



dbWatch Control Center

What best practices to adopt as a SQL Server DBA

Per Christopher Undheim

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15 years as an Oracle DBA

Senior DBA at dbWatch, working mostly with R&D on Oracle and SQL Server platforms.



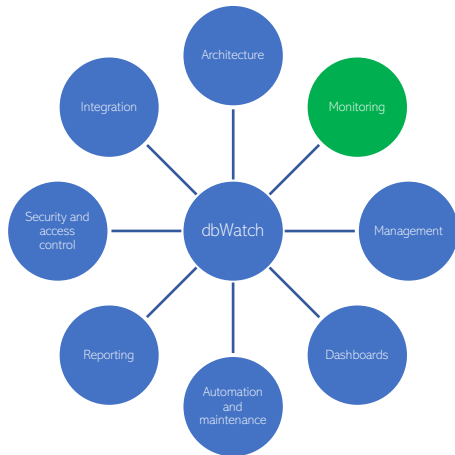
Monitoring



Common monitoring challenges

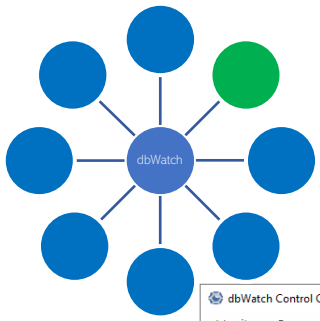
- Home-made solutions require a lot of upkeep
- Monitoring is minimal and does not detect issues
- Inflexible solutions, hard to adjust
- Multiple products are needed to cover all platforms
- Cloud instances are not well monitored
- Monitoring is not consistent across database farm

Monitoring



Benefits with dbWatch

- Large repository of monitoring jobs
- Best practice thresholds
- Centrally distributed with versioning and upgrades
- Fully customizable with built-in editor
- Super scalability to support any size environment
- Cross-platform and version, with on-premise and cloud
- Deploy enterprise consistent monitoring using templates



Structured overview for workflow

dbWatch Control Center (2021-10-15) [dbWatch Demolab]

Monitor Server Help Views Profile

Instance Status
14 3 2

Grouping: Default ?

Filter

- dbWatch
 - demir
 - Development
 - AWS-Oracle19
 - AzureDB
 - sqlserver01
 - Production
 - alakatha
 - antar
 - brentaal
 - cularin
 - cybloc
 - dasoocha
 - dorumaa
 - dxun
 - ebaq
 - gall
 - kethor
 - korriban
 - loronara
 - loronarb
 - onderon
 - uffel

Instance status Instances +

Issues Filter

GROUP	INSTANCE NAME	JOB	STATUS	STATUS TIME	DETAILS
Production	antar	Tablespace free space check	✖	15:09:37	SYSTEM 0.3% left, SYSAUX 5.7% left
Development	sqlserver01	Transaction log size check	✖	13:27:10	SampleDB: 9480 MB log size which is 99% used (72 MB ...)
Development	sqlserver01	Database Log backup	✖	13:27:10	No transaction log backup information for 4 database(s) ...
Production	alakatha	Database backup (system databases)	✖	15:12:49	No backup information for 3 database(s) (master, model, ...)
Production	cybloc	Instance memory check	✖	14:43:59	The MS SQL Server instance is not able to allocate 60% o...
Development	AWS-Oracle19	Tablespace free space check	✖	13:27:18	SYSAUX 7.5% left, RDSADMIN 7.1% left
Development	sqlserver01	Database disk capacity	✖	13:27:10	9.3% free on drive C:\ (warning at 10%). 19.0MB free on dri...
Development	sqlserver01	Database backup (system databases)	✖	13:27:10	No backup information for 3 database(s) (master, model, ...)
Development	sqlserver01	Agent Jobs Check	✖	13:27:10	Failed jobs: [Job: Distribution clean up: distribution] at O...

Lost connection

0

Alarm

2

- sqlserver01
 - Group: Development, Status time: 13:27:11
- antar
 - Group: Production, Status time: 15:09:37

Warning

3

- AWS-Oracle19
 - Group: Development, Status time: 13:27:18
- cybloc
 - Group: Production, Status time: 14:43:59
- alakatha
 - Group: Production, Status time: 15:12:49

Ok

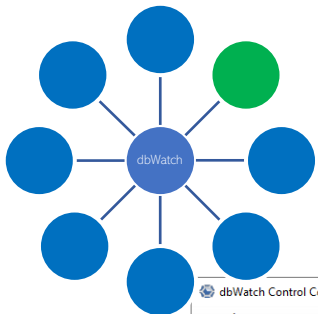
14

- dxun
 - Group: Production, Status time: 13:27:11
- brentaal
 - Group: Production, Status time: 13:27:11
- dorumaa
 - Group: Production, Status time: 13:27:11
- uffel
 - Group: Production, Status time: 13:27:11
- gall
 - Group: Production, Status time: 13:27:11
- kethor
 - Group: Production, Status time: 13:27:11
- onderon
 - Group: Production, Status time: 13:27:11
- cularin
 - Group: Production, Status time: 13:27:11

Not monitored

0

pcu



In-depth monitoring

dbWatch Control Center (2021-10-15) [dbWatch Demolab]

Monitor Server Help Views Profile

Instance Status

14 3 2

Grouping: Default

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 - ebaq
 - gall
 - kethor
 - korriban
 - loronara
 - loronarb
 - onderon
 - uffel

Instance details

Notes +

Jobs status

WARNING OK NO STATUS

OK (19) WARNING (1) NO STATUS (17)

Jobs

Filter

- alakatha
 - Availability
 - Capacity
 - Maintenance
 - Performance

Instance information

STATUS	NAME	GROUP	PLATFORM	EDITION	HOST	STARTED	DB COUNT
	alakatha	Production	SQL Server 2017 (RTM)	Enterprise Edition	10.0.157	15.okt.2021 16:39:53	4

Jobs with status

STATUS	NAME	LAST RUN	SCHEDULE	NEXT RUN	DETAILS
✖	Database backup (system databases)	15:12:59	05 6 **	19.okt.2021 06:05:59	No backup information for 3 database(s) (master, model, msdb).
✔	Agent Jobs Check	15:13:01	0,30 ***	15:30:01	1 job(s) checked, no failures.
✔	Autogrow settings	15:16:01	15 15 1 *	25.okt.2021 15:15:01	1 files checked (with minimum size 100MB). Change growth settings: NO.
✔	Blocking statistics	15:16:01	0,5,10,15,20,25,30,35,40,45,50,55 ***	15:20:01	No blocked sessions detected.
✔	Data file size check	15:13:00	5 7,12,17 **	17:05:00	0 filegroups checked.
✔	Database Log backup	15:13:00	20 0,2,4,6,8,10,12,14,16,18,20,22 **	16:20:00	0 database log(s) backed up during the last 4 hours.
✔	Database backup	15:12:59	10 6 **	19.okt.2021 06:10:59	0 database(s) backed up since the last 48 hours.
✔	Database disk capacity	15:12:57	15 5,17 **	17:15:57	41.0% free on drive C:\ (12.4 GB). The Instance configuration parameter "xp_cmdshell" i...
✔	Database disk space usage	15:12:58	10 5,17 **	17:10:58	Free space C: 12.4 GB.
✔	Database status	15:16:31	****	15:17:31	4 databases checked.
✔	Disk space check	15:13:00	10 5,17 **	17:10:00	Free space C: 12.1 GB.
✔	High activity monitor	15:17:30	****	15:18:30	SQL CPU: 33%, other CPU: 3%, active processes: 1, logical reads (per sec): 302
✔	Instance error log	15:12:57	6,26,46 ***	15:26:57	0 records checked.
✔	Instance memory check	15:13:01	3,23,43 ***	15:23:01	355 MB (9% of total server memory) is allocated to the instance (Max server memory: 4...
✔	Instance status	15:17:30	****	15:18:30	Instance started 2021-10-15 16:39:53.
✔	SQL Server Agent status	15:16:01	0,15,30,45 ***	15:30:01	NO scheduled or enabled jobs. Job count: 0.
✔	Temporary database space usage	15:12:57	10,30,50 ***	15:30:57	8 MB of total space usage in tempdb. There are 1 temp file(s) with total size of 72 MB. P...
✔	Transaction log size check	15:12:58	10 5,17 **	17:10:58	5 transaction logs checked, with total size 95 MB

