

REPORT MANAGER

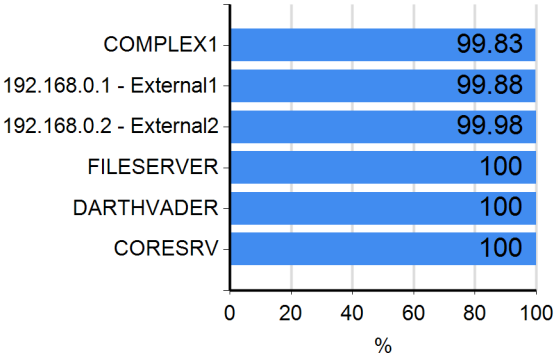
Network Oversight Report

| | |
|--------------------------|---|
| Customer: | Complex Inc. |
| Report Date: | Sep 09, 2011 - Sep 15, 2011 |
| Device Class(es): | Switch/Router |
| Rule(s): | Complex Inc. Devices |
| Device(s): | COMPLEX1 CORESRV FILESERVER |
| Service(s): | Backup Exec Connectivity CPU Disk Memory Windows Event Log |

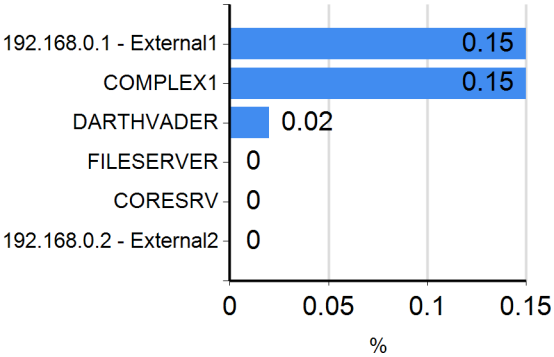
Health Summary

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

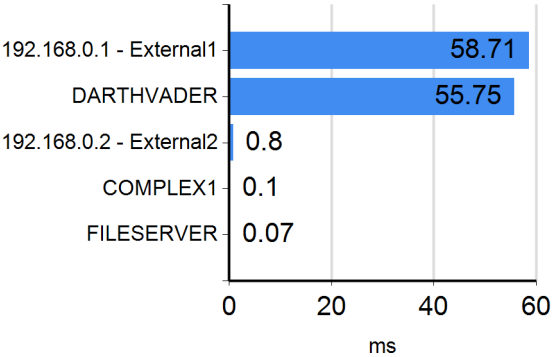
Connectivity



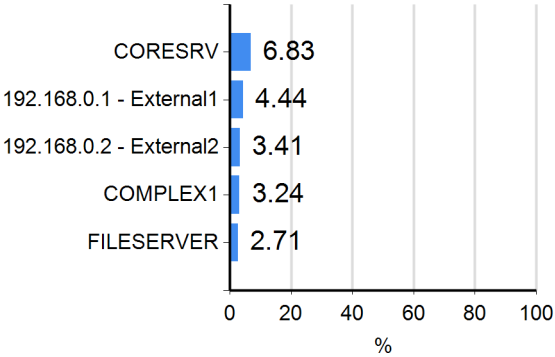
Packet Loss



