

RESOURCES MONITORING

Support Automation service

Round-the-clock Monitoring to optimize resource utilization



- ✓ Processor Statistics
- ✓ Memory Statistics
- ✓ Physical Disk Statistics
- ✓ Logical Disk Statistics
- ✓ Network Statistics

REAL-TIME MONITORING OF SYSTEM RESOURCES

The HandsFree Networks Resource Monitoring service ensures that all resources of a desktop are monitored real-time to ensure effective working of the systems. Round-the-clock monitoring helps you keep the resources under control and increases the processor speed. The resources that are monitored are processor utilization, memory utilization, paging performance, disk capacity, disk performance and network utilization

Advantages

- Ensured system performance with automated disk clean-up e.g. when disk space reaches 95% files get cleaned automatically.
- Detailed information on the real time utilization of disk space is provided,
- Automated reports are generated for memory utilization to alert the user about potential memory shortage conditions.
- Network utilization can be controlled to benefit all users in a network.

KEEP A CHECK ON YOUR SYSTEM'S PROCESSOR UTILIZATION

HandsFree Networks resources monitoring service provides a configurable way to monitor the processor utilization and report it to the user. Processor utilization over a sampling period is continuously monitored and reported when the threshold is reached. The threshold can be pre-configured according to the user's requirements and can be optimized for a better performance.

Advantages

- Automatically alerts the user about a system with an under-powered processor given the application mix run by the end user or a potentially problematic application.
- Enhanced system performance with faster processing time is ensured.

Site Name	User Name	Logical Disk Name	Logical Disk Kbytes total	Logical Disk Kbytes used	Logical Disk Kbytes free	Logical Disk Percentage used	Logical Disk Percentage free	Logical Disk File System	Logical Disk Volume/SerialNumber	
internet	devsite	1 C:	1 78140128	1 29174612	1 48965516	1 38	1 62	1 NTFS	1 F4FC4A6D	
		2 D:	2 78140128	2 6010372	2 72129756	2 8	2 92	2 NTFS	2 6E9A1553	
pdg-1	devsite	1 C:	1 30716276	1 8720252	1 21996024	1 29	1 71	1 NTFS	1 5A85B9D0	
		2 D:	2 30724280	2 3919676	2 26804604	2 13	2 87	2 NTFS	2 400F4312	
		3 E:	3 30724280	3 10424148	3 20300132	3 34	3 66	3 NTFS	3 509732FB	
		4 F:	4 30724280	4 4076988	4 24647292	4 20	4 80	4 NTFS	4 44EC5E4F	
		5 G:	5 33318776	5 67712	5 33251064	5 1	5 99	5 NTFS	5 CB8E3E06	
pdg-2	devsite	1 C:	1 30716276	1 7901120	1 22815156	1 26	1 74	1 NTFS	1 242E6007	
		2 D:	2 30724280	2 134628	2 30589652	2 1	2 99	2 NTFS	2 C64826C9	
		3 E:	3 94767400	3 2674532	3 92092868	3 3	3 97	3 NTFS	3 000A6624	
pdg-3	devsite	1 C:	1 40957684	1 8572208	1 35385476	1 14	1 86	1 NTFS	1 00E892DC	
		2 D:	2 81923432	2 1385276	2 80538156	2 2	2 98	2 NTFS	2 082A5286	
		3 E:	3 33358940	3 75972	3 33282968	3 1	3 99	3 NTFS	3 20FE6675	
pdg-4	devsite	1 C:	1 20482840	1 17910200	1 2572640	1 88	1 12	1 NTFS	1 302605EB	
		2 D:	2 40957684	2 27350996	2 13606688	2 47	2 53	2 NTFS	2 9078458B	
		3 E:	3 40957684	3 19552276	3 21405408	3 48	3 52	3 NTFS	3 A4950602	
pdg-4test-1	devsite	HandsFree	C:	39118844	18519700	20599144	48	52	NTFS	08C4893A
smg-1	devsite	1 C:	1 30716276	1 7591140	1 23125136	1 25	1 75	1 NTFS	1 F46FB007	
		2 D:	2 30709264	2 3471152	2 27238112	2 12	2 88	2 FAT32	2 66DBE029	
		3 E:	3 30724280	3 528344	3 30185036	3 2	3 98	3 NTFS	3 D0D90325	
		4 F:	4 30709264	4 1552	4 30707712	4 1	4 99	4 FAT32	4 F66718E1	
		5 G:	5 33302496	5 1616	5 33300880	5 1	5 99	5 FAT32	5 3E2CA8C8	
smg-2	devsite	1 C:	1 30716276	1 7676980	1 23039296	1 25	1 75	1 NTFS	1 FCAB1E0E	
		2 D:	2 30709264	2 3510768	2 27198496	2 12	2 88	2 FAT32	2 66E1D0D5	
		3 E:	3 30709264	3 2396144	3 28313120	3 8	3 92	3 FAT32	3 AEAB9572	
		4 F:	4 30724280	4 88288	4 30635992	4 1	4 99	4 NTFS	4 94759E55	
		5 G:	5 33318776	5 2231904	5 31088872	5 7	5 93	5 NTFS	5 F4F450F3	
tsq-2	devsite	Vinanth								