Jobs without status

STATUS	NAME	LAST RUN	SCHEDULE	NEXT RUN	DETAILS
⚙	Data cache memory usage	15:12:51	20,50 ***	15:20:51	7 MB of total 32 MB data cache is allocated to [msdb] database (total instance memor...
⚙	Data hit ratio	15:12:53	0,10,20,30,40,50 ***	15:20:53	Buffer cache hit ratio: 100.0% (logical reads: 33404, physical reads: 3).
⚙	Database Server uptime	15:17:30	****	15:18:30	Instance MSSQLSERVER has been running for 2 day(s),22 hour(s) and 38 minute(s).
⚙	Database growth rate (aggregated)	15:12:54	10 5 5 *	22.okt.2021 05:10:54	6 databases with total size 0 GB (transaction logs size = 0 GB). History record collected.
⚙	Database growth rate (detailed)	15:12:50	10 5 1,4 *	21.okt.2021 05:10:50	Largest database: dbwatch_cc size = 0.1 GB
⚙	Database session load	15:12:51	0,20,40 ***	15:20:51	Program dbWatch Control Center (monitoring) connected from host demir has 4 con...
⚙	File IO statistics	15:12:50	0,10,20,30,40,50 ***	15:20:50	Statistics from 5 files collected.
⚙	Filegroups growth rate	15:12:55	10 7 5 *	22.okt.2021 07:10:55	Space usage for 4 filegroups checked. Total space usage is: 0.03 GB. Database msdb is...
⚙	Instance memory usage	15:17:00	1,6,11,16,21,26,31,36,41,46,51,56 ***	15:21:00	54 MB of total 408 MB instance memory is allocated to data cache (262 MB to os obje...
⚙	Lazy writer and Checkpoint statistics	15:14:50	4,14,24,34,44,54 ***	15:24:50	Lazy writes: 0, Checkpoint pages: 0, Page life expectancy: 254124.
⚙	SQL statements (Logical reads)	15:17:00	16 6,12,15 **	19.okt.2021 06:16:00	1191 execution plans checked. The highest value of logical reads for a query plan is: 331...
⚙	Session load	15:12:54	0,10,20,30,40,50 ***	15:20:54	Total sessions: 10, active: 1
⚙	Sessions per database	15:12:48	0,10,20,30,40,50 ***	15:20:48	4 session connected to [dbwatch_cc] database using program [dbWatch Control Cent...
⚙	Test DML-DDL performance	15:16:05	10 22 5 1,30	07.jan.2022 22:10:05	Performance test on 5, 10, 20, 40, 80 and 160 thousand rows executed.
⚙	Transaction load	15:12:52	1 11 21 31 41 51 ***	15:21:52	Total transaction load: 2327 per minute

Automation / maintenance



Common maintenance challenges

- Finding the right routines
- Relying on solutions without support
- Deployment in larger environments
- Version control and upgrading
- Alerting and detecting issues
- Automation and scheduling
- Adding and adjusting routines

Automation / maintenance

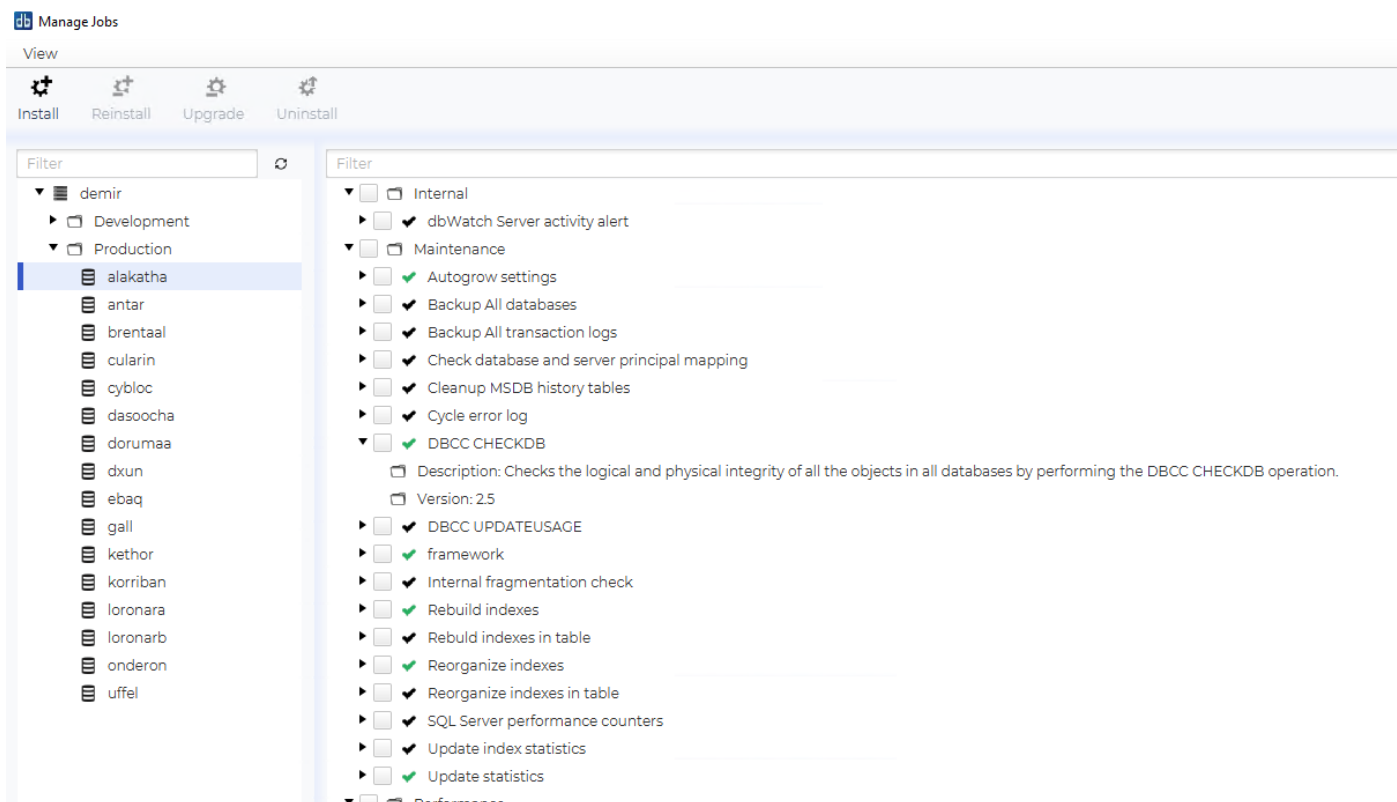


Benefits with dbWatch

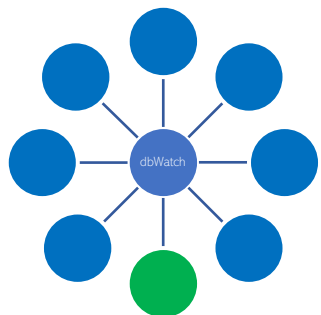
- Included maintenance job library
- Central deployment of maintenance routines
- Built-in version control, upgrading, and scheduling
- Built-in editor to create your own routines
- Automatic adjustments offloads DBA's
- Status of maintenance job as part of monitoring
- Included dashboards create unique insight



Maintenance job library



- Index management
- Updating statistics
- Automated backups
- Error log maintenance
- DBCC
- Automated settings adjustment



Maintenance routine dashboards

DBCC CHECKDB statistics (MS SQL Server platform)												
Name	DB count	CHECKDB checked	Last DB checked	CHECKDB started	CHECKDB ended	Elapsed time (min)	Average time (min)	Deviation %	Errors	Disk usage (GB)	Severity	
Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	
Malachor	39	23 Prime	22.aug.2020 04:15:27	22.aug.2020 07:18:35	<div><div></div></div> 183	116	<div><div></div></div> 57,69%	<div><div></div></div> 0	892	<div><div></div></div> 1		
Geonosis	38	5 AMTSTNOS	22.aug.2020 04:15:28	22.aug.2020 09:08:06	<div><div></div></div> 292	153	<div><div></div></div> 90,29%	<div><div></div></div> 0	635	<div><div></div></div> 1		
Devaron	17	14 All databases checked	14.des.2019 04:15:51	14.des.2019 04:19:19	<div><div></div></div> 3	0	<div><div></div></div> 0,00%	<div><div></div></div> 0	194	<div><div></div></div> 1		
StarkillerBase	24	23 All databases checked	22.aug.2020 07:16:02	22.aug.2020 07:18:52	<div><div></div></div> 2	2	<div><div></div></div> 0,58%	<div><div></div></div> 0	200	<div><div></div></div> 0		
Lothal	15	13 All databases checked	22.aug.2020 04:15:59	22.aug.2020 04:16:32	<div><div></div></div> 0	0	<div><div></div></div> 8,14%	<div><div></div></div> 0	20	<div><div></div></div> 0		
ConcordDawn	11	6 All databases checked	22.aug.2020 04:15:59	22.aug.2020 04:16:20	<div><div></div></div> 0	0	<div><div></div></div> 3,85%	<div><div></div></div> 0	1 240	<div><div></div></div> 0		
Florrum	12	11 All databases checked	22.aug.2020 04:15:59	22.aug.2020 04:22:46	<div><div></div></div> 6	6	<div><div></div></div> 0,74%	<div><div></div></div> 0	795	<div><div></div></div> 0		
Umbara	19	15 All databases checked	22.aug.2020 03:16:08	22.aug.2020 03:32:23	<div><div></div></div> 16	16	<div><div></div></div> 0,71%	<div><div></div></div> 0	656	<div><div></div></div> 0		
Ruusan	11	8 All databases checked	22.aug.2020 03:16:08	22.aug.2020 03:16:26	<div><div></div></div> 0	0	<div><div></div></div> 0,00%	<div><div></div></div> 0	8	<div><div></div></div> 0		
Crait	8	8 All databases checked	22.aug.2020 04:15:59	22.aug.2020 04:23:14	<div><div></div></div> 7	7	<div><div></div></div> 0,68%	<div><div></div></div> 0	249	<div><div></div></div> 0		
Ruusan	16	15 All databases checked	22.aug.2020 04:15:59	22.aug.2020 04:34:22	<div><div></div></div> 18	17	<div><div></div></div> 3,96%	<div><div></div></div> 0	363	<div><div></div></div> 0		
Anoat	13	12 All databases checked	22.aug.2020 04:16:00	22.aug.2020 04:18:27	<div><div></div></div> 2	2	<div><div></div></div> 5,76%	<div><div></div></div> 0	28	<div><div></div></div> 0		
Eadu	11	11 All databases checked	22.aug.2020 04:15:59	22.aug.2020 04:36:36	<div><div></div></div> 20	19	<div><div></div></div> 4,30%	<div><div></div></div> 0	1 240	<div><div></div></div> 0		
StarkillerBase	16	11 All databases checked	22.aug.2020 04:15:59	22.aug.2020 04:16:10	<div><div></div></div> 0	0	<div><div></div></div> 2,74%	<div><div></div></div> 0	4	<div><div></div></div> 0		
Dantooine	24	5 All databases checked	22.aug.2020 04:15:59	22.aug.2020 04:16:02	<div><div></div></div> 0	0	<div><div></div></div> 0,00%	<div><div></div></div> 0	201	<div><div></div></div> 0		
LahMu	9	4 All databases checked	22.aug.2020 04:16:00	22.aug.2020 04:16:09	<div><div></div></div> 0	0	<div><div></div></div> 1,43%	<div><div></div></div> 0	1 240	<div><div></div></div> 0		
Malastare	20	18 All databases checked	22.aug.2020 04:15:27	22.aug.2020 04:31:22	<div><div></div></div> 15	16	<div><div></div></div> 0,42%	<div><div></div></div> 0	444	<div><div></div></div> 0		
Bespin	6	6 All databases checked	22.aug.2020 04:15:59	22.aug.2020 04:16:02	<div><div></div></div> 0	0	<div><div></div></div> 1,61%	<div><div></div></div> 0	0	<div><div></div></div> 0		
Iridonia	11	10 All databases checked	22.aug.2020 04:15:27	22.aug.2020 04:37:10	<div><div></div></div> 21	11	<div><div></div></div> 85,09%	<div><div></div></div> 0	504	<div><div></div></div> 0		
Jedha	44	17 All databases checked	22.aug.2020 04:15:35	22.aug.2020 04:21:37	<div><div></div></div> 6	5	<div><div></div></div> 7,42%	<div><div></div></div> 0	536	<div><div></div></div> 0		

