Network Oversight Report

Customer: Demo Customer 1

Start Date: 2011/03/01

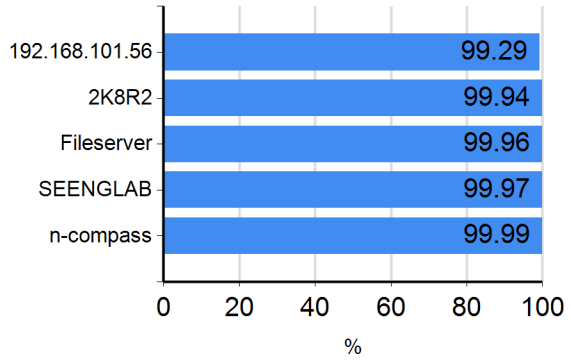
End Date: 2011/04/07

Device Class: Windows Server

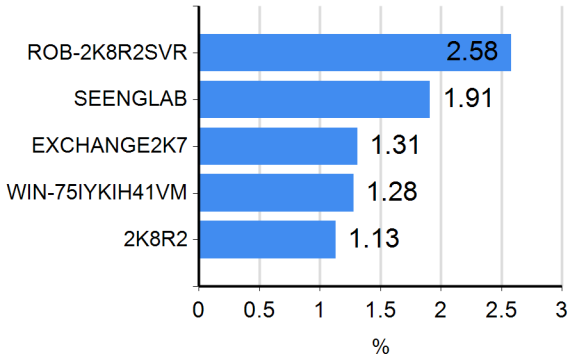
Health Summary

This summary provides the view into TOP 5 critical devices in several system health categories.

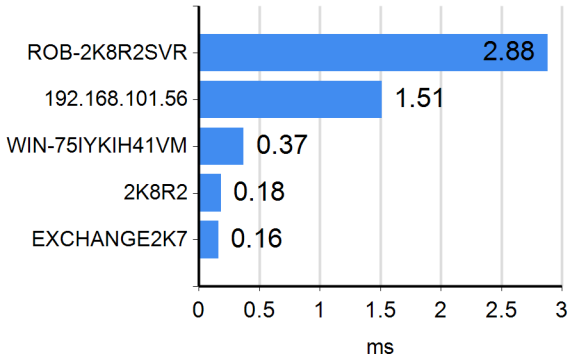
Connectivity



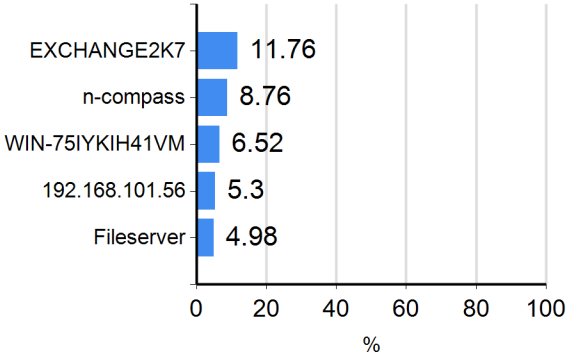
Packet Loss



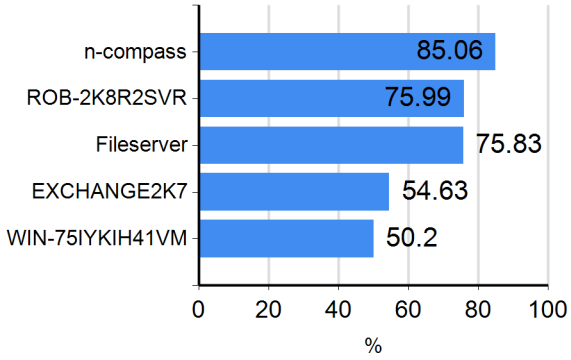
Response Time



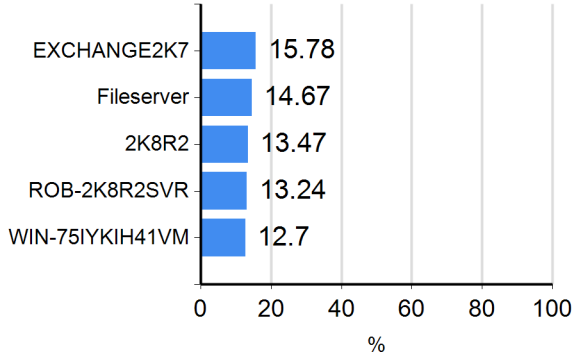
CPU Utilization



Memory Utilization



Swap Utilization



Current Disk Usage

Device	Volume	Capacity	Usage
EXCHANGE2K7	C:	40.00 GB	**99.97**%
ROB-2K8R2SVR	D:	1863.01 GB	**96.60**%
Fileserver	C:	40.00 GB	**83.60**%
n-compass	C:	233.75 GB	**70.37**%
WIN-75IYKIH41VM	C:	119.99 GB	**47.52**%

