



# SQL Server Assessment

## Database Detail Report - FITGEN/DB02



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Prepared for: Client Company

Prepared by: YourIT Company

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# 1 - About this Report

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This report details the settings and health of individual databases that reside on the scanned SQL Server. It lists the database properties, potentially missing indexes, locks, statistics, fragmentation, and existing indexes.

## 2 - [BCSSDev] Database

### 2.1 - Database Properties

Database Name	BCSSDev
Recovery Model	SIMPLE
Log Reuse Wait Description	NOTHING
Log Size (KB)	1016
Log Used (%)	36.00
Compatibility Level	100
Page Verify Option	CHECKSUM
Auto Create Stats	True
Auto Update Stats	True
Auto Update Stats Asynchronously	False
Snapshot Isolation Snapshot	OFF
Read Committed Snapshot	False
Auto Close	False
Auto Shrink	False

YourIT Company  
<http://youritcompany.com>  
678-555-1212  
[support@youritcompany.com](mailto:support@youritcompany.com)



Prepared for:  
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## 2.2 - Missing Indexes

*No missing indexes were identified.*



## 2.3 - Table Locks

NAME	CREATION DATE	LOCK ON BULK LOAD	REPLICATION FILTER	REPLICATED	TRACKED BY CDC	ESCALATION
<b>tblCustContacts</b>	25-Aug-2021	No	No	No	No	<b>TABLE</b>
<b>tblCustomers</b>	25-Aug-2021	No	No	No	No	<b>TABLE</b>
<b>tblTask</b>	06-Sep-2021	No	No	No	No	<b>TABLE</b>





## 2.4 - Statistics

INDEX NAME	LAST UPDATED	AUTO CREATED	NO RECOMPUTE	USER CREATED	ROW COUNTER
PK_tblCustContacts		No	No	No	0
PK_tblCustomers		No	No	No	0
PK_tblTask		No	No	No	0



## 2.5 - Fragmentation

Fragmentation is the storing of data in a non-contiguous manner, whether on disk or in memory. Any fragmentation greater than 10% (shown in red) should be corrected if possible. Resolving extreme fragmentation of greater than 50% (shown in red bold) may improve performance.

TABLE NAME	INDEX NAME	INDEX TYPE	AVG FRAGMENTATION (%)	FRAGMENT COUNT	PAGE COUNT
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*No data available*



## 2.6 - Indexes

TABLE NAME	INDEX NAME	READS	WRITES	TYPE	FILL FACTOR
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*No data available*



## 2.7 - Stored Procedures

NAME	TYPE	CREATION DATE	MODIFIED DATE	CACHED TIME	LAST EXECUTION TIME	EXECUTION COUNT
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*No data available*

## 3 - [FIT3] Database

### 3.1 - Database Properties

Database Name	FIT3
Recovery Model	SIMPLE
Log Reuse Wait Description	NOTHING
Log Size (KB)	14721272
Log Used (%)	0.00
Compatibility Level	100
Page Verify Option	TORN_PAGE_DETECTION
Auto Create Stats	True
Auto Update Stats	True
Auto Update Stats Asynchronously	False
Snapshot Isolation Snapshot	OFF
Read Committed Snapshot	False
Auto Close	False
Auto Shrink	False

## 3.2 - Missing Indexes

Items listed in the table below are possibilities for performance improvement. A DBA should make the final decision as to whether or not to implement the suggested index.

<b>Table</b>	log
<b>Index Advantage</b>	1619.87
<b>User Seeks</b>	259
<b>Average User Impact</b>	88.84
<b>Rows</b>	552516
<b>Equality Columns</b>	
<b>Inequality Columns</b>	[log_time]
<b>Included Columns</b>	[id]
<b>Table</b>	storage_log
<b>Index Advantage</b>	267.95
<b>User Seeks</b>	67
<b>Average User Impact</b>	74.64
<b>Rows</b>	374799
<b>Equality Columns</b>	[event_type]
<b>Inequality Columns</b>	[event_time]
<b>Included Columns</b>	[id], [account_id], [user_id], [filemon_id], [event_msg], [event_comment], [cost], [code_id]
<b>Table</b>	FIT_health_log
<b>Index Advantage</b>	65.94



