

This report was generated by the completely free sp\_Blitz<sup>™</sup> tool.

	Findings Group	Database Name
Priority	Finding	
	Backup	BtisQueue_v1_2
	<b>Backups Not Performed Recently</b>	
1	Database BtisQueue_v1_2 last backed up	o: May 15 2014 1:33PM
	Mara inform	pation at http://BrontOzar.com/go/nobak
	Backup	nation at: http://BrentOzar.com/go/nobak  CashTrace
	Backups Not Performed Recently	Casiiiiace
1	Database CashTrace last backed up: May	15 2014 1:40PM
	Buttabase casiffrace last backed up! Flay	13 2011 11 10111
	More inform	nation at: http://BrentOzar.com/go/nobak
	Backup	CashVault
	Backups Not Performed Recently	
1	Database CashVault last backed up: May	15 2014 1:57PM
	More inform	nation at: http://BrentOzar.com/go/nobak
	Backup	master
	Backups Not Performed Recently	
1	Database master last backed up: May 15 2014 1:26PM	
		nation at: http://BrentOzar.com/go/nobak
	Backup  Backups Not Performed Recently	model
1		
_	Database model last backed up: May 15 2014 1:26PM	
	More information at: http://BrentOzar.com/go/nobak	
	Backup	msdb
_	Backups Not Performed Recently	
1	Database msdb last backed up: May 15 2014 1:26PM	
	More information at: http://BrentOzar.com/go/nobak	
	Backup	WorkflowStore
	Backups Not Performed Recently	
1	Database WorkflowStore never backed up.	
	Database Workhowstore never backed up.	
		nation at: http://BrentOzar.com/go/nobak
	Backup	BtisQueue_v1_2
	Full Recovery Mode w/o Log Backups	
1	Database BtisQueue_v1_2 is in FULL recovery mode but has not had a log backup in the last week.	
	THE IDE WEEK	
	More inform	ation at: http://BrentOzar.com/go/biglogs



	Findings Group	Database Name
Priority	Finding	
	Backup	CashVault
	Full Recovery Mode w/o Log Backup	s
1		mode but has not had a log backup in the
	More inform	ation at: http://BrentOzar.com/go/biglogs
	Backup	WorkflowStore
	Full Recovery Mode w/o Log Backup	s
1	Database WorkflowStore is in FULL recoving the last week.	
	Performance	ation at: http://BrentOzar.com/go/biglogs
	Poison Wait Detected: Serializable Lo	ncking
		-
10	859988 milliseconds of this wait have been recorded. Queries are forcing serial operation (one query at a time) with lock hints.	
		n at: http://BrentOzar.com/go/serializable
	Performance	
	Poison Wait Detected: Serializable Locking	
10	941983 milliseconds of this wait have been recorded. Queries are forcing serial operation (one query at a time) with lock hints.	
	More information at: http://BrentOzar.com/go/se	
	Security	
	Security Admins	
10	Login [ABSOLUTE\cgibbs] is a security admin - meaning they can give themselves permission to do absolutely anything in SQL Server, including dropping databases or hiding their tracks.	
	More in	formation at: http://BrentOzar.com/go/sa
	Security	
	Security Admins	
10	Login [cgibbs] is a security admin - meaning they can give themselves permission to do absolutely anything in SQL Server, including dropping databases or hiding their tracks.	
	More information at: http://BrentOzar	
	Security	
	Security Admins	
10	Login [cvlok] is a security admin - mean to do absolutely anything in SQL Server, their tracks.	ing they can give themselves permission including dropping databases or hiding
	More in	formation at: http://BrentOzar.com/go/sa