Service Availability

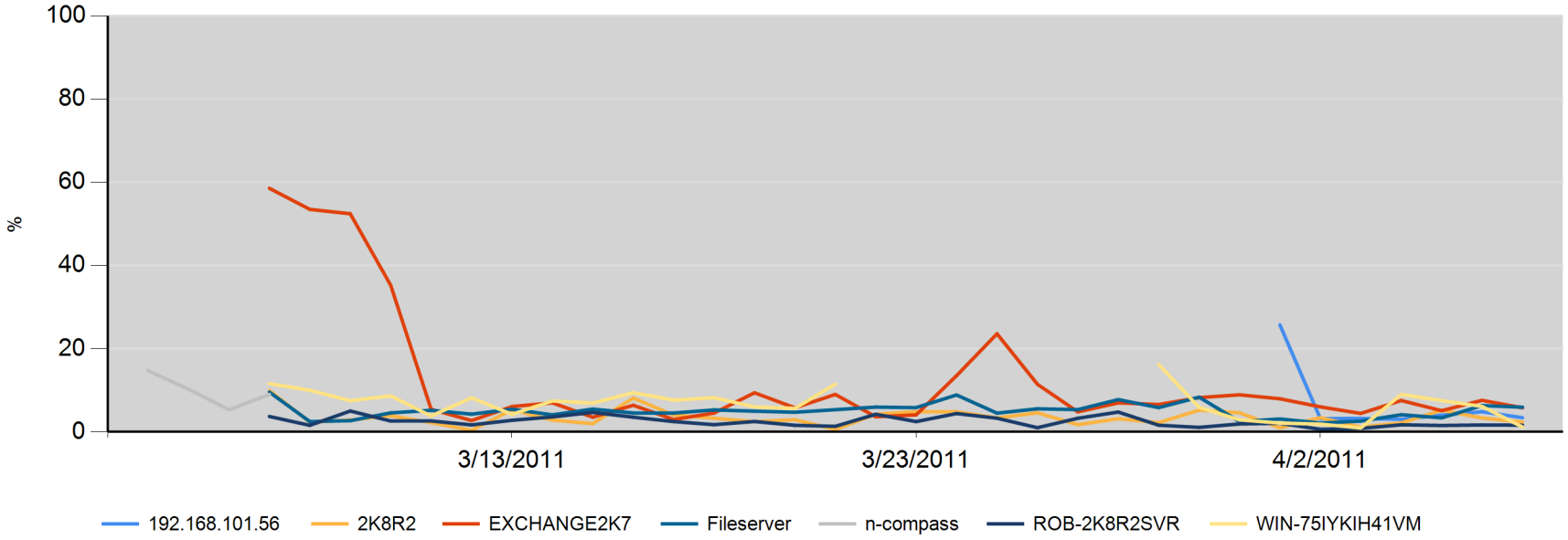
The Service Availability provides a basic understanding of the stability of the network and devices. It provides a quick view how available the network infrastructure was over the time frame of the report.

Device	Service	Availability (%)
192.168.101.56	**Average**	**96.01%**
	Agent Status	98.66%
	Connectivity	99.29%
	CPU	99.08%
2K8R2	**Average**	**99.32%**
	Agent Status	97.73%
	Connectivity	99.94%
	CPU	100.00%
EXCHANGE2K7	**Average**	**98.82%**
	Agent Status	98.25%
	Connectivity	100.00%
	CPU	99.44%
Fileserver	**Average**	**99.61%**
	Agent Status	98.06%
	Connectivity	99.96%
	CPU	99.77%

Device	Service	Availability (%)
n-compass	**Average**	**83.97%**
	Agent Status	8.79%
	Connectivity	99.99%
	CPU	99.97%
ROB-2K8R2SVR	**Average**	**99.71%**
	Agent Status	98.26%
	Connectivity	100.00%
	CPU	100.00%
SEENGLAB	**Average**	**51.23%**
	Agent Status	0.00%
	Connectivity	99.97%
WIN-75IYKIH41VM	**Average**	**92.52%**
	Agent Status	74.37%
	Connectivity	100.00%
	CPU	99.60%