<b>User Seeks</b>	13
<b>Average User Impact</b>	98.26
<b>Rows</b>	377541
<b>Equality Columns</b>	[account_id]
<b>Inequality Columns</b>	
<b>Included Columns</b>	[id], [user_id], [event_time], [event_type], [event_msg], [event_comment]
<b>Table</b>	FIT_health_log
<b>Index Advantage</b>	51.18
<b>User Seeks</b>	10
<b>Average User Impact</b>	99.41
<b>Rows</b>	377541
<b>Equality Columns</b>	[user_id]
<b>Inequality Columns</b>	
<b>Included Columns</b>	[id], [account_id], [event_time], [event_type], [event_msg], [event_comment]



### 3.3 - Table Locks

NAME	CREATION DATE	LOCK ON BULK LOAD	REPLICATION FILTER	REPLICATED	TRACKED BY CDC	ESCALATION
account_actions	05-Jan-2020	No	No	No	No	TABLE
account_billing	09-Oct-2018	No	No	No	No	TABLE
account_billing_type	07-May-2020	No	No	No	No	TABLE
account_changedate	11-Apr-2021	No	No	No	No	TABLE
account_contact	08-Jul-2018	No	No	No	No	TABLE
account_parameters	19-May-2021	No	No	No	No	TABLE
account_code_plans	11-Sep-2018	No	No	No	No	TABLE
account_BCSS_average_allocated	24-Aug-2021	No	No	No	No	TABLE
account_BCSS_average_usage	12-Apr-2021	No	No	No	No	TABLE
account_BCSS_duration	10-Jul-2021	No	No	No	No	TABLE
account_BCSS_size	06-Oct-2021	No	No	No	No	TABLE
account_BCSS_code	11-Apr-2021	No	No	No	No	TABLE
account_BCSS_usage	15-Nov-2020	No	No	No	No	TABLE
accounts	08-Jul-2018	No	No	No	No	TABLE
action_os_types	18-Sep-2018	No	No	No	No	TABLE
action_parameter_prototypes	05-May-2018	No	No	No	No	TABLE
action_parameter_type	04-Mar-2019	No	No	No	No	TABLE





NAME	CREATION DATE	LOCK ON BULK LOAD	REPLICATION FILTER	REPLICATED	TRACKED BY CDC	ESCALATION
<b>s</b>						
<b>action_types</b>	05-May-2018	No	No	No	No	<b>TABLE</b>
<b>actions</b>	05-May-2018	No	No	No	No	<b>TABLE</b>
<b>addons</b>	02-Mar-2019	No	No	No	No	<b>TABLE</b>
<b>admin_code_plan_override</b>	07-May-2020	No	No	No	No	<b>TABLE</b>
<b>admin_processed_newsletter</b>	02-Mar-2020	No	No	No	No	<b>TABLE</b>
<b>admin_users</b>	26-Feb-2020	No	No	No	No	<b>TABLE</b>
<b>alarm_notify_settings</b>	15-Oct-2018	No	No	No	No	<b>TABLE</b>
<b>alarm_notifications</b>	18-Sep-2018	No	No	No	No	<b>TABLE</b>
<b>change_logs</b>	11-Jun-2021	No	No	No	No	<b>TABLE</b>
<b>ban</b>	23-Jul-2018	No	No	No	No	<b>TABLE</b>
<b>storage_log</b>	19-Jan-2021	No	No	No	No	<b>TABLE</b>
<b>options</b>	21-May-2021	No	No	No	No	<b>TABLE</b>
<b>command_parameters</b>	05-May-2018	No	No	No	No	<b>TABLE</b>
<b>command_parameters_temp</b>	18-Jun-2020	No	No	No	No	<b>TABLE</b>
<b>commands</b>	18-Jun-2020	No	No	No	No	<b>TABLE</b>
<b>commands_temp</b>	18-Jun-2020	No	No	No	No	<b>TABLE</b>
<b>old_registration</b>	19-Oct-2021	No	No	No	No	<b>TABLE</b>
<b>custom_code_plans</b>	04-Dec-2018	No	No	No	No	<b>TABLE</b>