ENSURE BETTER MEMORY UTILIZATION AND PAGING PERFORMANCE

HandsFree Networks provides reporting thresholds for page reads per second and the three types of memory monitored by the DART can be used to alert the user about potential memory shortage conditions. The memory utilization reports the parameters mentioned below

- Number of page reads per second above which to report
- Percentage of free swap space below which to report
- Percentage of free virtual memory below which to report
- Percentage of free physical memory below which to report

PREVENT CRIPPLING OF SYSTEM FROM HIGH DISK SPACE UTILIZATION

HandsFree Networks provides an easy way to monitor the disk statistics and report it to the user. You can find the largest available disk space for each logical drive on a system. Information on the following disk parameters is provided by HandsFree Networks client.

- Total disk space (KBytes)
- Disk space used (KBytes)
- Percentage used (%)
- Percentage free (%)

You can set a minimum free disk space threshold. If disk capacity falls below this threshold, a DART will instantly generate a log and send it to the log server where appropriately set notifications will generate an e-mail message for the designated user contact.

Advantages

- DARTs can be used to alert about high disk capacity utilization conditions thus averting problems that could cripple a system.
- Auto cleaning of unwanted files based on threshold value (eg: when disk space reaches 95% files will be cleaned automatically).
- Detects and reports the total disk space, used space, percentage used and percentage free.

STAY AHEAD WITH IMPROVED BANDWIDTH

HandsFree Networks lets the user know what's the bandwidth been used in the network. When configuring the DART, users can set reporting thresholds for Bytes received per second, Bytes sent per second, and Percent network utilization. They can be used to alert the user about potential local network bandwidth shortage situations, and systems that generate unusually high network traffic. The latter can be the sign of a malfunctioning application. Threshold settings also have the effect to regulate the Scrip's logging activity. When enabled, DART will post an event log, and generate a message for the system's user if so configured, when the following thresholds are exceeded

- No acknowledgment to three sends to another device on the sub-net within five seconds
- No acknowledgment to three sends to the Internet within 20 seconds

Advantages

- Better network connectivity ensuring business development.
- Reduced network downtime and enhanced user and system performance.

Technical Requirements

- No server infrastructure or VPN connections required
- Internet connection (56K or faster)
- Any version of Microsoft or non-Microsoft browsers
- Supported operating systems: Windows 98, ME, NT, 2000, XP, and Vista.

Powered by HandsFree Networks Unique Framework

HandsFree Network Resources Monitoring is just one of HandsFree Networks support automation services which are powered by unique Next Generation Device Healthcare framework and its client-based engine architecture. Data communication between client and server happens in real-time via secure SSL transactions. There is no need for dedicated lines, or special infrastructure. Any exchange between the ReSOFT server and ReSOFT client occurs only as a consequence of a ReSOFT client request. This makes ReSOFT significantly more secure than traditional push based management solutions.

For more information on the HandsFree Networks Resources Monitoring, visit us at www.handSFreenetworks.com



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