CPU Usage

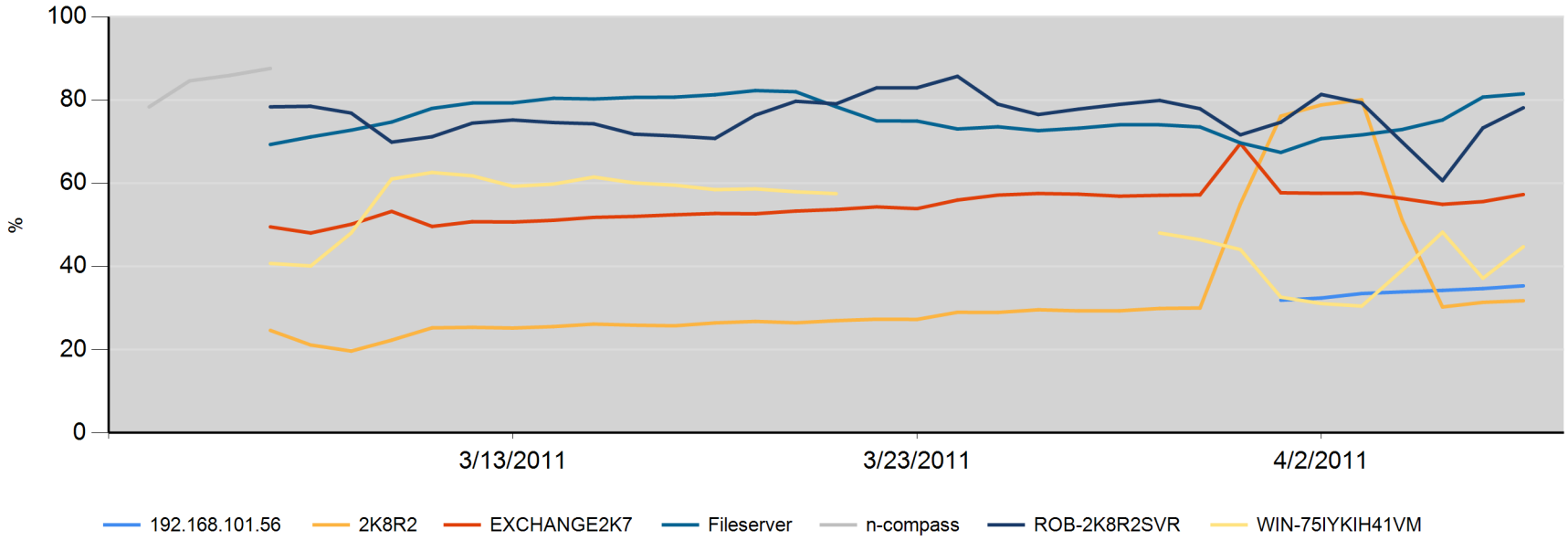
During business operating hours, if the average CPU Utilization is below 30%, the server is operating within acceptable parameters and the server is well matched to the tasks it is assigned. An average CPU Utilization of between 30% and 70% indicates that the machine is quite busy and performance may be impacted during peak operating times. Average CPU Utilization of over 70% indicates the machine is overtaxed on resources and requires an upgrade or reassignment of tasks.



Device Name	CPU	CPU Average Usage (%)		
		Lowest Hourly	Highest Hourly	Overall
EXCHANGE2K7	Intel(R) Xeon(R) CPU E5310 @ 1.60GHz	0.00	94.20	**11.76**
n-compass	Intel(R) Xeon(TM) CPU 2.40GHz	0.75	58.00	**8.76**
WIN-75IYKIH41VM	Intel(R) Xeon(R) CPU E5310 @ 1.60GHz	0.00	100.00	**6.52**
192.168.101.56	Intel(R) Xeon(R) CPU E5310 @ 1.60GHz	0.00	100.00	**5.30**
Fileserver	Intel(R) Xeon(R) CPU E5310 @ 1.60GHz	0.00	58.00	**4.98**
2K8R2	Intel(R) Xeon(R) CPU E5310 @ 1.60GHz	0.00	84.25	**3.37**
ROB-2K8R2SVR	Genuine Intel(R) CPU @ 2.40GHz	0.00	28.25	**2.50**