NAME	CREATION DATE	LOCK ON BULK LOAD	REPLICATION FILTER	REPLICATED	TRACKED BY CDC	ESCALATION
default_command_parameters	17-Jul-2018	No	No	No	No	TABLE
default_commands	17-Jul-2018	No	No	No	No	TABLE
deploy_ids	26-Feb-2019	No	No	No	No	TABLE
data_log	22-May-2021	No	No	No	No	TABLE
data_log_error	28-Sep-2021	No	No	No	No	TABLE
data_parameters	17-May-2021	No	No	No	No	TABLE
data_code_plans	11-Sep-2018	No	No	No	No	TABLE
outsource	08-Jul-2018	No	No	No	No	TABLE
dtproperties	25-Apr-2018	No	No	No	No	TABLE
group_action_permission	09-Feb-2020	No	No	No	No	TABLE
groups	24-May-2020	No	No	No	No	TABLE
images_png	03-Nov-2018	No	No	No	No	TABLE
self_planners	19-Mar-2021	No	No	No	No	TABLE
self_plans	24-Apr-2021	No	No	No	No	TABLE
newsletter_infos	15-Dec-2018	No	No	No	No	TABLE
newsletters	25-Sep-2018	No	No	No	No	TABLE
log	08-Jul-2018	No	No	No	No	TABLE
master_code_table	07-May-2020	No	No	No	No	TABLE
NORAM_IDs	13-Dec-2020	No	No	No	No	TABLE



NAME	CREATION DATE	LOCK ON BULK LOAD	REPLICATION FILTER	REPLICATED	TRACKED BY CDC	ESCALATION
NORAM_log	09-Dec-2020	No	No	No	No	TABLE
NORAM_post	26-Jul-2021	No	No	No	No	TABLE
NORAM_statistics	19-Feb-2021	No	No	No	No	TABLE
FIT_health_log	23-Jul-2021	No	No	No	No	TABLE
DB_parameters	25-Mar-2021	No	No	No	No	TABLE
DB_BCSS_parameters	05-Apr-2021	No	No	No	No	TABLE
new_BCSS_evaluations	29-Nov-2020	No	No	No	No	TABLE
Outsource_accounts	22-May-2021	No	No	No	No	TABLE
os_type	18-Sep-2018	No	No	No	No	TABLE
permission_set_actions	24-Apr-2018	No	No	No	No	TABLE
permission_set_commands	07-May-2019	No	No	No	No	TABLE
permission_sets	03-Nov-2018	No	No	No	No	TABLE
filemon_account_key	03-Mar-2020	No	No	No	No	TABLE
filemon_account_rollout	01-Apr-2020	No	No	No	No	TABLE
filemon_ID	17-Jan-2021	No	No	No	No	TABLE
filemon_params	19-Mar-2020	No	No	No	No	TABLE
filemon_versions	24-Mar-2020	No	No	No	No	TABLE
filemons	05-Jan-2020	No	No	No	No	TABLE
code_descriptions	28-Jul-2021	No	No	No	No	TABLE



NAME	CREATION DATE	LOCK ON BULK LOAD	REPLICATION FILTER	REPLICATED	TRACKED BY CDC	ESCALATION
<b>codes</b>	28-Apr-2021	No	No	No	No	<b>TABLE</b>
<b>HK_log</b>	28-Aug-2021	No	No	No	No	<b>TABLE</b>
<b>results</b>	25-Feb-2020	No	No	No	No	<b>TABLE</b>
<b>Installer_addons</b>	04-Dec-2018	No	No	No	No	<b>TABLE</b>
<b>Installer_groups</b>	05-May-2018	No	No	No	No	<b>TABLE</b>
<b>Installer_location</b>	05-May-2018	No	No	No	No	<b>TABLE</b>
<b>Installer_filemon</b>	05-Jan-2020	No	No	No	No	<b>TABLE</b>
<b>Installers</b>	07-Oct-2018	No	No	No	No	<b>TABLE</b>
<b>roles</b>	05-May-2018	No	No	No	No	<b>TABLE</b>
<b>tags</b>	13-Jul-2021	No	No	No	No	<b>TABLE</b>
<b>interval_actions</b>	26-Jul-2020	No	No	No	No	<b>TABLE</b>
<b>interval_actions_parameters</b>	26-Jul-2020	No	No	No	No	<b>TABLE</b>
<b>interval_actions_Installers</b>	26-Jul-2020	No	No	No	No	<b>TABLE</b>
<b>interval_commands</b>	26-Sep-2018	No	No	No	No	<b>TABLE</b>
<b>search_details</b>	07-May-2018	No	No	No	No	<b>TABLE</b>
<b>searches</b>	08-Jul-2018	No	No	No	No	<b>TABLE</b>
<b>gf_log</b>	18-Apr-2021	No	No	No	No	<b>TABLE</b>
<b>sources</b>	05-Feb-2019	No	No	No	No	<b>TABLE</b>
<b>status_history</b>	25-Sep-2018	No	No	No	No	<b>TABLE</b>



