
Subject: 5.0 database on RAW disk partition
Posted by [pastor](#) on Tue, 02 Jul 2024 10:02:40 GMT
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explicitly for database on raw device

Subject: Re: 5.0 database on RAW disk partition
Posted by [SD](#) on Tue, 02 Jul 2024 12:03:25 GMT
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Subject: Re: 5.0 database on RAW disk partition
Posted by [pastor](#) on Tue, 02 Jul 2024 12:41:09 GMT
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Subject: Re: 5.0 database on RAW disk partition
Posted by _____ on Tue, 02 Jul 2024 14:28:22 GMT
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Subject: Re: 5.0 database on RAW disk partition
Posted by [pastor](#) on Wed, 03 Jul 2024 12:54:43 GMT
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Subject: Re: 5.0 database on RAW disk partition
Posted by [kdv](#) on Wed, 10 Jul 2024 20:05:55 GMT
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Subject: Re: 5.0 database on RAW disk partition
Posted by [pastor](#) on Thu, 11 Jul 2024 05:34:01 GMT
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Subject: Re: 5.0 database on RAW disk partition
Posted by _____ on Thu, 11 Jul 2024 08:36:18 GMT
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Subject: Re: 5.0 database on RAW disk partition
Posted by [kdv](#) on Tue, 16 Jul 2024 22:21:49 GMT
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FileSystemCacheThreshold = 0

Subject: Re: 5.0 database on RAW disk partition
Posted by [kdv](#) on Tue, 16 Jul 2024 22:25:41 GMT
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<https://www.ibase.ru/files/articles/performance/Firebird%20Optimizer%20-%20ORDER%20vs%20SORT.pdf>

Subject: Re: 5.0 database on RAW disk partition
Posted by [pastor](#) on Wed, 17 Jul 2024 05:21:21 GMT
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Subject: Re: 5.0 database on RAW disk partition
Posted by [basid](#) on Wed, 17 Jul 2024 05:58:13 GMT
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Subject: Re: 5.0 database on RAW disk partition

Posted by [pastor](#) on Wed, 17 Jul 2024 06:51:06 GMT

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Subject: Re: 5.0 database on RAW disk partition
Posted by [SD](#) on Wed, 17 Jul 2024 11:37:26 GMT

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Subject: Re: 5.0 database on RAW disk partition
Posted by [fraks](#) on Thu, 18 Jul 2024 00:51:44 GMT

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Subject: Re: 5.0 database on RAW disk partition
Posted by [pastor](#) on Thu, 18 Jul 2024 05:18:19 GMT
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+100500

Subject: Re: 5.0 database on RAW disk partition
Posted by [pastor](#) on Thu, 18 Jul 2024 05:19:38 GMT
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Subject: Re: 5.0 database on RAW disk partition
Posted by [basid](#) on Thu, 18 Jul 2024 07:23:38 GMT
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Device Statistics (GP Log 0x04)
Value Flags Description
= === == General Statistics
1043 --- Lifetime Power-On Resets
52023594730 --- Logical Sectors Written
798321302 --- Number of Write Commands
128708198877 --- Logical Sectors Read
5654194037 --- Number of Read Commands
= === == Solid State Device Statistics
3 N-- Percentage Used Endurance Indicator
|||_ C monitored condition met

||__ D supports DSN
|__ N normalized value

ID#	ATTRIBUTE_NAME	RAW_VALUE
5	Reallocated_Sector_Ct	0
9	Power_On_Hours	40351
12	Power_Cycle_Count	1043
165	Block_Erase_Count	1542122245167
166	Minimum_PE_Cycles_TLC	13
167	Max_Bad_Blocks_per_Die	26
168	Maximum_PE_Cycles_TLC	65
169	Total_Bad_Blocks	245
170	Grown_Bad_Blocks	0
171	Program_Fail_Count	0
172	Erase_Fail_Count	0
173	Average_PE_Cycles_TLC	35
174	Unexpected_Power_Loss	63
184	End-to-End_Error	0
187	Reported_Uncorrect	0
188	Command_Timeout	0
194	Temperature_Celsius	35 (Min/Max 17/49)
199	UDMA_CRC_Error_Count	0
232	Available_Reservd_Space	100

Model Family: WD Blue / Red / Green SSDs
Device Model: WDC WDS500G2B0A-00SM50
Firmware Version: X61190WD
User Capacity: 500 107 862 016 bytes [500 GB]
Sector Size: 512 bytes logical/physical
Rotation Rate: Solid State Device
Form Factor: 2.5 inches
TRIM Command: Available, deterministic, zeroed
Device is: In smartctl database 7.3/5528
ATA Version is: ACS-4 T13/BSR INCITS 529 revision 5
SATA Version is: SATA 3.3, 6.0 Gb/s (current: 6.0 Gb/s)
Local Time is: Thu Jul 18 15:06:34 2024 RTZ
Rd look-ahead is: Enabled
Write cache is: Enabled
DSN feature is: Unavailable
ATA Security is: Disabled, frozen [SEC2]
Wt Cache Reorder: Unavailable

Subject: Re: 5.0 database on RAW disk partition
Posted by [basid](#) on Thu, 18 Jul 2024 07:35:12 GMT
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Subject: Re: 5.0 database on RAW disk partition
Posted by [basid](#) on Thu, 18 Jul 2024 07:39:09 GMT
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Endurance Indicator

|||_ C monitored condition met
||__ D supports DSN

N-- Percentage Used Endurance Indicator

|||_ C monitored condition met
||__ D supports DSN
|___ N normalized value

Subject: Re: 5.0 database on RAW disk partition
Posted by [pastor](#) on Thu, 18 Jul 2024 08:44:13 GMT
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Subject: Re: 5.0 database on RAW disk partition
Posted by [basid](#) on Thu, 18 Jul 2024 11:45:41 GMT
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Subject: Re: 5.0 database on RAW disk partition
Posted by [kdv](#) on Fri, 19 Jul 2024 11:34:05 GMT
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Subject: Re: 5.0 database on RAW disk partition
Posted by [pastor](#) on Fri, 19 Jul 2024 14:28:45 GMT
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Core i3 10100

Subject: Re: 5.0 database on RAW disk partition
Posted by [inoremap](#) on Mon, 22 Jul 2024 08:54:36 GMT
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```
echo 3 > /proc/sys/vm/drop_caches; dd if=/dev/sda of=/dev/null bs=16M status=progress
```

```
echo 3 > /proc/sys/vm/drop_caches; dd iflag=direct if=/dev/sda of=/dev/null bs=16M  
status=progress
```