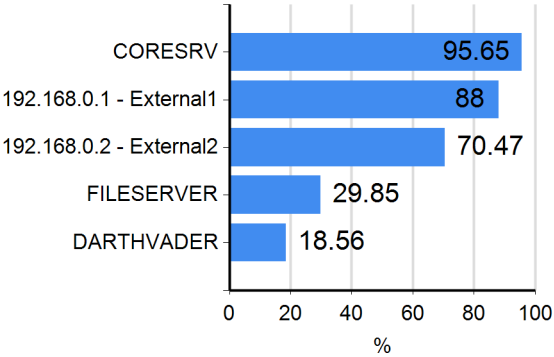
Response Time



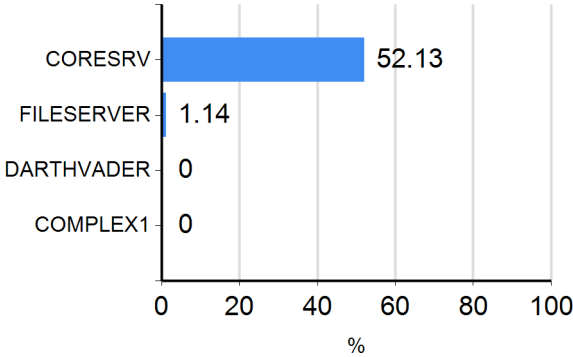
CPU Utilization



Memory Utilization



Swap Utilization

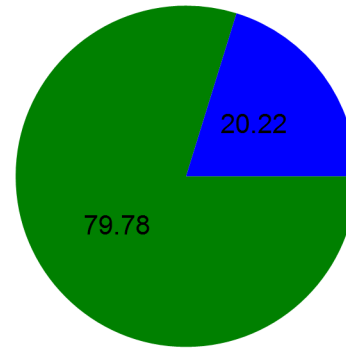


Current Disk Usage

| Device | Volume | Capacity | Usage |
|------------|--------|------------|--------|
| CORESRV | D: | 800.00 GB | 68.01% |
| CORESRV | C: | 199.90 GB | 41.02% |
| COMPLEX1 | C: | 99.90 GB | 38.58% |
| FILESERVER | C: | 596.08 GB | 5.37% |
| DARTHVADER | C: | 1862.92 GB | 5.22% |

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.



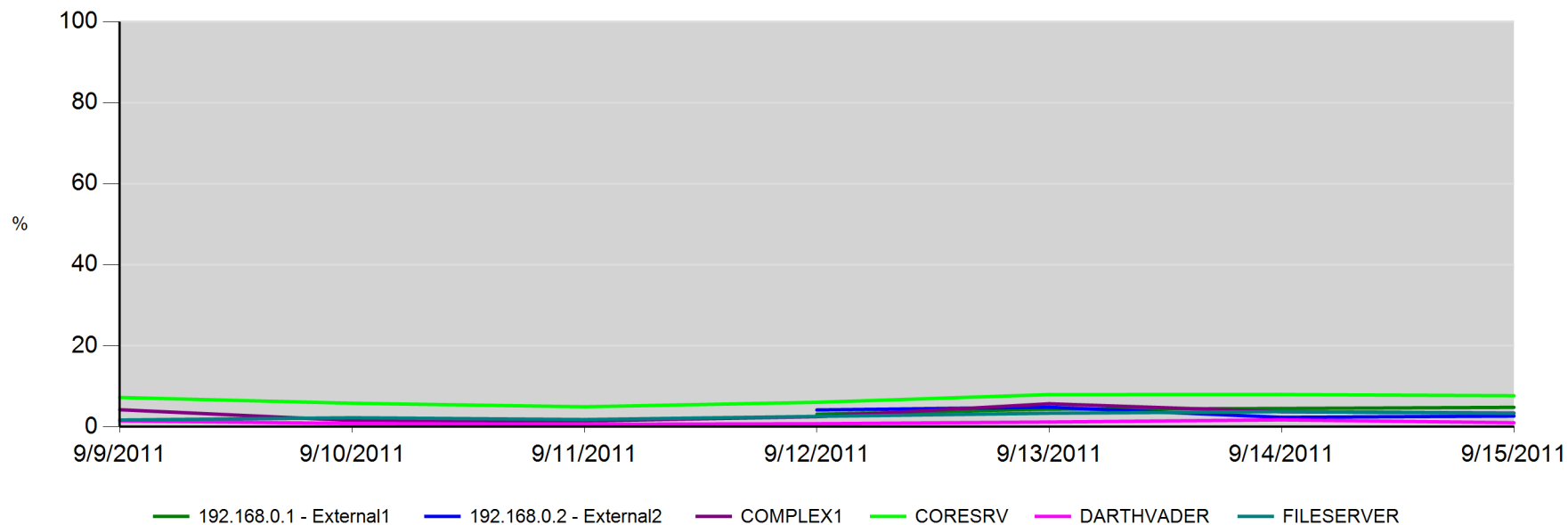
■ Available (%)
 ■ Unavailable (%)

