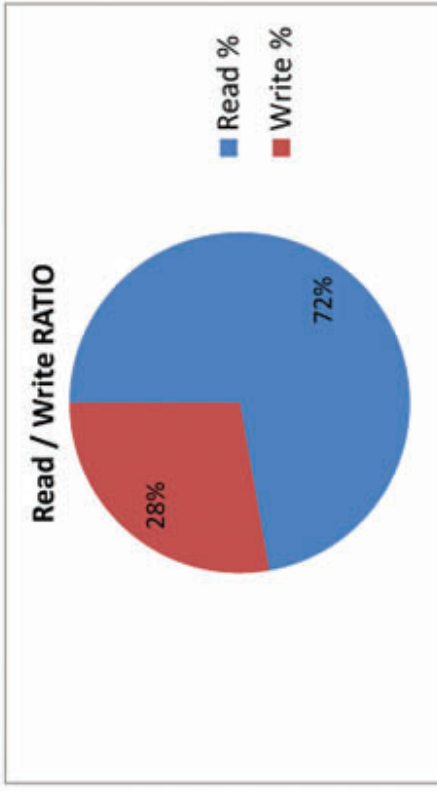
READ MB / s

IO MB / s

DURATION OF COLLECT



METRICS



Used Read throughput /s				
Low Avg	High Avg	Low Max	High Max	MaxE
1,00	5,00	10	30,00	21,72

Read / Write RATIO	
Read %	Write %
72,24%	27,76%

Used Write throughput /s				
Low Avg	High Avg	Low Max	High Max	MaxE
1,00	5,00	10	30,00	11,23

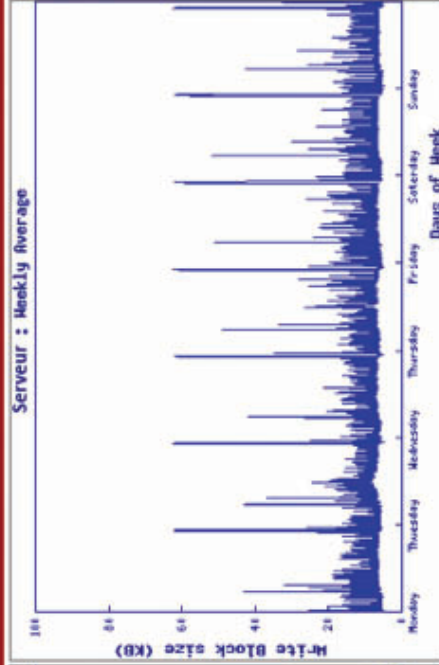
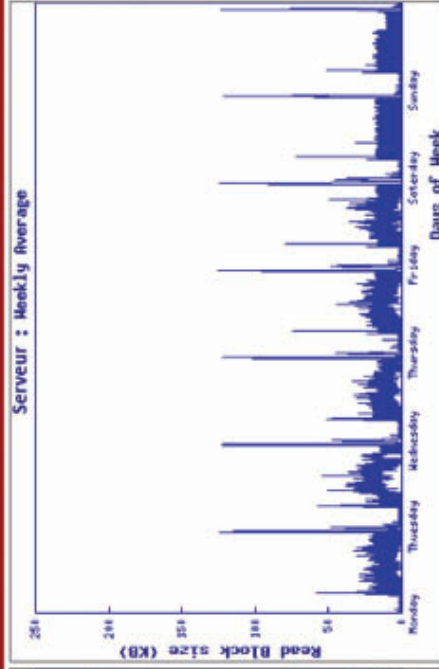
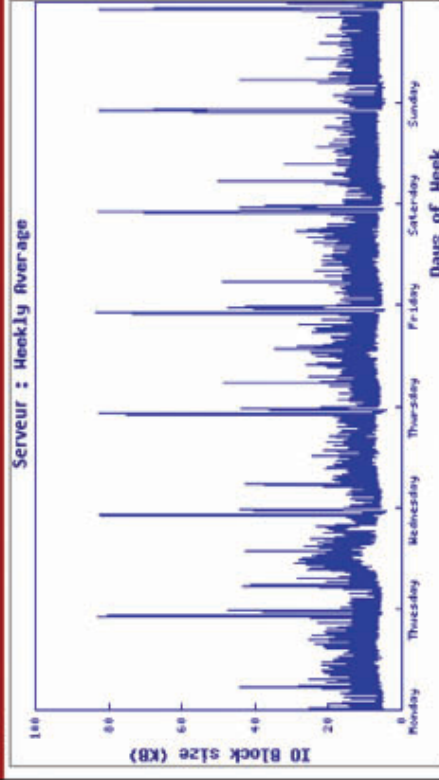
- Graph 1 : IO throughput weekly average
- Graph 2 : Read throughput weekly average
- Graph 3 : Read throughput weekly average
- Graph 4 : IO throughput daily average
- Graph 5 : Read throughput daily average
- Graph 6 : Write throughput daily average
- Graph 7 : IO throughput distribution
- Graph 8 : Read throughput distribution
- Graph 9 : Write throughput distribution
- Graph 10 : IO throughput total duration of collect
- Graph 11 : Read throughput total duration of collect
- Graph 12 : Write throughput total duration of collect
- Graph 13 : Read / Write Ratio
- Graph 14 : Read throughput metrics
- Graph 15 : Write throughput metrics