	Findings Group Databas	e Name	
Priority	Finding		
	Security		
	Security Admins		
	Login [FritzN] is a security admin - meaning they ca	an give themselves permission	
10	to do absolutely anything in SQL Server, including of		
	their tracks.		
		at: http://BrentOzar.com/go/sa	
	Security		
	Sysadmins		
10	Login [ABSOLUTE\cashadmin] is a sysadmin - mean		
	anything in SQL Server, including dropping databas	ses or hiding their tracks.	
	More information	at: http://BrentOzar.com/go/sa	
	Security	at. http://brentozar.com/go/sa	
	Sysadmins		
	·		
10	Login [ABSOLUTE\cgibbs] is a sysadmin - meaning anything in SQL Server, including dropping database		
	anything in SQL Server, including dropping databas	ses of filding their tracks.	
	More information	at: http://BrentOzar.com/go/sa	
	Security	-	
	Sysadmins		
10	Login [ABSOLUTE\HDiesel] is a sysadmin - meaning	they can do absolutely	
10	anything in SQL Server, including dropping databases or hiding their tracks.		
	More information at: http://BrentOzar.com/		
	Security		
	Sysadmins		
10	Login [NT Service\MSSQLSERVER] is a sysadmin -		
10	absolutely anything in SQL Server, including dropping databases or hiding their tracks.		
	tracks.		
	More information	at: http://BrentOzar.com/go/sa	
	Security		
	Sysadmins		
	Login [NT SERVICE\SQLSERVERAGENT] is a sysadn	nin - meaning they can do	
10	absolutely anything in SQL Server, including droppi		
	tracks.		
		at: http://BrentOzar.com/go/sa	
	Security		
	Sysadmins		
10	Login [NT SERVICE\SQLWriter] is a sysadmin - mea		
	anything in SQL Server, including dropping databas	ses or hiding their tracks.	
	More information	at: http://BrentOzar.com/go/sa	
	More information at: http://BrentOzar.com/go/sa		



	Findings Group	Database Name
Priority	Finding	
	Security	
10	Sysadmins	
	Login [NT SERVICE\Winmgmt] is a sysadr anything in SQL Server, including dropping	
	More info	ormation at: http://BrentOzar.com/go/sa
	Security	CashTrace
	<b>Elevated Permissions on a Database</b>	
20	In [CashTrace], user [ABSOLUTE\ProdAdn can perform tasks beyond just reading an	d writing data.
		on at: http://BrentOzar.com/go/elevated
	Security	CashTrace
	Elevated Permissions on a Database	
20	In [CashTrace], user [FritzN] has the role [db_ddladmin]. This user can perform tasks beyond just reading and writing data.	
	More information	on at: http://BrentOzar.com/go/elevated
	Security	CashVault
	<b>Elevated Permissions on a Database</b>	
20	In [CashVault], user [ABSOLUTE\ASPROD07\$] has the role [db_owner]. This user can perform tasks beyond just reading and writing data.	
	More information	on at: http://BrentOzar.com/go/elevated
	Security	CashVault
	<b>Elevated Permissions on a Database</b>	
20	In [CashVault], user [ABSOLUTE\ASPRODREP\$] has the role [db_owner]. This user can perform tasks beyond just reading and writing data.	
	More information	on at: http://BrentOzar.com/go/elevated
	Security	CashVault
	Elevated Permissions on a Database	
20	In [CashVault], user [ABSOLUTE\ProdAdmin] has the role [db_owner]. This user can perform tasks beyond just reading and writing data.	
	More information	on at: http://BrentOzar.com/go/elevated
	Security	CashVault
	Elevated Permissions on a Database	
20	In [CashVault], user [BUILTIN\Users] has the role [db_owner]. This user can perform tasks beyond just reading and writing data.	
	More information	on at: http://BrentOzar.com/go/elevated
	Security	CashVault
	<b>Elevated Permissions on a Database</b>	
20	In [CashVault], user [cashvault] has the role [db_owner]. This user can perform tasks beyond just reading and writing data.	
	More information	on at: http://BrentOzar.com/go/elevated



	Findings Group	Database Name
Priority	Finding	
	Security	WorkflowStore
	Elevated Permissions on a Database	
20	In [WorkflowStore], user [ABSOLUTE\AS This user can perform tasks beyond just	
	More informa	tion at: http://BrentOzar.com/go/elevated
	Security	WorkflowStore
	<b>Elevated Permissions on a Database</b>	
20	In [WorkflowStore], user [ABSOLUTE\Cashadmin] has the role [db_ddladmin]. This user can perform tasks beyond just reading and writing data.	
		tion at: http://BrentOzar.com/go/elevated
	Security	WorkflowStore
	Elevated Permissions on a Database	
20	In [WorkflowStore], user [ABSOLUTE\Cashadmin] has the role [db_owner]. This user can perform tasks beyond just reading and writing data.	
	More informa	tion at: http://BrentOzar.com/go/elevated
	Security	WorkflowStore
	<b>Elevated Permissions on a Database</b>	
20	In [WorkflowStore], user [ABSOLUTE\ProdAdmin] has the role [db_owner]. This user can perform tasks beyond just reading and writing data.	
	More informa	tion at: http://BrentOzar.com/go/elevated
	Security	WorkflowStore
	Elevated Permissions on a Database	
20	In [WorkflowStore], user [cashvault] has the role [db_owner]. This user can perform tasks beyond just reading and writing data.	
	More informa	tion at: http://BrentOzar.com/go/elevated
	Security	WorkflowStore
	Elevated Permissions on a Database	
20	In [WorkflowStore], user [NED_user] has the role [db_owner]. This user can perform tasks beyond just reading and writing data.	
	More informa	tion at: http://BrentOzar.com/go/elevated
	Reliability	WorkflowStore
	Collation for WorkflowStore differen	t than tempdb collation
50	Collation differences between user datable especially when comparing string values	
	More inform	nation at: http://BrentOzar.com/go/collate