SQL Server Backups

dbWatch Control Center (2021-11-24) [Drift test]

Monitor Server Help Views Profile

Instance Status
10

Grouping: Default

Filter

dbWatch
DESKTOP-C73KDP7
Development
Kerberos instans DB-Auth
ms 16
ms 17
ora 11g
Production

ms 16

Availability
Capacity
Maintenance
Performance

marek

Instance details Notes

Jobs status
NO STATUS (16)
OK (16)

Job execution statistics

STATUS	NAME	VERSION	LAST RUN	SCHEDULE	NEXT RUN	DETAILS
No data						

Jobs with status

STATUS	NAME	LAST RUN	SCHEDULE	NEXT RUN	DETAILS
Filter	Filter	Filter	Filter	Filter	Filter
OK	Agent Jobs Check	10:00:46	0,30 * * * *	10:30:36	Failed jobs: [test multi step job] ...
OK	Autogrow settings	15.nov.2021 15:15:34	15 151 *	29.nov.2021 15:15:36	11 files checked (with minimum s...
OK	Blocking statistics	10:25:12	0,5,10,15,20,25,30,35,40,45,50,55 *	10:30:12	No blocked sessions detected.
OK	Data file size check	08:07:31	5 7,12,17 * *	12:05:36	187 filegroups checked.
OK	Database Log backup	10:20:43	20 0,2,4,6,8,10,12,14,16,18,20,22 * *	12:20:43	11 database log(s) backed up dur...
OK	Database backup	10:09:20	10 6 * *	26.nov.2021 06:10:36	32 database(s) backed up since t...
OK	Database backup (system databases)	10:09:22	05 6 * *	26.nov.2021 06:05:36	All databases backed up since th...
OK	Database disk capacity	08:08:13	15 5,17 * *	17:15:36	552% free on drive C:\ (538.4 GB)...
OK	Database disk space usage	08:07:26	10 5,17 * *	17:10:36	Free space C: 538.4 GB.
OK	Database status	10:28:13	****	10:29:13	200 databases checked.
OK	Instance memory check	10:23:42	3,23,43 * * *	10:43:42	2277 MB (7% of total server mem...
OK	Instance status	10:28:13	****	10:29:13	Instance started 2021-10-17 18:53...
OK	SQL Server Agent status	10:15:42	0,15,30,45 * * *	10:30:42	SQL Server Agent is running
OK	Temporary database space usage	10:10:43	10,30,50 * * *	10:30:43	20 MB of total space usage in te...

Jobs without status

STATUS	NAME	LAST RUN	SCHEDULE	NEXT RUN	DETAILS
Filter	Filter	Filter	Filter	Filter	Filter
✖	Backup All databases	10:08:49	10 22 * *	22:10:36	200 database(s) backed up to C:\...
✖	Backup All transaction logs	10:10:44	10 * * *	11:10:44	12 transaction log(s) backed up t...
✖	Buffer cache memory usage	10:28:12	20,50 * * *	10:50:42	2 MB of total 106 MB data cache ...
✖	Data hit ratio	10:20:52	0,10,20,30,40,50 * * *	10:30:52	Buffer cache hit ratio: 98.6% (log...
✖	Database Server uptime	10:28:12	****	10:29:12	Instance MSSQLSERVER has be...
✖	Database growth rate (aggre...		10 5 5 *	26.nov.2021 05:10:36	
✖	Database growth rate (detailed)	08:08:20	10 5 14 *	29.nov.2021 05:10:36	Largest database: dbw1251a size ...
✖	File IO statistics	10:20:52	0,10,20,30,40,50 * * *	10:30:52	Statistics from 5 files collected.
✖	Filegroups growth rate		10 7 5 *	26.nov.2021 07:10:36	
✖	Instance memory usage	10:26:12	1,6,11,16,21,26,31,36,41,46,51,56 * * *	10:31:12	105 MB of total 2253 MB instanc...
✖	Lazy writer and Checkpoint st...	10:24:52	4,14,24,34,44,54 * * *	10:34:52	Lazy writes: 765, Checkpoint pa...

- Get complete overview
- Detect issues quickly
- Quickly fix problems
- Know the historic issues
- Get in-depth reports
- Be a more efficient DBA

SQL Server Backups

The screenshot displays the SQL Server Agent Jobs interface. On the left, a 'Jobs status' pie chart shows 'OK (6)', 'ALARM (1)', and 'NO STATUS (1)'. Below it, a 'Jobs' list on the left sidebar includes 'Availability', 'Agent Jobs Check', 'Database backup', 'Database backup (system data)', 'Database Log backup', 'Database Server uptime', 'Database status', 'Instance error log', 'Instance status', 'SQL Server Agent status', 'Capacity', 'Maintenance', and 'Performance'. The main area shows 'Instance information' for 'ms 16' (Development, SQL Server 2016 (SP1), Enterprise Edition, localhost, started 17.oct.2021 18:53:57). Below this is a 'Jobs with status' table:

STATUS	NAME	GROUP	PLATFORM	EDITION	HOST	STARTED	DB COUNT
OK	ms 16	Development	SQL Server 2016 (SP1)	Enterprise Edition	localhost	17.oct.2021 18:53:57	200

Below the jobs table is a 'Jobs with status' table with columns: STATUS, NAME, LAST RUN, SCHEDULE, NEXT RUN, and DETAILS. The 'Instance error log' job is highlighted, showing a last run of 11:56:44 and a schedule of 6,26,46 ***. The details show 'Found error text [#2 error] in error lo...'. A pop-up window titled 'Instance error log details' is open, showing the 'Last lines read from error log'.

Last lines read from error log

This table shows all lines read from MS SQL Server ERROR log file by this Alert during the last execution. If this table is empty, it means that no new rows were generated in the SQL Server ERROR log since the last time the Alert has been executed. If the Alert has read and analyzed more than 200 rows, only the last 200 rows are displayed.

Error text	Allowed text	Message	Date
#2 error		Error: 18204, Severity: 16, State: 1.	29.11.2021 11:56:27
#1 failed		BackupDiskFile::CreateMedia: Backup device 'C:\Program Filesxxx\Microsoft SQL Server\MSSQL13.MS2016EEA\MSSQL\Backup\PAR_TEST_full_backup_202111129_1156.bak' failed to create. Operating system error 3(The system cannot find the path specified.).	29.11.2021 11:56:27
#2 error		Error: 3041, Severity: 16, State: 1.	29.11.2021 11:56:27
#1 failed		BACKUP failed to complete the command BACKUP DATABASE PAR_TEST. Check the backup application log for detailed messages.	29.11.2021 11:56:27

- Get complete overview
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SQL Server Agent

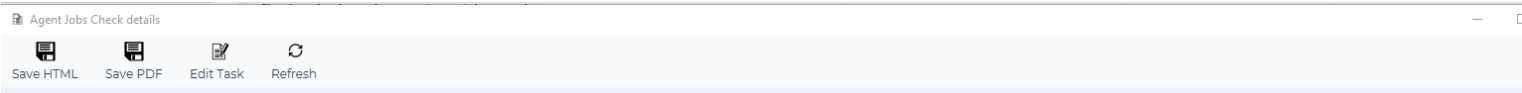
The screenshot displays the dbWatch Control Center interface for monitoring SQL Server Agent jobs. The interface is divided into several sections:

- Instance Status:** Shows the status of the SQL Server instance (ms16) and its components (Database backup, Database Log backup, Database Server uptime, Database status, Instance status, SQL Server Agent status).
- Jobs:** Lists the jobs installed on the instance, including 'Agent Jobs Check'.
- Job execution statistics:** A table showing the execution history of the 'Agent Jobs Check' job.
- Job parameter overview:** A table showing the parameters for the 'Agent Jobs Check' job.
- Job alert history (last 20):** A table showing the history of alerts for the 'Agent Jobs Check' job.
- Job execution details from all instances where the job is installed:** A table showing the execution details for the 'Agent Jobs Check' job across all instances.