WEEKLY IOPS : Read/Write Block Size

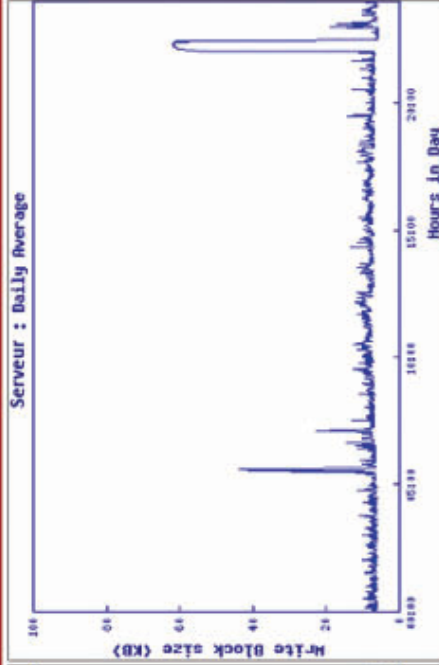
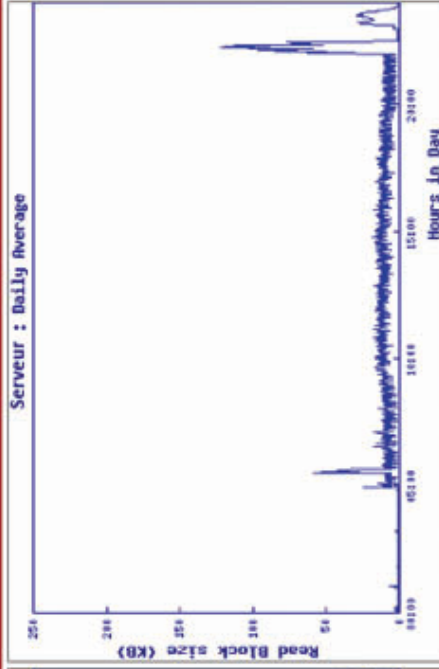
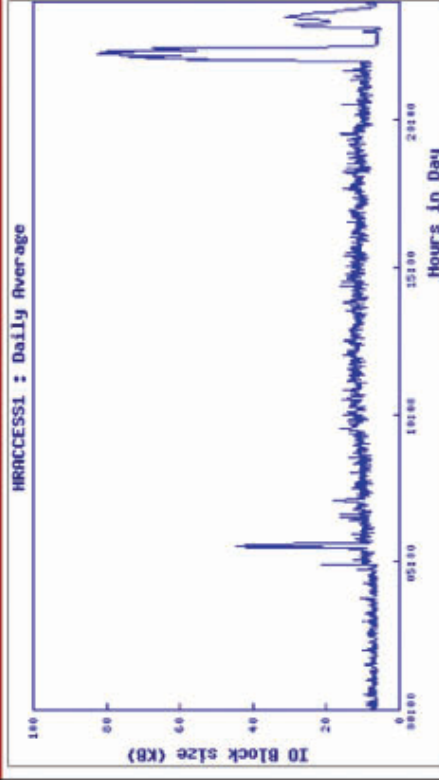
WRITE Block Size

WEEKLY

IO Block Size



DAILY



STATISTIC DISTRIBUTION