	Findings Group	Database Name
Priority	Finding	
	Reliability	CashTrace
	Last good DBCC CHECKDB over 2 wee	eks old
50	CHECKDB against that to minimize impact warning.	orruption as soon as possible. Note: you n database to a test server and run DBCC
	CashVault	
	Reliability  Last good DBCC CHECKDB over 2 wee	eks old
50	Database [CashVault] last had a successful DBCC CHECKDB run on 2013-11-18 10:27:37.637. This check should be run regularly to catch any database corruption as soon as possible. Note: you can restore a backup of a busy production database to a test server and run DBCC CHECKDB against that to minimize impact. If you do that, you can ignore this warning.	
		cion at: http://BrentOzar.com/go/checkdb
	Reliability	tempdb
	Last good DBCC CHECKDB over 2 wee	
50	Database [tempdb] never had a successful DBCC CHECKDB. This check should be run regularly to catch any database corruption as soon as possible. Note: you can restore a backup of a busy production database to a test server and run DBCC CHECKDB against that to minimize impact. If you do that, you can ignore this warning.	
	More informat	cion at: http://BrentOzar.com/go/checkdb
	Reliability	WorkflowStore
	Last good DBCC CHECKDB over 2 weeks old	
50	Database [WorkflowStore] never had a successful DBCC CHECKDB. This check should be run regularly to catch any database corruption as soon as possible. Note: you can restore a backup of a busy production database to a test server and run DBCC CHECKDB against that to minimize impact. If you do that, you can ignore this warning.	
	More information at: http://BrentOzar.com/go/checkdb	
	Reliability	CashVault
	Page Verification Not Optimal	
50	Database [CashVault] has NONE for page verification. SQL Server may have a harder time recognizing and recovering from storage corruption. Consider using CHECKSUM instead.	
	1	rmation at: http://BrentOzar.com/go/torn
	Performance	master
	File growth set to percent	
100	The [master] database is using percent fi control filegrowth.	legrowth settings. This can lead to out of
	More information at	: http://brentozar.com/go/percentgrowth



	Findings Group D	Database Name	
Priority	Finding		
	Performance	nodel	
	File growth set to percent		
100	The [model] database is using percent fileg control filegrowth.	rowth settings. This can lead to out of	
	More information at: http://brentozar.com/go/percentgrov		
	Performance n	nsdb	
	File growth set to percent		
100	The [msdb] database is using percent filegrowth settings. This can lead to out of control filegrowth.		
	More information at: h	http://brentozar.com/go/percentgrowth	
	Performance B	stisQueue_v1_2	
	Foreign Keys Not Trusted		
100	The [BtisQueue_v1_2] database has foreign keys that were probably disabled, data was changed, and then the key was enabled again. Simply enabling the key is not enough for the optimizer to use this key - we have to alter the table using the WITH CHECK CHECK CONSTRAINT parameter.		
		ation at: http://BrentOzar.com/go/trust	
	Performance C	CashTrace	
	Foreign Keys Not Trusted		
100	The [CashTrace] database has foreign keys that were probably disabled, data was changed, and then the key was enabled again. Simply enabling the key is not enough for the optimizer to use this key - we have to alter the table using the WITH CHECK CHECK CONSTRAINT parameter.		
	More information at: http://BrentOzar.com/go/trust		
		CashVault	
100	The [CashVault] database has foreign keys that were probably disabled, data was changed, and then the key was enabled again. Simply enabling the key is not enough for the optimizer to use this key - we have to alter the table using the WITH CHECK CHECK CONSTRAINT parameter.		
	More informa	ation at: http://BrentOzar.com/go/trust	
	Performance to	empdb	
	Multiple Log Files on One Drive		
100	The [tempdb] database has multiple log files on the H drive. This is not a performance booster because log file access is sequential, not parallel.		
		at: http://BrentOzar.com/go/manylogs	
	Performance		
	Poison Wait Detected: THREADPOOL		
100	89214 milliseconds of this wait have been reperformance problems.	recorded. This wait often indicates killer	
	More informati	ion at: http://BrentOzar.com/go/poison	



