

Load Test Report:

5/31/07 10:51 AM sugar load test



Server Analysis

The Servers section presents an analysis of each server involved in the load test.

Server Coverage

These servers/hosts were monitored or used in testcases. The table describes how the server/host was used in the test.

Server name / host name	# Testcases ¹	# Pages ²	# URLs ³	Monitoring ⁴
192.168.1.224	1	9	601	advanced

1. # *Testcases* indicates the number of testcases that include at least one transaction from this server.
2. # *Web Pages* indicates the number of web pages that are retrieved from this server.
3. # *URLs* indicates the number of urls that are retrieved from this server.
4. Advanced, basic or none.

Peak server metrics

This section summarizes the peak values for key performance metrics for each monitored server.

Server name	CPU %	Memory %	Disk %	Network Out
192.168.1.224	100	24	4	1,018.3 kBps

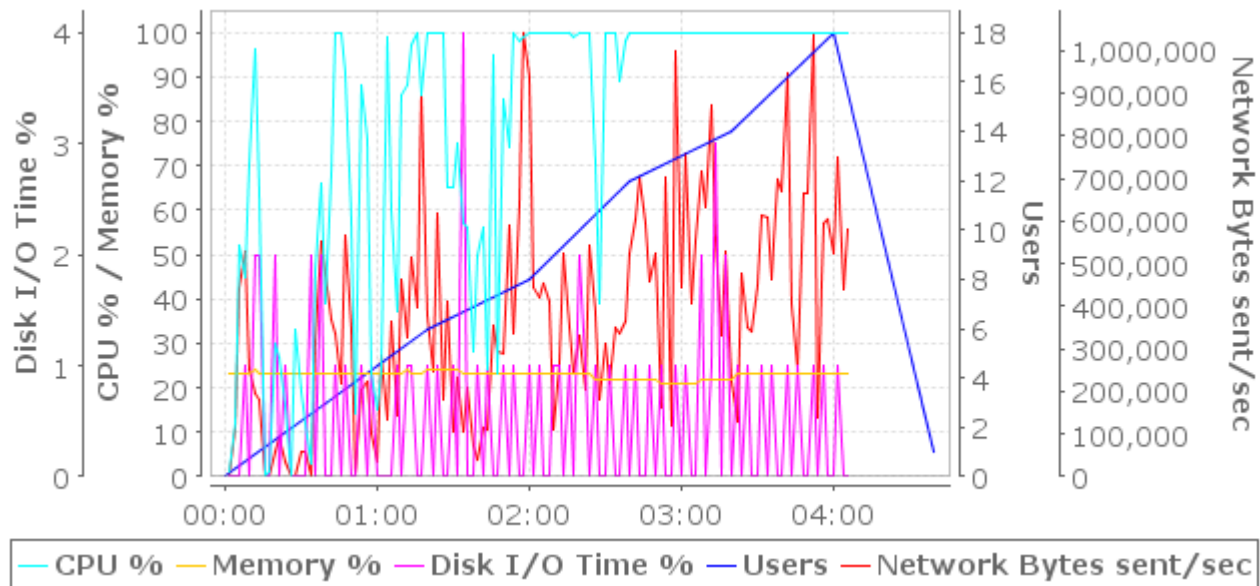
Server performance checklist: 192.168.1.224

This checklist highlights key performance metrics for each monitored server along with recommended limits. Warning icons indicate metrics that could be a factor in performance problems and should be investigated.

Group/Metric name	Value	Advice	?
 CPU			
 CPU %	100	Consistenly exceeding 85% could indicate a bottleneck	
Process Queue Length	29	Queue length should remain below 2 per processor	
Context switches/Sec	1,675	Exceeding 15000 switches/sec can degrade performance	
 Memory			
Memory %	24	Memory usage in excess of 80% can impact performance	
 Page reads/sec	12	Exceeding 5 could indicate a memory shortage	
Disk			
Disk I/O Time %	4	Disk usage in excess of 95% should be investigated	
Disk Queue Length	1	Queue length should not exceed 3 (2 + # spindles)	
Avg Disk Service Time	14	Greater than 18ms indicates disk optimization is recommended	
Network			
TCP Connection Failures	0	Any connection failures could result in user errors	