A pop-up window titled 'Agent Jobs Check' is displayed, showing a failed job alert: 'Failed jobs: [test multi step job] at Nov 25 2021 10:00AM'.

- Get complete overview
- Detect issues quickly
- Quickly fix problems
- Know the historic issues
- Get in-depth reports
- Be a more efficient DBA

SQL Server Agent



Job status

This lists shows the status for the active jobs after their last execution.

ms 16

Job name	Status	State	Last executed	Next run	Description	Date modified
syspolicy_purge_history	Succeeded	Enabled	12.11.2021 08:11:51	13.11.2021 02:00:00	No description available.	29.11.2018 01:24:18
test job 01	Succeeded	DISABLED	08.11.2021 10:47:21	08.11.2021 12:00:00	No description available.	20.01.2021 15:16:40
test job 02	Succeeded	Enabled	24.11.2021 12:00:00	25.11.2021 12:00:00	No description available.	08.11.2021 16:44:43
test multi step job	Failed	Enabled	25.11.2021 10:00:00	25.11.2021 10:30:00	Avanserte greier	08.11.2021 16:52:18

Failed job steps history

ms 16

End time	Job name	Step ID	Message
25.11.2021 10:00:01	test multi step job	3	Executed as user: NT SERVICE\SQLSERVERAGENT. Invalid object name 'tab_som_ikke_finnes'. [SQLSTATE 42S02] (Error 208). The step failed.
25.11.2021 09:30:00	test multi step job	3	Executed as user: NT SERVICE\SQLSERVERAGENT. Invalid object name 'tab_som_ikke_finnes'. [SQLSTATE 42S02] (Error 208). The step failed.
25.11.2021 09:00:01	test multi step job	3	Executed as user: NT SERVICE\SQLSERVERAGENT. Invalid object name 'tab_som_ikke_finnes'. [SQLSTATE 42S02] (Error 208). The step failed.
25.11.2021 08:37:36	test multi step job	3	Executed as user: NT SERVICE\SQLSERVERAGENT. Invalid object name 'tab_som_ikke_finnes'. [SQLSTATE 42S02] (Error 208). The step failed.
25.11.2021 08:30:00	test multi step job	3	Executed as user: NT SERVICE\SQLSERVERAGENT. Invalid object name 'tab_som_ikke_finnes'. [SQLSTATE 42S02] (Error 208). The step failed.
24.11.2021 16:30:01	test multi step job	3	Executed as user: NT SERVICE\SQLSERVERAGENT. Invalid object name 'tab_som_ikke_finnes'. [SQLSTATE 42S02] (Error 208). The step failed.
24.11.2021 16:00:00	test multi step job	3	Executed as user: NT SERVICE\SQLSERVERAGENT. Invalid object name 'tab_som_ikke_finnes'. [SQLSTATE 42S02] (Error 208). The step failed.

- Get complete overview
- Detect issues quickly
- Quickly fix problems
- Know the historic issues
- Get in-depth reports
- Be a more efficient DBA

SQL Server Agent

dbWatch Control Center (2021-11-24) [Drift test]

Monitor Server Help Views Profile Management

Instance Status
9 1

► Grouping Default ?

Filter

- dbWatch
 - DESKTOP-C73KDP7
 - Development
 - Kerberos instans DB-Auth [12.0.5000.0 / sa]
 - ms 16 [13.0.4001.0 / OS Auth]
 - dbWatch Alerts
 - Configuration
 - Performance
 - Sessions
 - Disk and Memory usage
 - Backups
 - SQL Server Error logs
 - Databases
 - Security
 - SQL Server Agent
 - Error logs
 - Jobs
 - Failed jobs history
 - Maintenance plans

ms 16 / SQL Server Agent / Jobs / Failed jobs history

JOB NAME	STATE	DESC
test job 02	Enabled	No de
test multi step job	Enabled	Avans

- Run job
- Show job history
- Show job status
- Copy Row
- Copy Row w/header
- Copy Cell

- Get complete overview
- Detect issues quickly
- Quickly fix problems
- Know the historic issues
- Get in-depth reports
- Be a more efficient DBA

Management



Common challenges when fixing issues

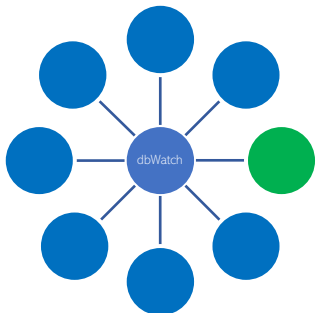
- Managing instances requires host login
- Multiple tools for multiple database platforms
- No adjustment or customization
- DBA time is wasted on inefficient processes
- No audit of what has been done

Management

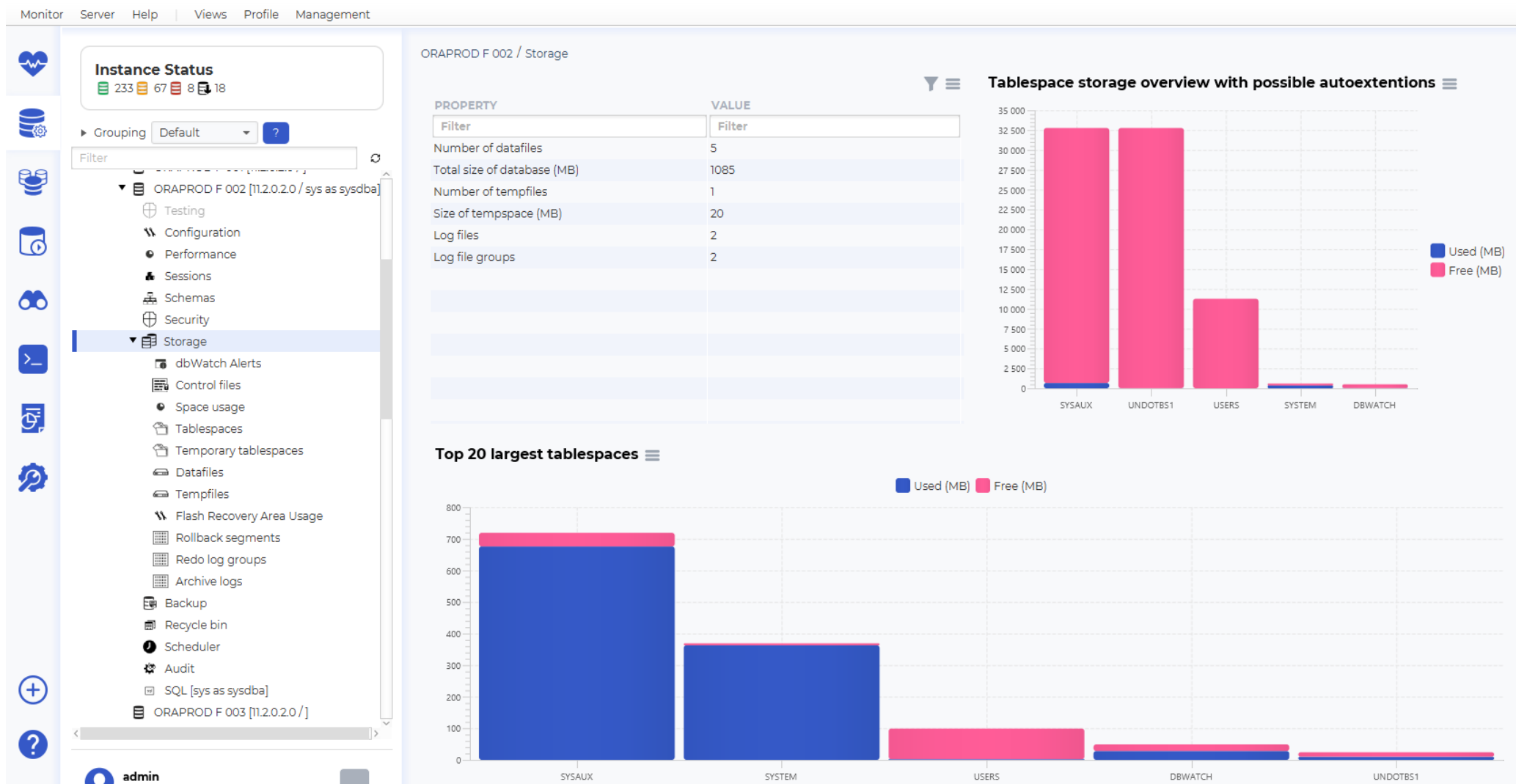


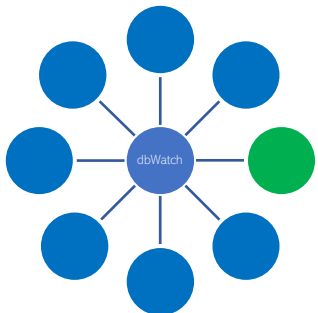
Benefits with dbWatch

- Monitoring integration creates quick workflows
- Centrally control all database instances
- Fully customizable by end-users
- Super scalability
- Read-only access and fine-tuned security possibilities
- Built-in advanced filtering and grouping capabilities
- Cross-platform and version, with on-premise and cloud
- Audit of database operations