| Device | Service | Availability (%) |
|-------------------------|----------------|------------------|
| 192.168.0.1 - External1 | Average | 99.88% |
| | Connectivity | 99.88% |
| 192.168.0.2 - External2 | Average | 99.98% |
| | Connectivity | 99.98% |
| COMPLEX1 | Average | 99.98% |
| | Connectivity | 99.83% |
| | CPU | 100.00% |
| | Disk | 100.00% |
| | Memory | 100.00% |
| CORESRV | Average | 99.91% |
| | Connectivity | 100.00% |
| | CPU | 99.83% |
| | Disk | 100.00% |
| | Memory | 99.93% |
| DARTHVADER | Average | 100.00% |
| | Connectivity | 100.00% |
| | CPU | 100.00% |
| | Disk | 100.00% |

| Device | Service | Availability (%) |
|------------|----------------|------------------|
| | Memory | 100.00% |
| FILESERVER | Average | 51.02% |
| | Backup Exec | 31.43% |
| | Connectivity | 100.00% |
| | CPU | 100.00% |
| | Disk | 100.00% |
| | Memory | 100.00% |

CPU Usage

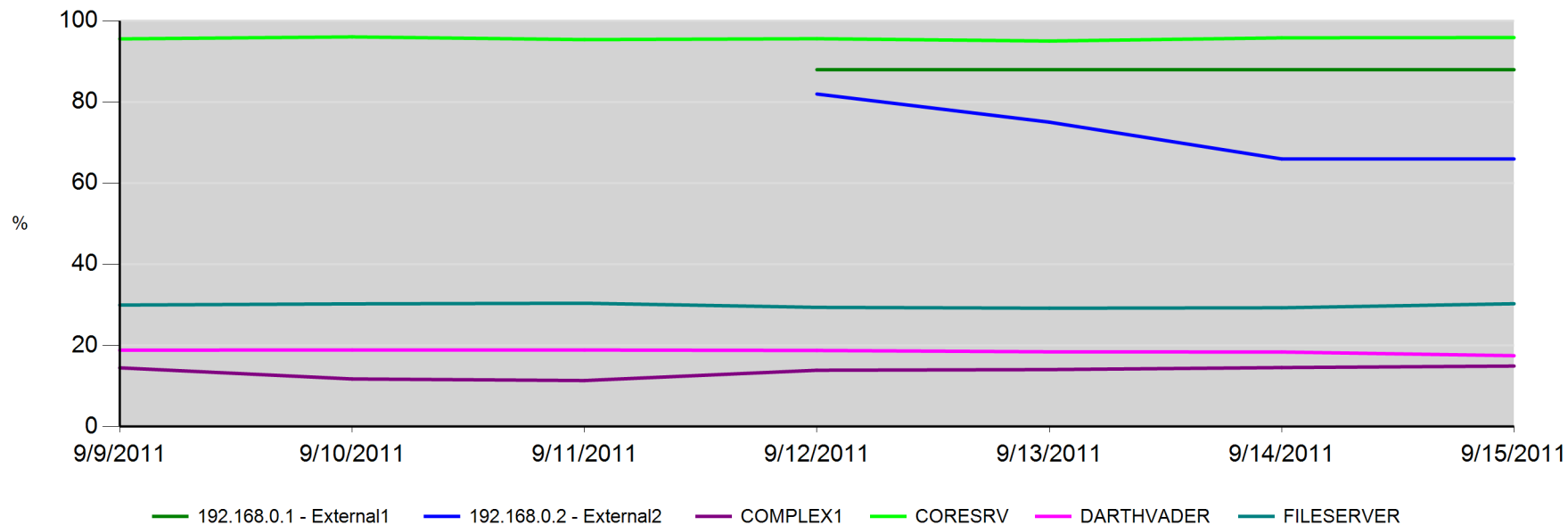
During business operating hours, if the average CPU utilization is below 30%, the server is operating within acceptable parameters and the server is well matched to the tasks it is assigned. An average CPU utilization of between 30% and 70% indicates that the machine is quite busy and performance may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