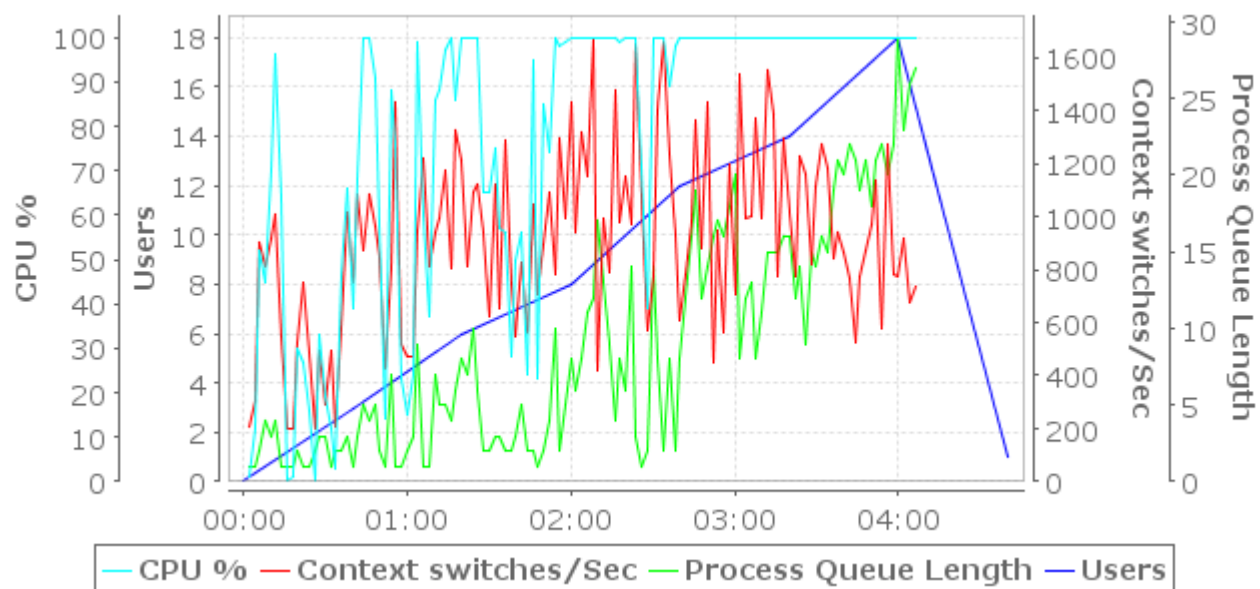
Server summary chart for 192.168.1.224:

This section shows the key metric for each performance category.



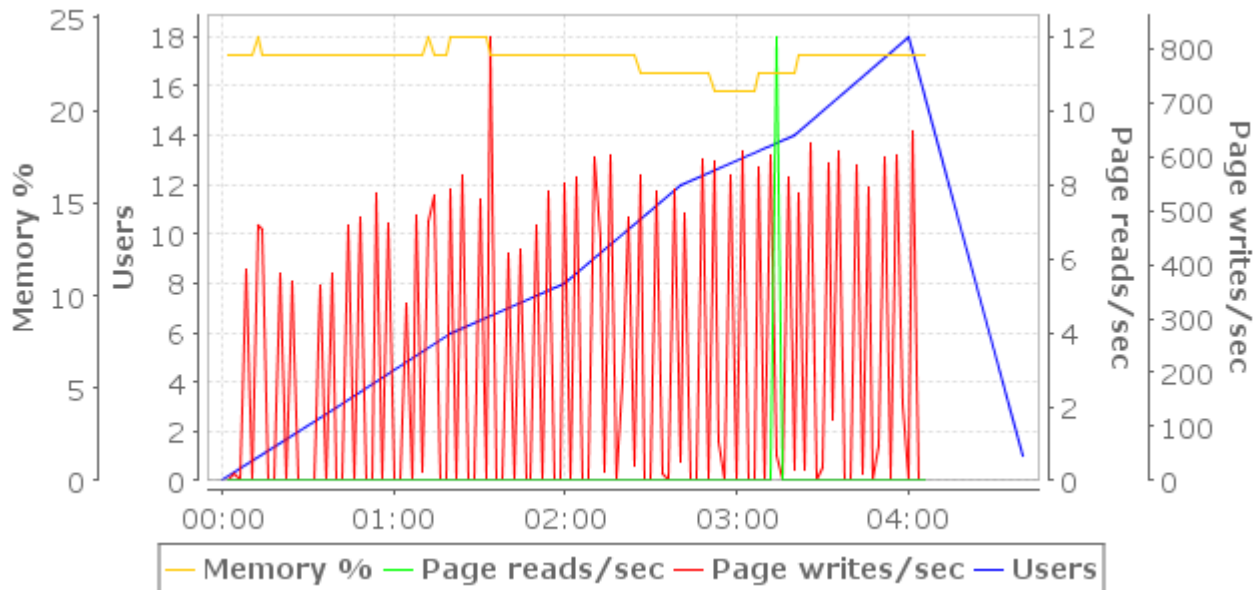
Server Processor Utilization chart for 192.168.1.224:

This section shows the key performance metrics related to CPU usage.