Overview and drilldown

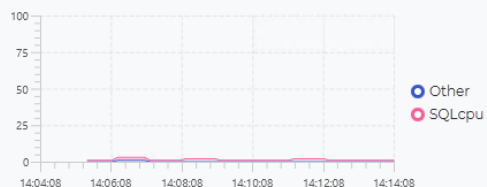




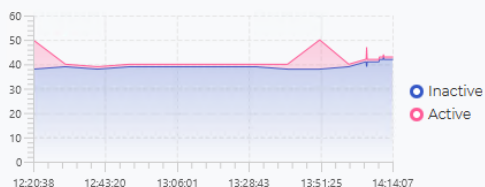
Correlate multiple metrics

TTEDB-MS-01 / Performance

CPU Usage %



Sessions



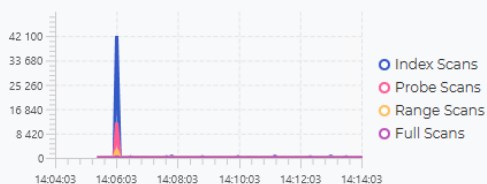
Log KB flushed per database (top 5)



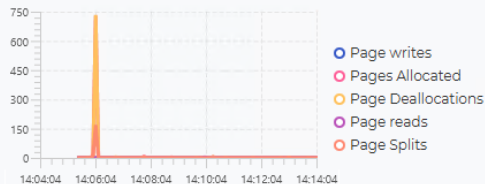
All connected sessions

SESSION...	LOGIN	LOGIN TIME	HOST	DATABASE	STATUS	COMMAND	PROGRAM
Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter
71	NOS\admservice	14:04:04	1PRAP-SYSADMIN-01	master	runnable	SELECT	dbWatch Control Center [sql - ...]
72	ExstreamTenant	14.okt.2021 21:02:40		ExstreamData_TEST	sleeping	AWAITING COMMAND	
73	ExstreamTenant	15.okt.2021 10:05:02		ExstreamData_TEST	sleeping	AWAITING COMMAND	
74	ExstreamTenant	21.okt.2021 09:27:00		ExstreamData_TEST	sleeping	AWAITING COMMAND	
75	NOS\admservice	14:05:08	1PRAP-SYSADMIN-01	master	sleeping	AWAITING COMMAND	dbWatch Control Center [sql - ...]
76	ExstreamTenant	21.okt.2021 09:27:00		ExstreamData_TEST	sleeping	AWAITING COMMAND	
77	ExstreamTenant	21.okt.2021 09:27:22		ExstreamData_TEST	sleeping	AWAITING COMMAND	
78	ExstreamTenant	21.okt.2021 09:27:22		ExstreamData_TEST	sleeping	AWAITING COMMAND	
79	ExstreamTenant	21.okt.2021 09:27:23		ExstreamData_TEST	sleeping	AWAITING COMMAND	
80	KUWVIDRA	18.okt.2021 11:41:39	1TECI-XA-02	AMPROBIT	sleeping	AWAITING COMMAND	
81	KUWVIDRA	18.okt.2021 11:41:40	1TECI-XA-02	AMPROBIT	sleeping	AWAITING COMMAND	
82	ExstreamTenant	21.okt.2021 09:27:23		ExstreamData_TEST	sleeping	AWAITING COMMAND	
83	NOS\sqlde	14:05:00	1TEDB-MS-01	ReportServer	sleeping	AWAITING COMMAND	Report Server
85	NOS\sqlde	14:05:19	1TEDB-MS-01	ReportServer	sleeping	AWAITING COMMAND	Report Server
88	AM_SA	18.okt.2021 11:41:40	1TECI-XA-02	AMPROBIT	sleeping	AWAITING COMMAND	

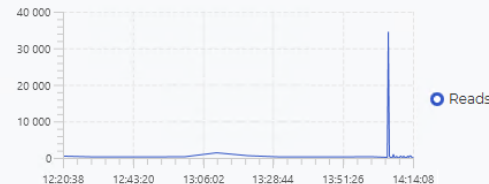
Scans

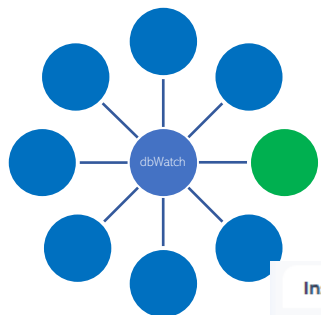


Page activity



Logical reads per sec





Capacity planning

Instance details

Notes

+

Jobs status

NO STATUS (6)

OK (9)

Jobs

Filter

Nille-SQL01 SBI

Availability

Capacity

Auto growth event collect

Data file size check

Database disk capacity

Database disk space usage

Database growth rate (ag

Database growth rate (det

Databases NOT IN USE col

Disk space check

Filegroups growth rate

Instance error log file size

Objects size collector (all

Temporary database spac

Transaction log size check

Transaction log space usa

Version store space usage

Cluster and Replication

Compliance

Instance information

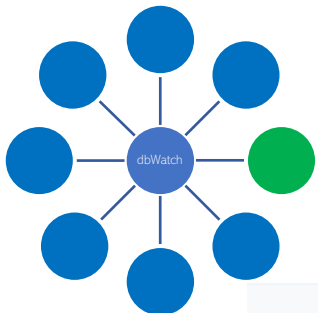
STATUS	NAME	GROUP	PLATFORM	EDITION	HOST	STARTED	DB COUNT
	Nille-SQL01 SBI	Produktion	SQL Server 2017 (CU28)	Enterprise Edition	nille-sql01	18.feb.2022 08:39:06	

Jobs with status

STATUS	NAME	LAST RUN	SCHEDULE	NEXT RUN	DETAILS
	Data file size check	12:05:41	5 7,12,17 **	17:05:02	6 filegroups checked.
	Database disk capacity	05:15:27	15 5,17 **	17:15:02	Execution failed: Inva
	Database disk space usage	05:10:29	10 5,17 **	17:10:02	Free space C: 46.9 GB,
	Disk space check	05:10:30	10 5,17 **	17:10:02	Free space B: 2928.1 G
	Instance error log file size ...	07:07:25	7 7 **	18.mar.2022 07:07:02	ERRORLOG file size: 6
	Temporary database spac...	15:50:08	10,30,50 ***	16:10:08	1571 MB of total space
	Transaction log size check	05:10:29	10 5,17 **	17:10:02	28 transaction logs ch
	Transaction log space usa...	15:40:37	10,40 ***	16:10:02	27 databases checkec
	Version store space usage...	15:35:36	15,35,55 ***	15:55:02	0.75 MB version store

Jobs without status

STATUS	NAME	LAST RUN	SCHEDULE	NEXT RUN	DETAILS
	Auto growth event collect...	15:12:39	12 ***	16:12:02	0 auto-growth events
	Database growth rate (ag...	11.mar.2022 05:10:16	10 5 5 *	18.mar.2022 05:10:02	29 databases with toti
	Database growth rate (de...	05:10:30	10 5 1,4 *	21.mar.2022 05:10:02	Largest database: Sep
	Databases NOT IN USE col...	15:53:08	****	15:54:08	19 databases with no l
	Filegroups growth rate	11.mar.2022 07:10:53	10 7 5 *	18.mar.2022 07:10:02	Space usage for 76 file
	Objects size collector (all ...		30 6 6 *	19.mar.2022 06:30:02	

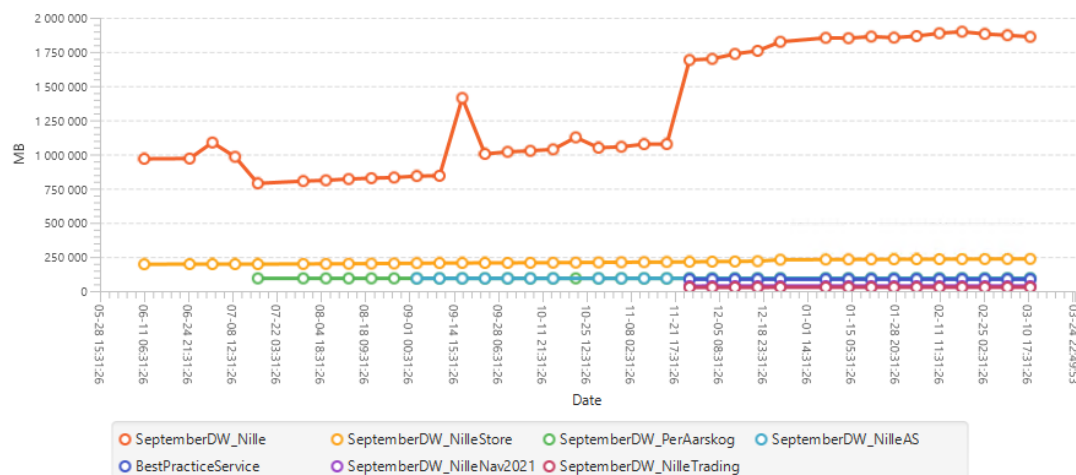


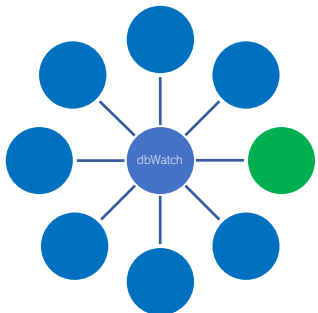
Capacity planning

Disk usage per drive

INSTANCE	VOL. #1	USAGE %	SIZE GB	VOL. #2	USAGE %	SIZE GB	VOL. #3	USAGE %	SIZE GB
Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter
Raglpg02	E:\	<div><div></div></div>	419	D:\	<div><div></div></div>	188		<div><div></div></div>	
ragdb06	D:\	<div><div></div></div>	629		<div><div></div></div>			<div><div></div></div>	
PDMPRO	d:\	<div><div></div></div>	629		<div><div></div></div>			<div><div></div></div>	
ragdb07 Share Poi...	D:\	<div><div></div></div>	524		<div><div></div></div>			<div><div></div></div>	
Raghist02	F:\	<div><div></div></div>	524	E:\	<div><div></div></div>	419		<div><div></div></div>	
busicentsql	F:\	<div><div></div></div>	576	E:\	<div><div></div></div>	262	I:\	<div><div></div></div>	52
RAGGR02	E:\	<div><div></div></div>	178	D:\	<div><div></div></div>	51		<div><div></div></div>	