Physical Memory Usage

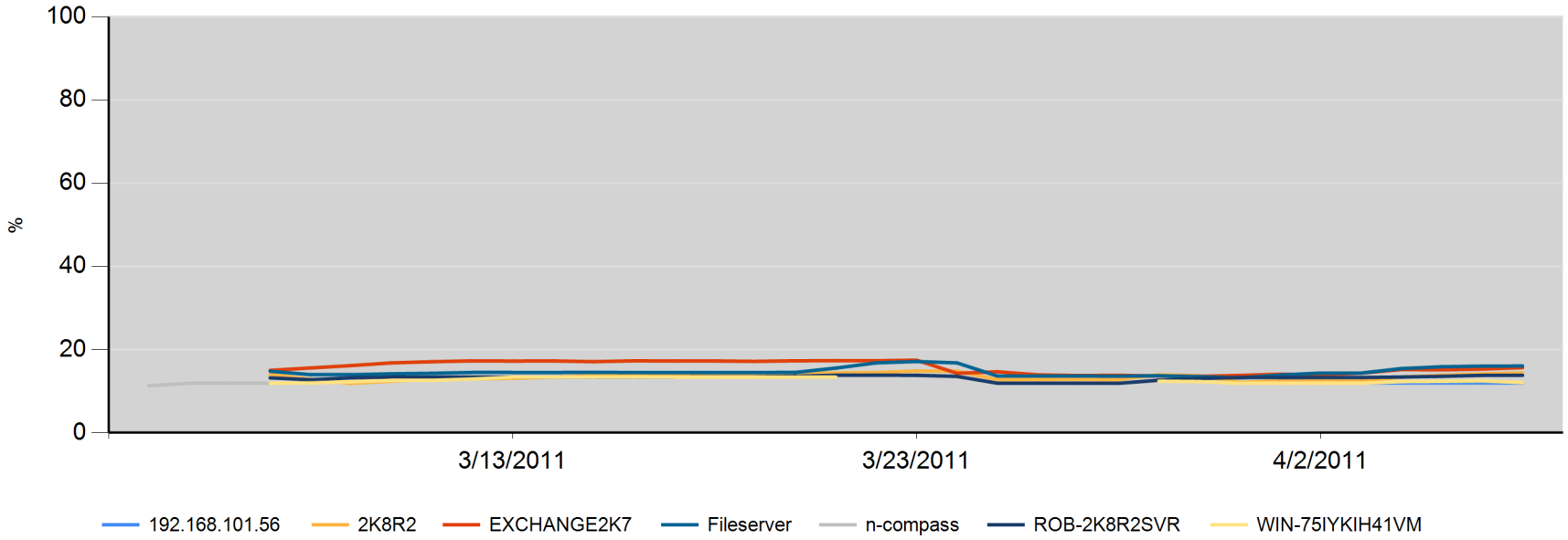
The high physical memory usage is not neccessary an indicator of poor performance. Some applications such as Microsoft Exchange Server and Microsoft SQL Server will use as much physical memory as is available, so when viewing Memory Utilization on these devices, Swap utilization is more indicative of issues. Overall, excessively high utilization of both physical memory and Swap indicates a need for memory upgrades in the servers.



		Memory Average Usage (%)		
Device Name	**Memory Size**	**Lowest Hourly**	**Highest Hourly**	**Overall**
n-compass	2047 MB	68.70	90.91	**85.06**
ROB-2K8R2SVR	2000 MB	53.58	95.31	**75.99**
Fileserver	2047 MB	60.23	93.67	**75.83**
EXCHANGE2K7	4095 MB	47.31	85.12	**54.63**
WIN-75IYKIH41VM	2047 MB	29.02	97.20	**50.20**
192.168.101.56	4096 MB	31.42	36.66	**33.81**
2K8R2	4096 MB	18.52	81.80	**33.62**