NAME	CREATION DATE	LOCK ON BULK LOAD	REPLICATION FILTER	REPLICATED	TRACKED BY CDC	ESCALATION
system_parameters	05-May-2019	No	No	No	No	TABLE
Hotkey_agent	13-Apr-2021	No	No	No	No	TABLE
Hotkey_statistic_names	11-Apr-2021	No	No	No	No	TABLE
Hotkey_trend	11-Apr-2021	No	No	No	No	TABLE
templates	15-Oct-2018	No	No	No	No	TABLE
MAW_account	13-Dec-2021	No	No	No	No	TABLE
MAW_account_notes	15-Nov-2020	No	No	No	No	TABLE
MAW_account_fields	15-Nov-2020	No	No	No	No	TABLE
MAW_accountstatuses	13-Dec-2021	No	No	No	No	TABLE
MAW_allow	15-Nov-2020	No	No	No	No	TABLE
MAW_personal_notes	15-Nov-2020	No	No	No	No	TABLE
MAW_personal_fields	15-Nov-2020	No	No	No	No	TABLE
MAW_contacts	15-Nov-2020	No	No	No	No	TABLE
MAW_issues	15-Nov-2020	No	No	No	No	TABLE
MAW_communities	15-Nov-2020	No	No	No	No	TABLE
MAW_community_notes	15-Nov-2020	No	No	No	No	TABLE
MAW_community_fields	15-Nov-2020	No	No	No	No	TABLE
MAW_communitystatuses	16-Nov-2020	No	No	No	No	TABLE
MAW_priorities	15-Nov-2020	No	No	No	No	TABLE



NAME	CREATION DATE	LOCK ON BULK LOAD	REPLICATION FILTER	REPLICATED	TRACKED BY CDC	ESCALATION
MAW_segments	15-Nov-2020	No	No	No	No	TABLE
MAW_resources	17-Nov-2020	No	No	No	No	TABLE
MAW_subissues	15-Nov-2020	No	No	No	No	TABLE
MAW_tasks	15-Nov-2020	No	No	No	No	TABLE
MAW_Auto_attachments	15-Nov-2020	No	No	No	No	TABLE
MAW_Auto_notes	15-Nov-2020	No	No	No	No	TABLE
MAW_Auto_updated_entries	15-Nov-2020	No	No	No	No	TABLE
MAW_parameters	12-Jan-2021	No	No	No	No	TABLE
MAW_parameterstatuses	28-Dec-2021	No	No	No	No	TABLE
MAW_fields	13-Dec-2021	No	No	No	No	TABLE
tmp1	18-Jul-2021	No	No	No	No	TABLE
top_commands	14-Jul-2018	No	No	No	No	TABLE
usage_statistics	01-Mar-2021	No	No	No	No	TABLE
user_admin_roles	05-Dec-2021	No	No	No	No	TABLE
user_changedate	11-Apr-2021	No	No	No	No	TABLE
user_groups_details	24-Apr-2018	No	No	No	No	TABLE
user_parameters	09-Jun-2018	No	No	No	No	TABLE
user_BCSS_details	19-Mar-2020	No	No	No	No	TABLE
user_BCSS_roles	14-Apr-2020	No	No	No	No	TABLE



NAME	CREATION DATE	LOCK ON BULK LOAD	REPLICATION FILTER	REPLICATED	TRACKED BY CDC	ESCALATION
<b>user_filemons</b>	05-Jan-2021	No	No	No	No	<b>TABLE</b>
<b>user_roles</b>	24-Apr-2018	No	No	No	No	<b>TABLE</b>
<b>users</b>	09-Oct-2018	No	No	No	No	<b>TABLE</b>
<b>logos</b>	08-Jul-2018	No	No	No	No	<b>TABLE</b>