DBHOST	VOL. #1	FREE GB	GROWTH GB/...	% USAGE WITHIN ...	VOL. #2	FREE GB	GROWTH GB/...	% USAGE WITHIN ...
Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter
Scarif	B:\	94	438	<div><div></div></div> 463	L:\	241	8	<div><div></div></div> 3
Scarif	B:\	94	438	<div><div></div></div> 463	L:\	241	8	<div><div></div></div> 3
OrdMantell	B:\	94	316	<div><div></div></div> 334	C:\	10	8	<div><div></div></div> 78
OrdMantell	C:\	8	24	<div><div></div></div> 300	B:\	719	32	<div><div></div></div> 5
Moraband	C:\	7	8	<div><div></div></div> 102	D:\	146	8	<div><div></div></div> 6
Fondor	C:\	8	8	<div><div></div></div> 99	\\?Vol...	0	0	<div><div></div></div> 0
NalHutta	C:\	14	8	<div><div></div></div> 56	\\?Vol...	0	0	<div><div></div></div> 0
Pillio	D:\	141	8	<div><div></div></div> 6	B:\	367	0	<div><div></div></div> 0
Scarif	D:\	835	8	<div><div></div></div> 1	B:\	1635	0	<div><div></div></div> 0
Mygeeto	L:\	117	0	<div><div></div></div> 0	C:\	13	0	<div><div></div></div> 0
Mygeeto	C:\	13	0	<div><div></div></div> 0	L:\	117	0	<div><div></div></div> 0

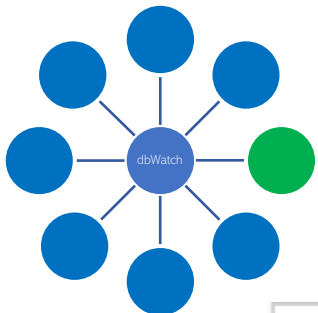




Capacity planning

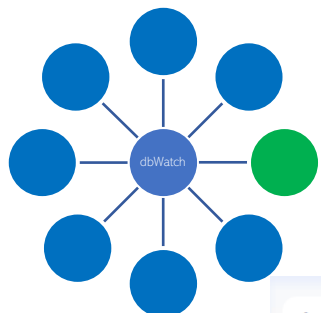
Memory usage and configuration (MS SQL Server platform)

Name	Platform	Host	Activity	Physical (MB)	Physical % usage	Max (MB)	Current (MB)	Data cache (MB)	Data cache % usage	Mem. avg.	Deviation %
Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter
Eadu	SQL Server 2017 (RTM)	Skoll	<div><div></div></div>	261 792	<div><div></div></div>	200 000	200 000	170 278	<div><div></div></div>	199 893	<div><div></div></div> 0,30%
Lothal	SQL Server 2012 (SP3)	Skoll	<div><div></div></div>	16 383	<div><div></div></div>	-1	6 747	2 427	<div><div></div></div>	6 679	<div><div></div></div> 1,50%
Cato Neimoidia	SQL Server 2005 (SP4)	Aegir	<div><div></div></div>	4 095	<div><div></div></div>	3 900	2 899	2 613	<div><div></div></div>	2 900	<div><div></div></div> 0,70%
StarkillerBase	SQL Server 2012 (SP3)	Kari	<div><div></div></div>	61 439	<div><div></div></div>	45 600	45 549	17 707	<div><div></div></div>	45 562	<div><div></div></div> 0,00%
Malachor	SQL Server 2016 (SP2)	Jarnsaxa	<div><div></div></div>	57 343	<div><div></div></div>	30 000	29 999	23 401	<div><div></div></div>	29 999	<div><div></div></div> 0,00%
Anoat	SQL Server 2008 (SP3)	Bebhionn	<div><div></div></div>	16 383	<div><div></div></div>	8 000	8 000	2 966	<div><div></div></div>	8 000	<div><div></div></div> 0,00%
Ruusan	SQL Server 2014 (SP3)	Nix	<div><div></div></div>	16 383	<div><div></div></div>	-1	11 524	7 689	<div><div></div></div>	10 735	<div><div></div></div> 4,20%
Malastare	SQL Server 2014 (SP3)	Larissa	<div><div></div></div>	131 071	<div><div></div></div>	85 000	84 999	70 722	<div><div></div></div>	84 999	<div><div></div></div> 0,00%
Florrum	SQL Server 2012 (SP3)	Hyperion	<div><div></div></div>	32 767	<div><div></div></div>	24 000	24 000	11 833	<div><div></div></div>	23 998	<div><div></div></div> 0,00%
Ruusan	SQL Server 2008 (SP3)	Telesto	<div><div></div></div>	16 383	<div><div></div></div>	10 300	7 983	2 927	<div><div></div></div>	7 983	<div><div></div></div> 0,00%
StarkillerBase	SQL Server 2012 (SP3)	Sinope	<div><div></div></div>	8 191	<div><div></div></div>	-1	2 958	1 028	<div><div></div></div>	3 024	<div><div></div></div> 4,70%
Dantooine	SQL Server 2012 (SP3)	Hippocamp	<div><div></div></div>	61 439	<div><div></div></div>	45 600	21 865	18 478	<div><div></div></div>	21 869	<div><div></div></div> 0,00%
Maridun	SQL Server 2005 (SP4)	Galatea	<div><div></div></div>	4 095	<div><div></div></div>	-1	3 038	2 104	<div><div></div></div>	3 035	<div><div></div></div> 0,50%
StarkillerBase	SQL Server 2017 (RTM)	Helene	<div><div></div></div>						<div><div></div></div>		<div><div></div></div> -1,00%
ConcordDawn	SQL Server 2017 (RTM)	Umbriel	<div><div></div></div>	261 792	<div><div></div></div>	200 000	200 000	183 796	<div><div></div></div>	199 997	<div><div></div></div> 0,00%
LahMu	SQL Server 2017 (RTM)	Eukelade	<div><div></div></div>	262 143	<div><div></div></div>	-1	244 210	231 098	<div><div></div></div>	244 312	<div><div></div></div> 0,10%
Ryloth	SQL Server 2019 (RTM)	Cordelia	<div><div></div></div>	65 534	<div><div></div></div>	60 288	1 132	87	<div><div></div></div>	1 097	<div><div></div></div> 1,50%
Iridonia	SQL Server 2014 (SP3)	Cyllene	<div><div></div></div>	32 767	<div><div></div></div>	30 000	29 999	24 665	<div><div></div></div>	28 066	<div><div></div></div> 7,00%
Ruusan	SQL Server 2017 (RTM)	Jarnsaxa	<div><div></div></div>	32 767	<div><div></div></div>	30 000	27 308	17 724	<div><div></div></div>	27 352	<div><div></div></div> 0,30%
Bespin	SQL Server 2019 (RTM)	Thebe	<div><div></div></div>	65 535	<div><div></div></div>	60 288	1 505	214	<div><div></div></div>	1 472	<div><div></div></div> 3,20%
Crait	SQL Server 2012 (SP4)	Hippocamp	<div><div></div></div>	16 383	<div><div></div></div>	12 288	12 277	5 209	<div><div></div></div>	12 279	<div><div></div></div> 0,00%
Mygeeto	SQL Server 2019 (RTM)	Galatea	<div><div></div></div>	65 534	<div><div></div></div>	60 288	5 764	798	<div><div></div></div>	4 778	<div><div></div></div> 19,60%
Umbara	SQL Server 2012 (SP3)	Valetudo	<div><div></div></div>	16 383	<div><div></div></div>	13 925	10 988	7 141	<div><div></div></div>	11 064	<div><div></div></div> 6,20%
Geonosis	SQL Server 2014 (SP3)	Prospero	<div><div></div></div>	16 383	<div><div></div></div>	12 400	12 399	7 953	<div><div></div></div>	12 398	<div><div></div></div> 0,00%
Devaron	SQL Server 2014 (SP3)	Hyperion	<div><div></div></div>	16 383	<div><div></div></div>	12 000	11 999	8 816	<div><div></div></div>	11 999	<div><div></div></div> 0,00%