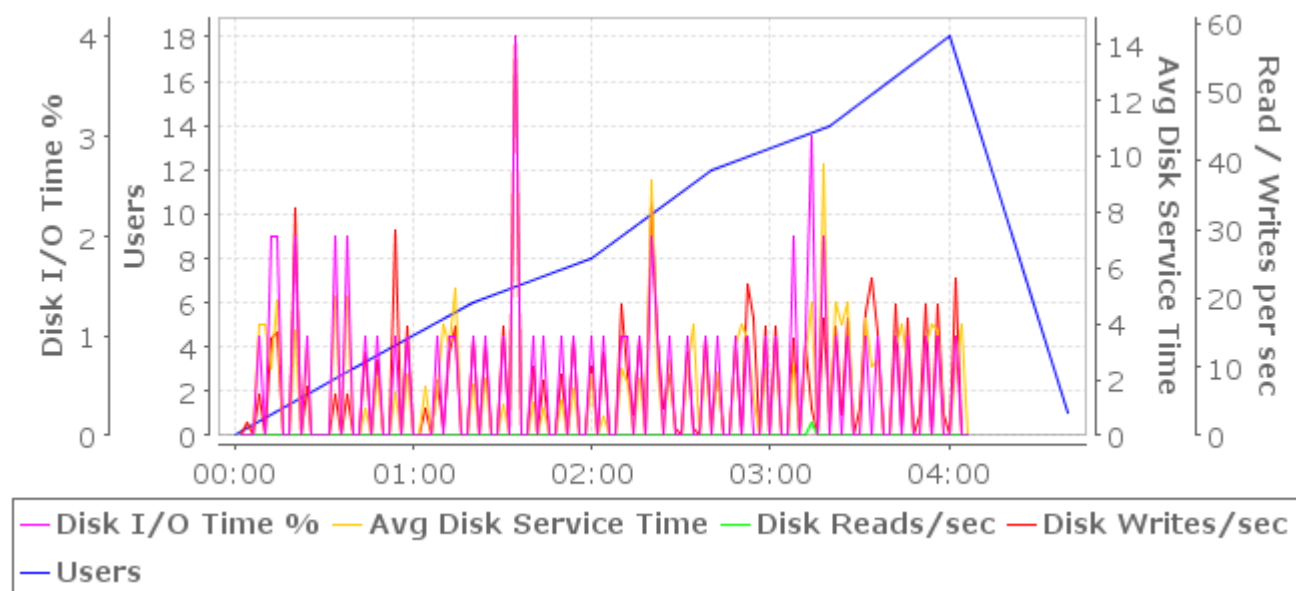
Server Memory Utilization chart for 192.168.1.224:

This section shows the key performance metrics related to Memory usage.