## 3.4 - Statistics

INDEX NAME	LAST UPDATED	AUTO CREATED	NO RECOMPUTE	USER CREATED	ROW COUNTER
<b>_dta_index_BCSS_account_key_7_1287675635__K2_K3_1_4_5_6_7_8</b>	25-Jun-2021	No	No	No	13464
<b>_dta_index_Installer_BCSS_7_487672785__K2_K1_3_4_5_6</b>	26-Aug-2021	No	No	No	52189
<b>_dta_index_Installers_7_1243_151474__K2_K1</b>	22-Feb-2021	No	No	No	38578
<b>_dta_index_user_BCSS_details_7_1383675977__K2_K1_3</b>	07-Jun-2021	No	No	No	32541
<b>_dta_index_user_filemons_7_1072722874__K2_1_3_4_5</b>	17-Sep-2021	No	No	No	37495
<b>_dta_index_users_7_1419152_101__K2_K1</b>	25-Sep-2021	No	No	No	20338
<b>IX_account_BCSS_average_allocated</b>	19-Mar-2021	No	No	No	2107
<b>IX_codes</b>	22-Sep-2021	No	No	No	1641
<b>IX_commands_1</b>	08-Apr-2021	No	No	No	1278644
<b>IX_data_log</b>	08-Oct-2021	No	No	No	252639
<b>IX_Installer_BCSS_1</b>	10-Oct-2021	No	No	No	52189
<b>IX_Installer_filemon</b>	11-Sep-2021	No	No	No	52189
<b>IX_Installer_groups</b>	26-Mar-2021	No	No	No	2212
<b>IX_interval_actions</b>	12-Jun-2021	No	No	No	273
<b>IX_interval_commands</b>		No	No	No	0





INDEX NAME	LAST UPDATED	AUTO CREATED	NO RECOMPUTE	USER CREATED	ROW COUNTER
IX_MAW_account_fields		No	No	No	0
IX_MAW_community_fields		No	No	No	0
IX_MAW_fields		No	No	No	0
IX_MAW_personal_fields		No	No	No	0
IX_NORAM_statistics	08-Mar-2021	No	No	No	1039271
IX_Outsource_accounts	25-Jun-2021	No	No	No	1458
IX_plans	13-Jul-2021	No	No	No	3
IX_results	15-Sep-2021	No	No	No	32221
IX_self_plans	25-Jun-2021	No	No	No	127
IX_users_username	25-Sep-2021	No	No	No	20338
PK_account_actions	07-Jun-2021	No	No	No	118337
PK_account_BCSS_average_allocated	26-Jun-2021	No	No	No	2107
PK_account_BCSS_average_usage	05-Jul-2021	No	No	No	3501
PK_account_BCSS_code_1	26-Mar-2021	No	No	No	27055
PK_account_BCSS_duration	11-Jul-2021	No	No	No	44
PK_account_BCSS_size		No	No	No	0
PK_account_BCSS_usage	17-Sep-2021	No	No	No	13295
PK_account_billing	29-Jan-2021	No	No	No	9338
PK_account_changedate	28-Aug-2021	No	No	No	832



INDEX NAME	LAST UPDATED	AUTO CREATED	NO RECOMPUTE	USER CREATED	ROW COUNTER
PK_account_code_plans_1	21-Feb-2021	No	No	No	9326
PK_account_contact	11-Jan-2021	No	No	No	9339
PK_account_parameters	16-Sep-2021	No	No	No	58626
PK_action_parameter_prototypes	22-Aug-2018	No	No	No	138
PK_action_parameter_types	04-Mar-2019	No	No	No	6
PK_action_types	20-Aug-2018	No	No	No	7
PK_actions	20-Aug-2018	No	No	No	263
PK_addons	04-Mar-2019	No	No	No	5
PK_admin_processed_newsletter	21-Jul-2020	No	No	No	5
PK_admin_users		No	No	No	1
PK_alarm_notifications	25-Sep-2018	No	No	No	0
PK_BCSS_account_key	28-May-2021	No	No	No	13464
PK_BCSS_account_rollout	25-Apr-2021	No	No	No	3887
PK_BCSS_ID	26-Aug-2021	No	No	No	34091
PK_BCSS_params	14-Apr-2020	No	No	No	8
PK_BCSS_versions	26-Mar-2020	No	No	No	215
PK_code_descriptions	28-Jul-2021	No	No	No	4
PK_codes	27-Jun-2021	No	No	No	1641
PK_command_parameters_1	18-Jun-2021	No	No	No	1977518
PK_command_parameters_1	18-Jun-2020	No	No	No	50187