Capacity planning

Name	Platform	Activity	DC size (MB)	DB count	#1 Database	#1 Usage %	#1 MB	#2 Database	#2 Usage %	#2 MB	#3 Database	#3 MB	#4 Database	#4 MB	Deviation %
Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter
Cato Neimoidia	SQL Server 2005 (S...	<div><div></div></div>	2 604	29	Caliban	<div><div></div></div> 42,57	1 135	Mundilfari	<div><div></div></div> 25,17%	671	Neso	324	Pasithee	213	17,21%
Lothal	SQL Server 2012 (S...	<div><div></div></div>	2 429	15	Thrymr	<div><div></div></div> 42,78	1 037	Thelxinoe	<div><div></div></div> 41,91%	1 016	Sponde	117	Adrastea	80	4,25%
Eadu	SQL Server 2017 (R...	<div><div></div></div>	170 270	11	Iapetus	<div><div></div></div> 37,8	64 363	Belinda	<div><div></div></div> 20,94%	35 652	Stephano	30 740	Sao	18 660	30,50%
Malastare	SQL Server 2014 (S...	<div><div></div></div>	70 752	20	Ophelia	<div><div></div></div> 69,68	49 272	Euporie	<div><div></div></div> 14,34%	10 138	Sponde	8 863	Sponde	1 461	21,71%
StarkillerBase	SQL Server 2012 (S...	<div><div></div></div>	17 707	24	Hiriaka	<div><div></div></div> 76,99	13 634	Themisto	<div><div></div></div> 8,21%	1 454	Naiad	860	Ananke	510	7,12%
Anoat	SQL Server 2008 (S...	<div><div></div></div>	2 966	13	Desdemona	<div><div></div></div> 87,18	2 612	Charon	<div><div></div></div> 2,10%	63	Sponde	59	Aegir	54	38,56%
Malachor	SQL Server 2016 (S...	<div><div></div></div>	23 401	39	Aoede	<div><div></div></div> 64,62	15 110	Aitne	<div><div></div></div> 14,88%	3 479	Loge	1 775	Styx	1 551	36,64%
Ruusan	SQL Server 2014 (S...	<div><div></div></div>	7 689	8	Setebos	<div><div></div></div> 75,28	5 789	Mneme	<div><div></div></div> 22,91%	1 762	Sponde	113	Bestla	10	5,56%
Iridonia	SQL Server 2014 (S...	<div><div></div></div>	24 665	11	Metis	<div><div></div></div> 88,02	21 709	Stephano	<div><div></div></div> 11,82%	2 915	Sao	10	Leda	10	73,07%
Maridun	SQL Server 2005 (S...	<div><div></div></div>	2 104	41	Naiad	<div><div></div></div> 16,83	354	Sponde	<div><div></div></div> 16,59%	349	Themisto	275	Hyrrokkinn	221	6,88%
StarkillerBase	SQL Server 2012 (S...	<div><div></div></div>	1 028	16	Eukelade	<div><div></div></div> 31,32	322	Sponde	<div><div></div></div> 25,49%	262	Nix	248	Bestla	60	6,77%
Florrum	SQL Server 2012 (S...	<div><div></div></div>	11 834	12	Erriapus	<div><div></div></div> 46,84	5 542	Sponde	<div><div></div></div> 43,81%	5 184	Arche	1 039	Herse	19	48,20%
Geonosis	SQL Server 2014 (S...	<div><div></div></div>	7 953	38	Puck	<div><div></div></div> 62,91	5 003	Euanthe	<div><div></div></div> 34,86%	2 772	Sponde	137	Sao	10	72,85%
Mygeeto	SQL Server 2019 (R...	<div><div></div></div>	798	8	Sponde	<div><div></div></div> 70,8	565	Elara	<div><div></div></div> 9,40%	75	Phobos	64	Galatea	43	5,29%
Crait	SQL Server 2012 (S...	<div><div></div></div>	5 209	8	Setebos	<div><div></div></div> 98,27	5 119	Sponde	<div><div></div></div> 0,75%	39	Jarnsaxa	15	Bestla	14	73,42%
Bespin	SQL Server 2019 (R...	<div><div></div></div>	214	6	Sponde	<div><div></div></div> 28,04	60	Styx	<div><div></div></div> 24,30%	52	Loge	52	Sao	9	1,39%
Umbara	SQL Server 2012 (S...	<div><div></div></div>	7 142	19	Kari	<div><div></div></div> 50,36	3 596	Namaka	<div><div></div></div> 22,51%	1 607	Sponde	814	Eurydome	426	37,74%
Ruusan	SQL Server 2008 (S...	<div><div></div></div>	2 927	11	Pandora	<div><div></div></div> 44,79	1 311	Sponde	<div><div></div></div> 44,28%	1 296	Bestla	139	Cupid	67	1,43%
ConcordDawn	SQL Server 2017 (R...	<div><div></div></div>	183 800	11	Iapetus	<div><div></div></div> 41,59	76 441	Belinda	<div><div></div></div> 37,99%	69 821	Stephano	28 764	Sponde	4 532	24,26%
Dantooine	SQL Server 2012 (S...	<div><div></div></div>	18 478	24	Sponde	<div><div></div></div> 88,37	16 329	Hiriaka	<div><div></div></div> 4,05%	748	Themisto	576	Ananke	532	0,01%
Ruusan	SQL Server 2017 (R...	<div><div></div></div>	17 724	16	Suttungr	<div><div></div></div> 55,04	9 755	Eurydome	<div><div></div></div> 37,88%	6 714	Kalyke	317	Eurydome	313	67,35%
Ryloth	SQL Server 2019 (R...	<div><div></div></div>	87	4	Sponde	<div><div></div></div> 68,97	60	Sao	<div><div></div></div> 6,90%	6	Bestla	4	Kale	1	0,00%
LahMu	SQL Server 2017 (R...	<div><div></div></div>	231 105	9	Belinda	<div><div></div></div> 38,72	89 475	Iapetus	<div><div></div></div> 33,28%	76 898	Stephano	51 483	Sao	6 677	7,39%
Devaron	SQL Server 2014 (S...	<div><div></div></div>	8 818	17	Iocaste	<div><div></div></div> 82,26	7 252	Erinome	<div><div></div></div> 15,15%	1 336	Sponde	154	Deimos	39	0,10%
Jedha	SQL Server 2008 R...	<div><div></div></div>	5 127	44	Sponde	<div><div></div></div> 89,27	4 577	Atlas	<div><div></div></div> 3,20%	164	Hermippe	96	Mab	53	2,09%



Patching and security

Instance details

Notes

+

Job description

Checks latest updates for Microsoft SQL Server.

Jobs

Filter

POS-SQL01

Availability

Capacity

Cluster and Replication

Compliance

MS SQL Server patch status

Maintenance

Performance

Performance extention (Brent Oza)

Job execution statistics

STATUS	NAME	VERSION	LAST RUN	SCHEDULE	NEXT RUN	DETAILS
	MS SQL Server patch status	1.5	05:05:27	5 5,19 **	19:05:45	7 years has past since patch "SP3 " release (2015-07-14). ...

Job parameter overview

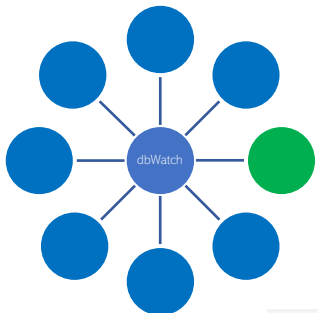
PARAMETER NAME	PARAMETER VALUE	DESCRIPTION
Filter	Filter	Filter
return status (extended support end)	1	Return status value (ALARM - 2, WARNING - 1, or OK - 0) when the "extended support end ...
return status (last patch release)	1	Return status value (ALARM - 2, WARNING - 1, or OK - 0) when the "last patch release thres...
return status (support end)	1	Return status value (ALARM - 2, WARNING - 1, or OK - 0) when the "support end date thres...
support end date threshold	30	Warning/Alarm threshold (in days) before support end date.

Job alert history (last 20)

STATUS	STATUS TIME	ACKNOWLEDGED	DETAILS
Filter	Filter	Filter	Filter
	05:05:27	false	7 years has past since patch "SP3 " release (2015-07-14). Current patch: "SP3 ", released: 2014-09-26. Alarm/warning threshold: 60 day...
	16.mar.2022 19:05:49	false	7 years has past since patch "SP3 MS15-058: QFE Security Update" release (2015-07-14). Current patch: "SP3 ", released: 2014-09-26. Al...
	16.mar.2022 05:05:49	false	7 years has past since patch "SP3 MS15-058: QFE Security Update" release (2015-07-14). Current patch: "SP3 ", released: 2014-09-26. Al...
	15.mar.2022 19:05:35	false	7 years has past since patch "SP3 MS15-058: QFE Security Update" release (2015-07-14). Current patch: "SP3 ", released: 2014-09-26. Al...

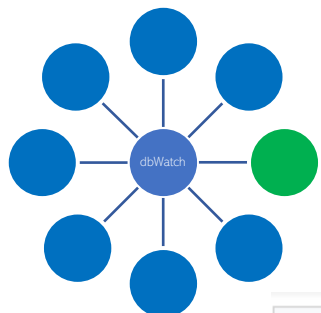
Job execution details from all instances where the job is installed.

GROUP	INSTANCE	STATUS	VERSION	LAST RUN	SCHEDULE	DETAILS
Filter	Filter	Filter	Filter	Filter	Filter	Filter
Produktion	Nille-SQL01 SBI		1.5	05:05:27	5 5,19 **	Last patch "RTM CU27" deployed (released: 2021-10-27). 7 mon...
Test	NILLE-SQL02 SBI		1.5	05:05:25	5 5,19 **	Last patch "RTM CU27" deployed (released: 2021-10-27). 7 mon...
Test	Nille-Test-Sql TEST01		1.5	05:05:45	5 5,19 **	14 months has past since patch "SP3 " release (2021-01-12). Cur...
Produktion	POS-SQL01		1.5	05:05:27	5 5,19 **	7 years has past since patch "SP3 " release (2015-07-14). Curren...
AlwaysOn	nille-sql04		1.5	05:05:27	5 5,19 **	14 months has past since patch "SP3 CU4" release (2021-01-12)...
AlwaysOn	nille-sql07		1.5	05:05:27	5 5,19 **	14 months has past since patch "SP3 CU4" release (2021-01-12)...
AlwaysOn	nille-sql08		1.5	05:05:27	5 5,19 **	14 months has past since patch "SP3 CU4" release (2021-01-12)...
AlwaysOn	nille-sql05		1.5	05:05:27	5 5,19 **	14 months has past since patch "SP3 CU4" release (2021-01-12)...
Produktion	DRIFT1 on nille-sql09		1.5	05:05:27	5 5,19 **	14 months has past since patch "SP3 CU4" release (2021-01-12)...