| Device Name | CPU Average Usage (%) | | |
|-------------------------|-----------------------|----------------|---------|
| | Lowest Hourly | Highest Hourly | Overall |
| CORESRV | 0.00 | 42.91 | 6.83 |
| 192.168.0.1 - External1 | 1.08 | 21.67 | 4.44 |
| 192.168.0.2 - External2 | 1.00 | 16.31 | 3.41 |
| COMPLEX1 | 0.00 | 38.00 | 3.24 |
| FILESERVER | 0.00 | 24.92 | 2.71 |
| DARTHVADER | 0.00 | 15.83 | 1.11 |

Physical Memory Usage

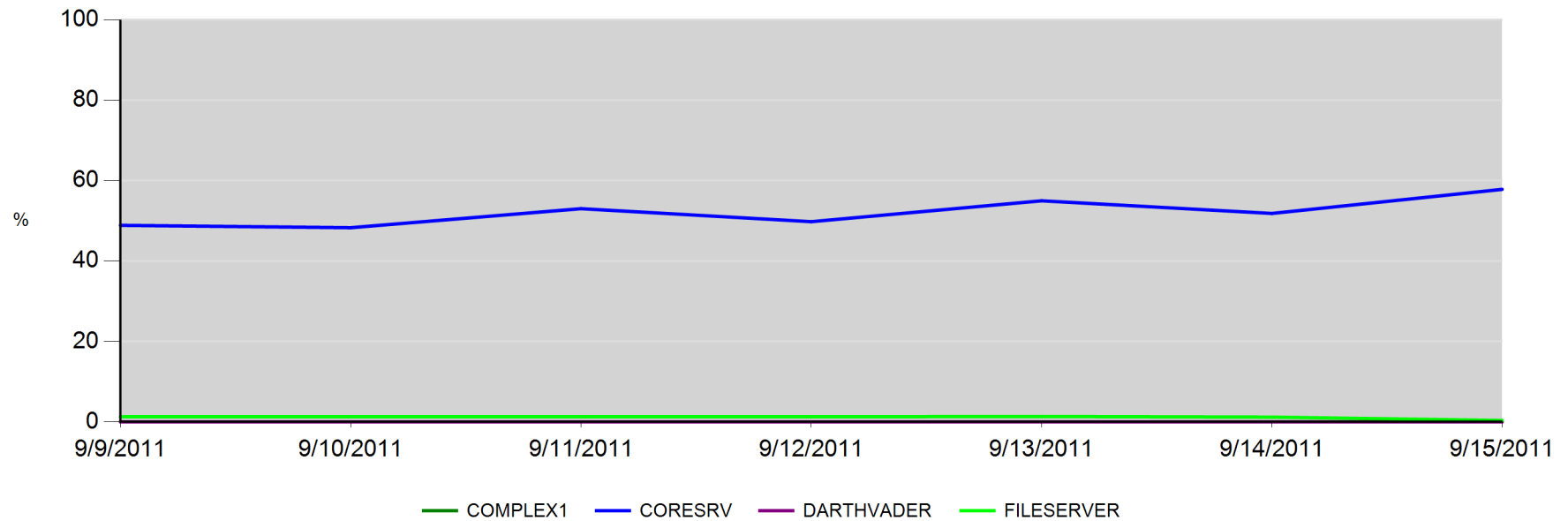
High physical memory usage is not necessarily an indicator of poor performance. Some applications, such as Microsoft Exchange Server and Microsoft SQL Server, will use as much physical memory as is available. When viewing memory utilization on these devices, virtual memory utilization is more indicative of issues. Overall, excessively high utilization of both physical & virtual memory indicates a need for memory to be added to the system.