	Findings Group Databa	ase Name
Priority	Finding	
	Performance	
	Slow Storage Reads on Drive E	
100	Reads are averaging longer than 100ms for at lease For specific database file speeds, run the query file.	
	More information	at: http://BrentOzar.com/go/slow
	Performance	
	Slow Storage Writes on Drive E	
100	Writes are averaging longer than 20ms for at lea specific database file speeds, run the query from	the information link.
		at: http://BrentOzar.com/go/slow
	Performance	
	Slow Storage Writes on Drive F	
100	Writes are averaging longer than 20ms for at lea specific database file speeds, run the query from	
	More information	at: http://BrentOzar.com/go/slow
	Performance	
	Slow Storage Writes on Drive G	
100	Writes are averaging longer than 20ms for at least one database on this drive. For specific database file speeds, run the query from the information link.	
	More information	at: http://BrentOzar.com/go/slow
	Performance	
	Slow Storage Writes on Drive H	
100	Writes are averaging longer than 20ms for at least one database on this drive. For specific database file speeds, run the query from the information link.	
	More information at: http://BrentOzar.com/go/slow	
	Performance CashT	race
	<b>Active Tables Without Clustered Indexes</b>	
110	The [CashTrace] database has heaps - tables wit being actively queried.	hout a clustered index - that are
	More information at	: http://BrentOzar.com/go/heaps
	Performance Workf	lowStore
	<b>Active Tables Without Clustered Indexes</b>	
110	The [WorkflowStore] database has heaps - tables are being actively queried.	without a clustered index - that
	More information at	: http://BrentOzar.com/go/heaps
	Performance CashT	race
	<b>Inactive Tables Without Clustered Indexes</b>	
110	The [CashTrace] database has heaps - tables without a clustered index - that have not been queried since the last restart. These may be backup tables carelessly left behind.	
	More information at	:: http://BrentOzar.com/go/heaps



	Findings Group	Database Name
Priority	Finding	
	Performance	CashVault
	Inactive Tables Without Clustered In	dexes
110		bles without a clustered index - that have nese may be backup tables carelessly left
	More information at: http://BrentOzar.com/go/heap	
	Performance WorkflowStore	
	<b>Inactive Tables Without Clustered In</b>	dexes
110	The [WorkflowStore] database has heaps - tables without a clustered index - that have not been queried since the last restart. These may be backup tables carelessly left behind.	
	More inform	nation at: http://BrentOzar.com/go/heaps
	Performance	CashTrace
	Triggers on Tables	
110	The [CashTrace] database has triggers or	n the dbo.aspnet_Membership table.
		rmation at: http://BrentOzar.com/go/trig
	Performance	CashVault
110	Triggers on Tables	
110	The [CashVault] database has triggers on	the dbo.BankTransactions table.
	More information at: http://BrentOzar.com/go/trig	
	Performance	CashVault
	Triggers on Tables	
110	The [CashVault] database has triggers on the dbo.CPSTransactions table.	
		rmation at: http://BrentOzar.com/go/trig
	Performance	CashVault
110	Triggers on Tables	
110	The [CashVault] database has triggers on	the dbo.DeviceConfiguration table.
	More information at: http://BrentOzar.com/go/trig	
	Performance	CashVault
	Triggers on Tables	
110	The [CashVault] database has triggers on the dbo.DeviceInformation table.	
		rmation at: http://BrentOzar.com/go/trig
	Performance	CashVault
110	Triggers on Tables	
110	The [CashVault] database has triggers on the dbo.DeviceOperators2 table.	
	More information at: http://BrentOzar.com/go/trig	