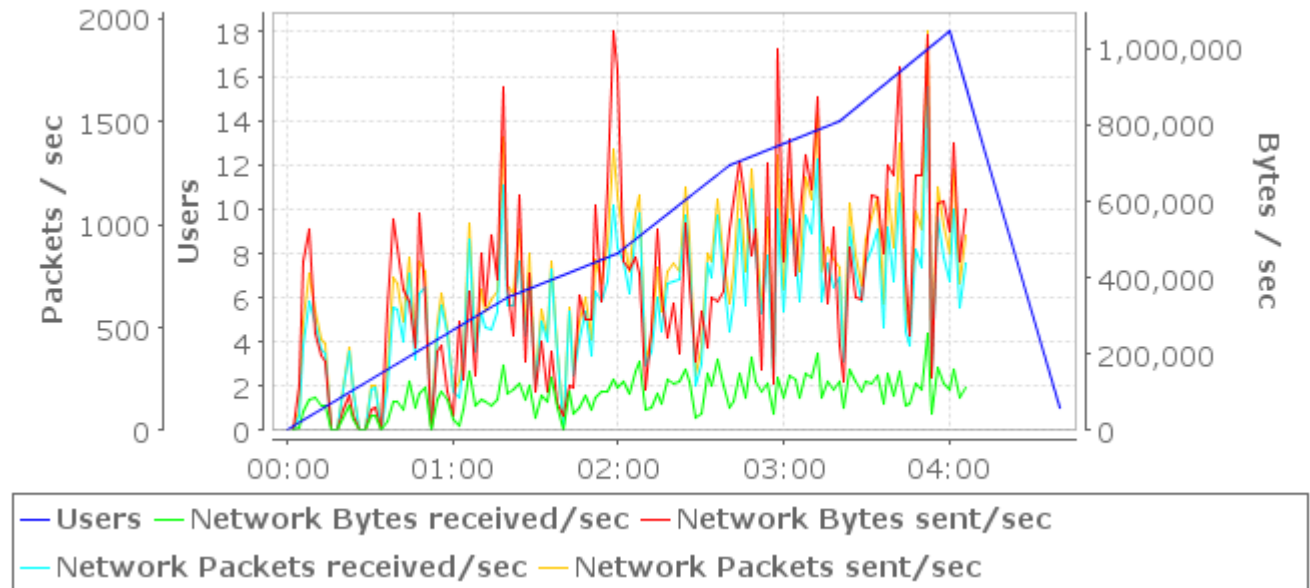
Server Disk Utilization chart for 192.168.1.224:

This section shows the key performance metrics related to Disk usage.



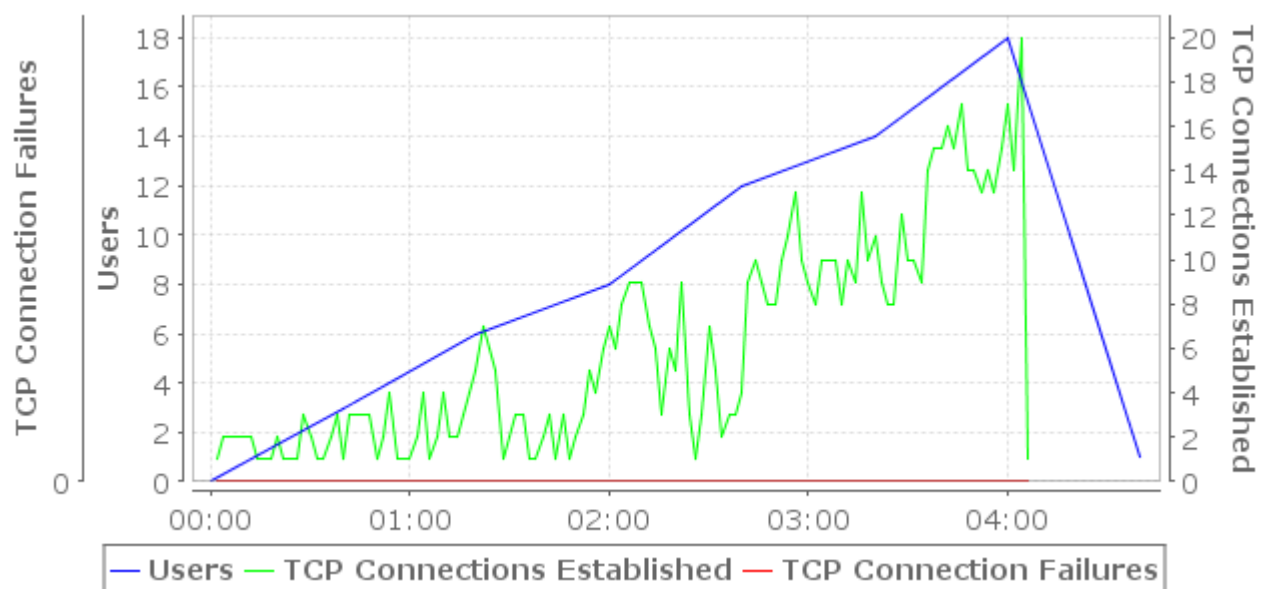
Server Network Bandwidth chart for 192.168.1.224:

This section shows the key performance metrics related to network bandwidth usage.



Server Network Connection chart for 192.168.1.224:

This section shows the key performance metrics related to network connections.



Server Network Error chart for 192.168.1.224:

This section shows the key performance metrics related to network errors.