| Device Name | Memory Size | Physical Memory Average Usage (%) | | |
|-------------------------|-------------|-----------------------------------|----------------|---------|
| | | Lowest Hourly | Highest Hourly | Overall |
| CORESRV | 12288 MB | 88.87 | 98.24 | 95.65 |
| 192.168.0.1 - External1 | 0 MB | 88.00 | 88.00 | 88.00 |
| 192.168.0.2 - External2 | 0 MB | 66.00 | 82.36 | 70.47 |
| FILESERVER | 12279 MB | 28.34 | 32.55 | 29.85 |
| DARTHVADER | 12279 MB | 17.41 | 19.68 | 18.56 |
| COMPLEX1 | 12288 MB | 10.65 | 17.89 | 13.60 |

Virtual Memory Usage

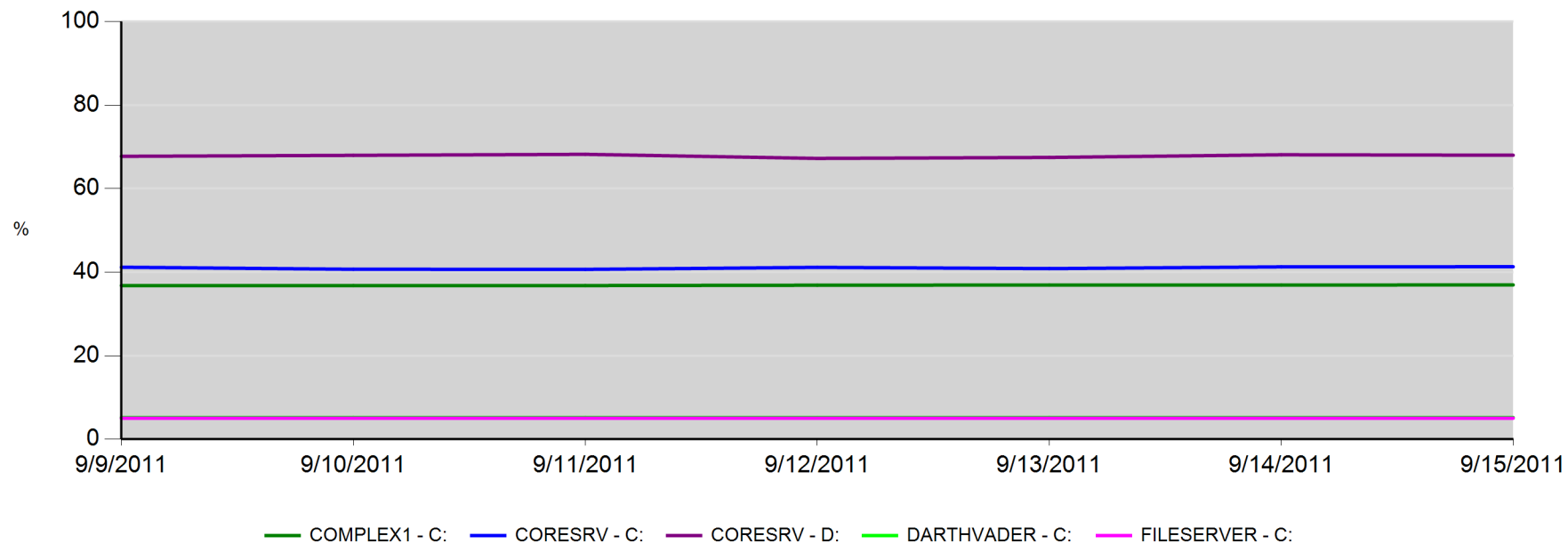
High virtual memory utilization indicates that the system is busy paging to swap and it can reach the state in which it is not able to keep up with demand. Excessively high utilization of virtual memory indicates a need for memory upgrade.