Patching and security

INSTANCE	HOST	CURRENT VERSION ▼	CURRENT PATCH	CURRENT BRANCH	RELEASED	LAST PATCH	LAST BRANCH	LAST RELEASE	AVAILABLE PATCHES	STATUS	URL
Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter	Filter
Kamino	SDASQL19-2	SQL Server 2019 (CU13)	4178	CU13	2021-10-05	4198	CU15	2022-01-27	2	ALARM	https://support...
Florum	NILLE-SQL01	SQL Server 2017 (CU28)	3430	CU28		3421	RTM CU27	2021-10-27	0	OK	https://support...
Ruusan	BUSICENTSQL	SQL Server 2017 (CU22)	3370	RTM CU22 GDR	2021-01-12	3421	RTM CU27	2021-10-27	5	ALARM	https://support...
Eadu	PDMSQL	SQL Server 2017 (CU22)	3370	RTM CU22 GDR	2021-01-12	3421	RTM CU27	2021-10-27	5	ALARM	https://support...
Cantonica	PDMSQL	SQL Server 2017 (CU22)	3370	RTM CU22 GDR	2021-01-12	3421	RTM CU27	2021-10-27	5	ALARM	https://support...
Coruscant	SDASQL16-DEV	SQL Server 2016 (CU7)	5366	CU7		6404	SP3 GDR	2021-10-27	13	ALARM	https://support...
HosnianPrime	SDASQL16-STG	SQL Server 2016 (CU15)	5865	SP2 CU15 GDR	2021-01-12	6404	SP3 GDR	2021-10-27	4	ALARM	https://support...
Mortis	SDASQL16-DEV	SQL Server 2016 (CU15)	5865	SP2 CU15 GDR	2021-01-12	6404	SP3 GDR	2021-10-27	4	ALARM	https://support...
Cantonica	SDASQL16-DEV	SQL Server 2016 (CU15)	5865	SP2 CU15 GDR	2021-01-12	6404	SP3 GDR	2021-10-27	4	ALARM	https://support...
Devaron	SDASQL16	SQL Server 2016 (CU15)	5865	SP2 CU15 GDR	2021-01-12	6404	SP3 GDR	2021-10-27	4	ALARM	https://support...
Dantooine	SDASQL16	SQL Server 2016 (CU15)	5865	SP2 CU15 GDR	2021-01-12	6404	SP3 GDR	2021-10-27	4	ALARM	https://support...
Ilum	SDASQL16-2	SQL Server 2016 (CU15)	5865	SP2 CU15 GDR	2021-01-12	6404	SP3 GDR	2021-10-27	4	ALARM	https://support...
Jedha	SDASQL16-DEV	SQL Server 2016 (CU15)	5865	SP2 CU15 GDR	2021-01-12	6404	SP3 GDR	2021-10-27	4	ALARM	https://support...
OrdMantell	SDASQLREPTST	SQL Server 2016 (CU15)	5865	SP2 CU15 GDR	2021-01-12	6404	SP3 GDR	2021-10-27	4	ALARM	https://support...
Subterrel	SDASQL16	SQL Server 2016 (CU15)	5865	SP2 CU15 GDR	2021-01-12	6404	SP3 GDR	2021-10-27	4	ALARM	https://support...
HosnianPrime	SDASQL16-DEV	SQL Server 2016 (CU15)	5865	SP2 CU15 GDR	2021-01-12	6404	SP3 GDR	2021-10-27	4	ALARM	https://support...
Felucia	SDASQL16-DEV	SQL Server 2016 (CU15)	5865	SP2 CU15 GDR	2021-01-12	6404	SP3 GDR	2021-10-27	4	ALARM	https://support...



Patching and security

PLATFORM_INFO	STATUS	NAME	DETAILS
Filter	Filter	Filter	Filter
SQL Server 2019 (CU13)	🔧	SDASQL19-2	4 months has past since patch "CU14" release (2021-11-22). Current patch: "CU13", released: 2021-10-05. Alarm/warning thres...
SQL Server 2017 (CU28)	✅	Nille-SQL01 SBI	Last patch "RTM CU27" deployed (released: 2021-10-27). 7 months to "Support end date" (2022-10-11). 5 years to "Extended s...
SQL Server 2017 (CU22)	🔧	DATAFANGSTARKIV	13 months has past since patch "RTM CU23" release (2021-02-25). Current patch: "RTM CU22 GDR", released: 2021-01-12. Alar...
SQL Server 2017 (CU22)	🔧	PDMSQL	13 months has past since patch "RTM CU23" release (2021-02-25). Current patch: "RTM CU22 GDR", released: 2021-01-12. Alar...
SQL Server 2017 (CU22)	🔧	busicentsql	13 months has past since patch "RTM CU23" release (2021-02-25). Current patch: "RTM CU22 GDR", released: 2021-01-12. Alar...
SQL Server 2016 (CU7)	🔧	SDASQL16-DEV TSTDW	5 months has past since patch "SP2 CU7" release (2021-10-27). Current patch: "SP2 CU7", released: 2019-05-23. Alarm/warnin...
SQL Server 2016 (CU15)	🔧	AZURE	13 months has past since patch "SP2 CU16" release (2021-02-11). Current patch: "SP2 CU15 GDR", released: 2021-01-12. Alarm/...
SQL Server 2016 (CU15)	🔧	SDASQL16 BIZ	13 months has past since patch "SP2 CU16" release (2021-02-11). Current patch: "SP2 CU15 GDR", released: 2021-01-12. Alarm/...
SQL Server 2016 (CU15)	🔧	SDASQL16 DW	13 months has past since patch "SP2 CU16" release (2021-02-11). Current patch: "SP2 CU15 GDR", released: 2021-01-12. Alarm/...
SQL Server 2016 (CU15)	🔧	SDASQL16 VSYS	13 months has past since patch "SP2 CU16" release (2021-02-11). Current patch: "SP2 CU15 GDR", released: 2021-01-12. Alarm/...
SQL Server 2016 (CU15)	🔧	SDASQL16-2	13 months has past since patch "SP2 CU16" release (2021-02-11). Current patch: "SP2 CU15 GDR", released: 2021-01-12. Alarm/...
SQL Server 2016 (CU15)	🔧	SDASQL16-DEV TSTBIZ	13 months has past since patch "SP2 CU16" release (2021-02-11). Current patch: "SP2 CU15 GDR", released: 2021-01-12. Alarm/...
SQL Server 2016 (CU15)	🔧	SDASQL16-DEV TSTVSY	13 months has past since patch "SP2 CU16" release (2021-02-11). Current patch: "SP2 CU15 GDR", released: 2021-01-12. Alarm/...
SQL Server 2016 (CU15)	🔧	SDASQL16-DEV UTVBIZ	13 months has past since patch "SP2 CU16" release (2021-02-11). Current patch: "SP2 CU15 GDR", released: 2021-01-12. Alarm/...
SQL Server 2016 (CU15)	🔧	SDASQL16-DEV UTVDW	13 months has past since patch "SP2 CU16" release (2021-02-11). Current patch: "SP2 CU15 GDR", released: 2021-01-12. Alarm/...
SQL Server 2016 (CU15)	🔧	SDASQL16-DEV UTVVSY	13 months has past since patch "SP2 CU16" release (2021-02-11). Current patch: "SP2 CU15 GDR", released: 2021-01-12. Alarm/...
SQL Server 2016 (CU15)	🔧	SDASQL16-STG VSY	13 months has past since patch "SP2 CU16" release (2021-02-11). Current patch: "SP2 CU15 GDR", released: 2021-01-12. Alarm/...
SQL Server 2014 (SP3)	🔧	Nille-Test-Sql TEST01	4 years has past since patch "SP3 GDR" release (2018-12-12). Current patch: "SP3 ", released: 2018-10-30. Alarm/warning thres...
SQL Server 2014 (SP2)	🔧	RAGGR02	6 years has past since patch "SP2 CU1" release (2016-08-25). Current patch: "SP2 ", released: 2016-07-11. Alarm/warning thres...
SQL Server 2014 (CU4)	🔧	DRIFT1 on nille-sql09	2 years has past since patch "SP3 CU4 GDR" release (2020-02-11). Current patch: "SP3 CU4", released: 2019-07-29. Alarm/war...
SQL Server 2014 (CU4)	🔧	NILLE-SQL03	2 years has past since patch "SP3 CU4 GDR" release (2020-02-11). Current patch: "SP3 CU4", released: 2019-07-29. Alarm/war...
SQL Server 2014 (CU4)	🔧	NILLE-SQL02 - SQL LANGU...	2 years has past since patch "SP3 CU4 GDR" release (2020-02-11). Current patch: "SP3 CU4", released: 2019-07-29. Alarm/war...

Benefits

- Designed from the ground up with a database focus
- Easy to deploy and get in control
- Features for both small and large enterprises
- Best combination of out-of-the-box and customization
- Historical data and FDL gives greater insight
- One solution for all your database monitoring needs
- Proven track record
- Supported by experienced DBA's



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Amazon RDS



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Questions?



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