	Findings Group	Database Name
Priority	Finding	
	Performance	CashVault
	Triggers on Tables	
110	The [CashVault] database has triggers or	the dbo.OperatorsPerDevice table.
	More information at: http://BrentOzar.com/go/tri	
	Security	
	Server Audits Running	
150	SQL Server built-in audit functionality is 20130808-162516	being used by server audit: Audit-
	20130808-162516	
	More inform	nation at: http://BrentOzar.com/go/audits
	Backup	msdb
	MSDB Backup History Not Purged	
200	Database backup history retained back to	Jan 20 2014 11:36AM
	Mara inform	ation at http://ProntOzar.com/go/history
	Informational	ation at: http://BrentOzar.com/go/history
	Backup Compression Default Off	
	• •	
200	Backup compression is included with SQL Server 2008R2 & newer, even in Standard Edition. We recommend turning backup compression on by default so	
	that ad-hoc backups will get compressed.	
	More information at: http://BrentOzar.com/go/backup	
	Informational	dion at: http://brentozar.com/go/backup
	Linked Server Configured	
	196.35.194.244 is configured as a linked	server. Check its security configuration
200	to make sure it isn't connecting with SA or some other bone-headed	
	administrative login, because any user who queries it might get admin-level	
	permissions.	
	More info	ormation at: http://BrentOzar.com/go/link
	Informational	master
	Tables in the Master Database	
	The CommandLog table in the master database was created by end users on May	
200	15 2014 1:25PM. Tables in the master database may not be restored in the event	
	of a disaster.	
	More information at: http://BrentOzar.com/	
	Non-Active Server Config	, , , , , , , , , , , , , , , , , , , ,
	min server memory (MB)	
	This sp_configure option isn't running under its set value. Its set value is 0 and its	
200	running value is 16. When someone does a RECONFIGURE or restarts the	
	instance, this setting will start taking effect.	
	More information at: http://www.BrentOzar.com/blitz/sp_configure/	
	Profe information at: http://www.brentozar.com/bittz/sp_comigure/	



	Findings Group Da	tabase Name
Priority	Finding	
	Non-Active Server Config	
	scan for startup procs	
200	This sp_configure option isn't running under i running value is 1. When someone does a RE this setting will start taking effect.	CONFIGURE or restarts the instance,
		vw.BrentOzar.com/blitz/sp_configure/
	Non-Default Server Config	
200	Agent XPs  This sp_configure option has been changed. Its default value is 0 and it has been set to 1.	
	More informat	tion at: http://BrentOzar.com/go/conf
	Non-Default Server Config	
	Database Mail XPs	
200	This sp_configure option has been changed. I set to 1.	Its default value is 0 and it has been
	More informat	tion at: http://BrentOzar.com/go/conf
	Non-Default Server Config	
	max server memory (MB)	
200	This sp_configure option has been changed. I it has been set to 9216.	Its default value is 2147483647 and
	More informat	tion at: http://BrentOzar.com/go/conf
	Non-Default Server Config	
	remote admin connections	
200	This sp_configure option has been changed. Its default value is 0 and it has been set to 1.	
	More information at: http://BrentOzar.com/go/c	
	Non-Default Server Config	
	scan for startup procs	
200	This sp_configure option has been changed. Its default value is 0 and it has been set to 1.	
	More informat	tion at: http://BrentOzar.com/go/conf
	Non-Default Server Config	
	show advanced options	
200	This sp_configure option has been changed. Its default value is 0 and it has been set to 1.	
	More informat	tion at: http://BrentOzar.com/go/conf
		shTrace
	Old Compatibility Level	
200	Database CashTrace is compatibility level 100, which may cause unwanted results when trying to run queries that have newer T-SQL features.	
	More information at:	http://BrentOzar.com/go/compatlevel



Delouite	Findings Group	Database Name	
Priority	Finding		
	Performance CashVault		
200	[CashVault] has user-created statistics. This indicates that someone is being a rocket scientist with the stats, and might actually be slowing things down, especially during stats updates.  More information at: http://BrentOzar.com/go/userstats		
	Reliability WorkflowStore		
Database Collation Mismatch  Database WorkflowStore has collation Latin1_General_CI_AS; Serving SQL_Latin1_General_CP1_CI_AS			
		tin1_General_CI_AS; Server collation is	
	More information at: http://BrentOzar.com		

This report was generated by the completely free  $sp\_Blitz^{TM}$  tool.