| Device Name | Memory Size | Virtual Memory Average Usage (%) | | |
|-------------|-------------|----------------------------------|----------------|---------|
| | | Lowest Hourly | Highest Hourly | Overall |
| CORESRV | 12287 MB | 43.47 | 68.39 | 52.13 |
| FILESERVER | 12279 MB | 0.13 | 1.36 | 1.14 |
| COMPLEX1 | 12287 MB | 0.00 | 0.00 | 0.00 |
| DARTHVADER | 12279 MB | 0.00 | 0.00 | 0.00 |

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.



| Device Name | Disk Volume | Disk Size | Disk Average Usage (%) | | |
|-------------|-------------|------------|------------------------|----------------|--------------|
| | | | Lowest Hourly | Highest Hourly | Overall |
| CORESRV | D: | 800.00 GB | 66.62 | 68.46 | 67.80 |
| CORESRV | C: | 199.90 GB | 40.25 | 41.80 | 41.01 |
| COMPLEX1 | C: | 99.90 GB | 36.77 | 39.02 | 36.85 |
| DARTHVADER | C: | 1862.92 GB | 5.08 | 5.22 | 5.20 |
| FILESERVER | C: | 596.08 GB | 5.01 | 5.47 | 5.03 |

Backup Summary

| Result | Count | Percentage |
|-------------------------------|-----------|-------------|
| Number of successful backups: | 17 | 54.84 % |
| Number of failed backups: | 14 | 45.16 % |
| Total | 31 | 100% |

Details

Job: BlackBerry Server-Backup to Disk Policy-Daily Incremental B2D
Job Type: Backup
Device: FILESERVER

| Start Time | End Time | Status | # Files Processed | # of Directories Processed | # Files Skipped | # Corrupted Files | # Files In Use | Bytes Processed |
|--|-----------------------|---------|-------------------|----------------------------|-----------------|-------------------|----------------|-----------------|
| Sep 09, 2011 23:00:01 | Sep 09, 2011 23:00:01 | Failed | -- | -- | -- | -- | -- | -- |
| Job terminated with an error. Physical Volume Library Drive not available. | | | | | | | | |
| Sep 12, 2011 23:00:02 | Sep 12, 2011 23:37:18 | Success | 16,350 | 6,033 | -- | -- | -- | 9 GB |
| Job terminated with success. | | | | | | | | |
| Sep 13, 2011 23:00:04 | Sep 13, 2011 23:48:48 | Success | 15,962 | 6,035 | -- | -- | -- | 9 GB |
| Job terminated with success. | | | | | | | | |
| Sep 14, 2011 23:00:04 | Sep 14, 2011 23:57:43 | Success | 16,441 | 6,037 | -- | -- | -- | 9 GB |
| Job terminated with success. | | | | | | | | |
| Sep 15, 2011 23:00:04 | Sep 15, 2011 23:38:42 | Success | 15,968 | 6,039 | -- | -- | -- | 9 GB |
| Job terminated with success. | | | | | | | | |

Job: BlackBerry Server-Backup to Disk Policy-Weekly Full B2D
Job Type: Backup
Device: FILESERVER

| Start Time | End Time | Status | # Files Processed | # of Directories Processed | # Files Skipped | # Corrupted Files | # Files In Use | Bytes Processed |
|--|-----------------------|--------|-------------------|----------------------------|-----------------|-------------------|----------------|-----------------|
| Sep 10, 2011 23:00:02 | Sep 10, 2011 23:00:03 | Failed | -- | -- | -- | -- | -- | -- |
| Job terminated with an error. Physical Volume Library Drive not available. | | | | | | | | |