Swap Usage

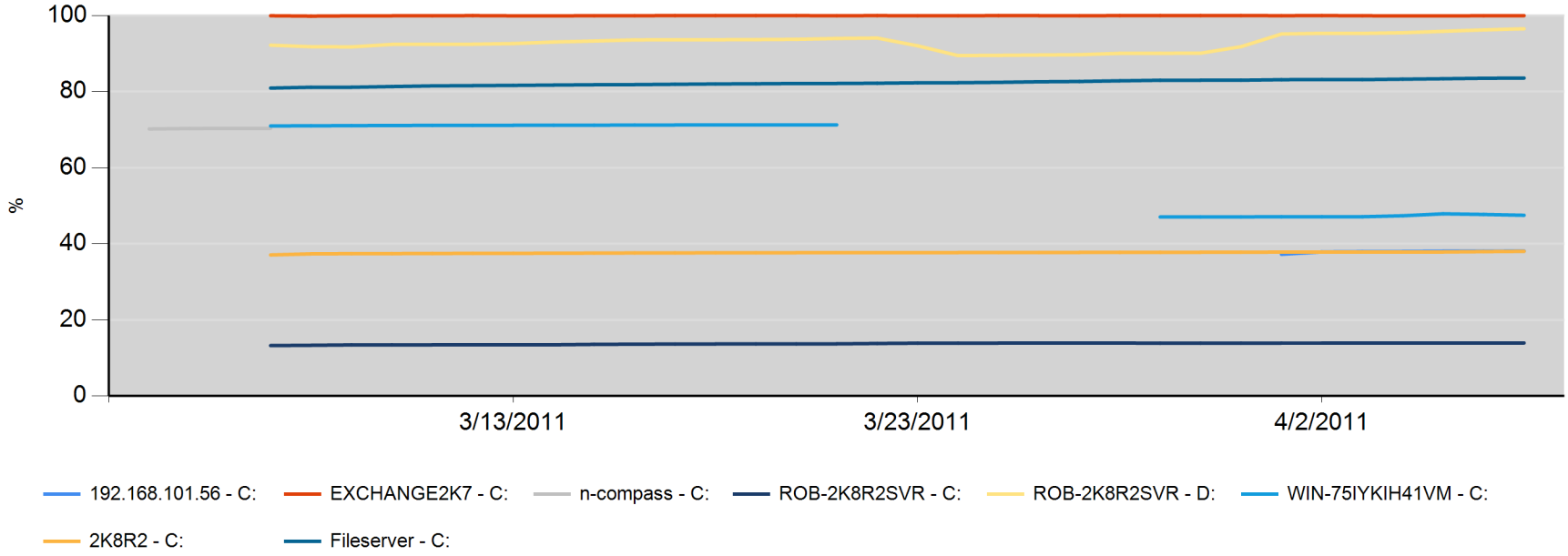
High swap utilization indicates the system being busy paging to swap and it can reach the state in which it is not able to keep up with demand. Excessively high utilization of swap indicates a need for memory upgrade.



		Swap Average Usage (%)		
Device Name	**Swap Size**	**Lowest Hourly**	**Highest Hourly**	**Overall**
EXCHANGE2K7	2050 MB	9.95	18.29	**15.78**
Fileserver	2049 MB	12.27	22.15	**14.67**
2K8R2	2058 MB	4.98	32.70	**13.47**
ROB-2K8R2SVR	2048 MB	11.23	20.79	**13.24**
WIN-75IYKIH41VM	2048 MB	10.25	13.45	**12.70**
192.168.101.56	2090 MB	11.49	23.88	**12.08**
n-compass	2048 MB	9.02	12.02	**11.89**

Disk Usage

The amount of disk space available varies widely from server to server, fileservers for home folders require more disk space available than DNS servers. However, disk space as a rule should not exceed 80% utilization on any volume.



			Disk Average Usage (%)		
Device Name	**Disk Volume**	**Disk Size**	**Lowest Hourly**	**Highest Hourly**	**Overall**
EXCHANGE2K7	C:	40.00 GB	99.71	100.00	**99.96**
ROB-2K8R2SVR	D:	1863.01 GB	89.44	96.60	**92.82**
Fileserver	C:	40.00 GB	79.70	83.60	**82.35**
n-compass	C:	233.75 GB	69.91	70.37	**70.32**
WIN-75IYKIH41VM	C:	119.99 GB	46.93	71.28	**61.76**
192.168.101.56	C:	39.90 GB	33.98	38.12	**37.95**
2K8R2	C:	59.90 GB	36.02	38.05	**37.68**
ROB-2K8R2SVR	C:	111.79 GB	13.25	13.96	**13.75**

Backup Summary

Result	Count	Percentage
Number of successful backups:	1	100.00 %
Total	**1**	**100%**

Backup Details

Job: Backup_1
Job Type: Critical_Files
Device: n-compass

Start Time	End Time	Status	# Files Processed	# of Directories Processed	# Files Skipped	# Corrupted Files	# Files In Use	Bytes Processed
Apr 01, 2011 02:10:00	Apr 01, 2011 03:10:00	Success	1	1	1	1	56	3 MB