Job: Exchange Server-Backup to Disk Policy-Daily Incremental B2D
Job Type: Backup
Device: FILESERVER

| Start Time | End Time | Status | # Files Processed | # of Directories Processed | # Files Skipped | # Corrupted Files | # Files In Use | Bytes Processed |
|---|-----------------------|---------|-------------------|----------------------------|-----------------|-------------------|----------------|-----------------|
| Sep 09, 2011 23:00:01 | Sep 09, 2011 23:00:01 | Failed | -- | -- | -- | -- | -- | -- |
| Job terminated with an error. Physical Volume Library Drive not available. | | | | | | | | |
| Sep 12, 2011 23:00:02 | Sep 13, 2011 01:35:34 | Success | -- | 2 | -- | -- | -- | 50 GB |
| Job terminated with success. | | | | | | | | |
| Sep 13, 2011 23:00:04 | Sep 14, 2011 13:56:44 | Failed | -- | -- | -- | -- | -- | 6 GB |
| Job terminated due to cancellation. | | | | | | | | |
| Sep 14, 2011 13:57:16 | Sep 14, 2011 13:58:43 | Failed | -- | -- | -- | -- | -- | 117 MB |
| Job terminated due to cancellation. | | | | | | | | |
| Sep 14, 2011 23:00:04 | Sep 15, 2011 02:23:52 | Success | -- | 2 | -- | -- | -- | 50 GB |
| Job terminated with success. | | | | | | | | |
| Sep 15, 2011 23:00:04 | Sep 16, 2011 01:18:24 | Failed | -- | -- | -- | -- | -- | 50 GB |
| Job terminated with an error. Before you can back up this resource, you must purchase and install a license key for the appropriate Backup Exec agent. See Job Log for details. | | | | | | | | |

Job: Exchange Server-Backup to Disk Policy-Weekly Full B2D
Job Type: Backup
Device: FILESERVER

| Start Time | End Time | Status | # Files Processed | # of Directories Processed | # Files Skipped | # Corrupted Files | # Files In Use | Bytes Processed |
|--|-----------------------|--------|-------------------|----------------------------|-----------------|-------------------|----------------|-----------------|
| Sep 10, 2011 23:00:02 | Sep 10, 2011 23:00:03 | Failed | -- | -- | -- | -- | -- | -- |
| Job terminated with an error. Physical Volume Library Drive not available. | | | | | | | | |

Job: FILESERVER Files-Daily Incremental B2D
Job Type: Backup
Device: FILESERVER

| Start Time | End Time | Status | # Files Processed | # of Directories Processed | # Files Skipped | # Corrupted Files | # Files In Use | Bytes Processed |
|--|-----------------------|---------|-------------------|----------------------------|-----------------|-------------------|----------------|-----------------|
| Sep 09, 2011 23:00:01 | Sep 09, 2011 23:00:01 | Failed | -- | -- | -- | -- | -- | -- |
| Job terminated with an error. Physical Volume Library Drive not available. | | | | | | | | |
| Sep 12, 2011 23:00:02 | Sep 13, 2011 00:27:34 | Success | 24,507 | 48,630 | -- | -- | -- | 23 GB |
| Job terminated with success. | | | | | | | | |
| Sep 13, 2011 23:00:04 | Sep 14, 2011 00:35:01 | Success | 19,586 | 48,647 | -- | -- | -- | 21 GB |
| Job terminated with success. | | | | | | | | |
| Sep 14, 2011 23:00:04 | Sep 15, 2011 00:45:08 | Success | 19,680 | 48,674 | -- | -- | -- | 21 GB |
| Job terminated with success. | | | | | | | | |
| Sep 15, 2011 23:00:04 | Sep 15, 2011 23:40:58 | Failed | 3,336 | 48,694 | -- | -- | -- | 12 GB |
| Job terminated with an error. Insufficient disk space. | | | | | | | | |

Job: FILESERVER-Backup to Disk-Daily Incremental B2D
Job Type: Backup
Device: FILESERVER

| Start Time | End Time | Status | # Files Processed | # of Directories Processed | # Files Skipped | # Corrupted Files | # Files In Use | Bytes Processed |
|--|-----------------------|---------|-------------------|----------------------------|-----------------|-------------------|----------------|-----------------|
| Sep 09, 2011 23:00:01 | Sep 09, 2011 23:16:33 | Failed | -- | -- | -- | -- | -- | -- |
| Job terminated with an error. Physical Volume Library Drive not available. | | | | | | | | |
| Sep 12, 2011 23:00:02 | Sep 12, 2011 23:42:21 | Success | 171 | 8 | -- | -- | -- | 3 GB |
| Job terminated with success. | | | | | | | | |
| Sep 13, 2011 23:00:04 | Sep 13, 2011 23:49:01 | Success | 267 | 8 | -- | -- | -- | 3 GB |
| Job terminated with success. | | | | | | | | |
| Sep 14, 2011 23:00:04 | Sep 14, 2011 23:57:34 | Success | 179 | 8 | -- | -- | -- | 3 GB |
| Job terminated with success. | | | | | | | | |
| Sep 15, 2011 23:00:04 | Sep 15, 2011 23:40:06 | Success | 187 | 8 | -- | -- | -- | 3 GB |
| Job terminated with success. | | | | | | | | |

Job: FILESERVER-Backup to Disk-Weekly Full B2D
Job Type: Backup
Device: FILESERVER

| Start Time | End Time | Status | # Files Processed | # of Directories Processed | # Files Skipped | # Corrupted Files | # Files In Use | Bytes Processed |
|--|-----------------------|--------|-------------------|----------------------------|-----------------|-------------------|----------------|-----------------|
| Sep 10, 2011 23:00:02 | Sep 10, 2011 23:00:03 | Failed | -- | -- | -- | -- | -- | -- |
| Job terminated with an error. Physical Volume Library Drive not available. | | | | | | | | |
| Sep 10, 2011 23:00:02 | Sep 10, 2011 23:17:04 | Failed | -- | -- | -- | -- | -- | -- |
| Job terminated with an error. Physical Volume Library Drive not available. | | | | | | | | |

Job: SPS Files-Backup to Disk-Weekly Full B2D
Job Type: Backup
Device: FILESERVER

| Start Time | End Time | Status | # Files Processed | # of Directories Processed | # Files Skipped | # Corrupted Files | # Files In Use | Bytes Processed |
|--|-----------------------|--------|-------------------|----------------------------|-----------------|-------------------|----------------|-----------------|
| Sep 10, 2011 23:00:02 | Sep 10, 2011 23:00:03 | Failed | -- | -- | -- | -- | -- | -- |
| Job terminated with an error. Physical Volume Library Drive not available. | | | | | | | | |

Job: SPS-Backup to Disk-Daily Incremental B2D
Job Type: Backup
Device: FILESERVER

| Start Time | End Time | Status | # Files Processed | # of Directories Processed | # Files Skipped | # Corrupted Files | # Files In Use | Bytes Processed |
|--|-----------------------|---------|-------------------|----------------------------|-----------------|-------------------|----------------|-----------------|
| Sep 09, 2011 23:00:01 | Sep 09, 2011 23:00:01 | Failed | -- | -- | -- | -- | -- | -- |
| Job terminated with an error. Physical Volume Library Drive not available. | | | | | | | | |
| Sep 12, 2011 23:00:02 | Sep 12, 2011 23:38:00 | Success | 17,311 | 5,870 | -- | -- | -- | 8 GB |
| Job terminated with success. | | | | | | | | |
| Sep 13, 2011 23:00:04 | Sep 13, 2011 23:45:46 | Success | 16,977 | 5,860 | -- | -- | -- | 7 GB |
| Job terminated with success. | | | | | | | | |
| Sep 14, 2011 23:00:04 | Sep 14, 2011 23:46:42 | Success | 17,873 | 5,873 | -- | -- | -- | 8 GB |
| Job terminated with success. | | | | | | | | |
| Sep 15, 2011 23:00:04 | Sep 15, 2011 23:36:02 | Success | 17,163 | 6,054 | -- | -- | -- | 7 GB |
| Job terminated with success. | | | | | | | | |