INDEX NAME	LAST UPDATED	AUTO CREATED	NO RECOMPUTE	USER CREATED	ROW COUNTER
<b>_temp</b>					
<b>PK_commands</b>	26-Aug-2021	No	No	No	1278644
<b>PK_commands_temp</b>	18-Jun-2020	No	No	No	43812
<b>PK_data_code_plans_1</b>	11-Sep-2018	No	No	No	14
<b>PK_data_log</b>	09-Oct-2021	No	No	No	252639
<b>PK_data_log_error</b>		No	No	No	0
<b>PK_data_parameters</b>	05-Jun-2021	No	No	No	36
<b>PK_DB_BCSS_parameters</b>	30-Sep-2021	No	No	No	2016
<b>PK_DB_parameters</b>	25-Jun-2021	No	No	No	1682
<b>PK_default_code_plans_1</b>	04-Dec-2018	No	No	No	0
<b>PK_default_command_parameters_1</b>	11-Sep-2018	No	No	No	182
<b>PK_default_commands</b>	11-Sep-2018	No	No	No	110
<b>PK_deploy_ids</b>	06-Jun-2021	No	No	No	3527
<b>pk_dtproperties</b>		No	No	No	0
<b>PK_filemons</b>	05-Jan-2020	No	No	No	194
<b>PK_gf_log</b>	01-Oct-2021	No	No	No	6765
<b>PK_group_action_permission</b>		No	No	No	0
<b>PK_groups</b>	24-May-2020	No	No	No	851
<b>PK_HK_log</b>		No	No	No	1
<b>PK_Hotkey_agent</b>		No	No	No	0



INDEX NAME	LAST UPDATED	AUTO CREATED	NO RECOMPUTE	USER CREATED	ROW COUNTER
PK_Hotkey_statistic_names		No	No	No	0
PK_Hotkey_trend		No	No	No	0
PK_Installer_BCSS_switch	26-Apr-2021	No	No	No	52189
PK_Installer_groups	26-Mar-2021	No	No	No	2212
PK_Installer_location	17-Sep-2021	No	No	No	16809
PK_Installers	10-Apr-2021	No	No	No	38578
PK_interval_actions	22-Apr-2021	No	No	No	273
PK_interval_actions_Installers	29-Apr-2021	No	No	No	288
PK_interval_actions_parameters	19-Sep-2021	No	No	No	548
PK_log	30-Jan-2021	No	No	No	552515
PK_logos	02-Sep-2021	No	No	No	11441
PK_MAW_account	14-Dec-2021	No	No	No	6
PK_MAW_account_fields		No	No	No	0
PK_MAW_account_notes		No	No	No	0
PK_MAW_accountstatuses	17-Dec-2021	No	No	No	6
PK_MAW_allow		No	No	No	0
PK_MAW_Auto_attachments		No	No	No	0
PK_MAW_Auto_notes	16-Jan-2021	No	No	No	3
PK_MAW_Auto_updated_entries		No	No	No	1



INDEX NAME	LAST UPDATED	AUTO CREATED	NO RECOMPUTE	USER CREATED	ROW COUNTER
PK_MAW_communities		No	No	No	0
PK_MAW_community_fields		No	No	No	0
PK_MAW_community_notes		No	No	No	0
PK_MAW_communitystatuses		No	No	No	0
PK_MAW_contacts	03-Jan-2021	No	No	No	3
PK_MAW_fields		No	No	No	0
PK_MAW_issues		No	No	No	2
PK_MAW_parameters	12-Jan-2021	No	No	No	14
PK_MAW_parameterstatuses	28-Dec-2021	No	No	No	3
PK_MAW_personal_fields		No	No	No	0
PK_MAW_personal_notes		No	No	No	0
PK_MAW_priorities		No	No	No	5
PK_MAW_resources		No	No	No	1
PK_MAW_segments	19-Dec-2021	No	No	No	2
PK_MAW_subissues		No	No	No	0
PK_MAW_tasks		No	No	No	0
PK_new_BCSS_evaluations	04-Jun-2021	No	No	No	10442
PK_newsletter	15-Dec-2018	No	No	No	0
PK_newsletter_infos_1	15-Dec-2018	No	No	No	1

INDEX NAME	LAST UPDATED	AUTO CREATED	NO RECOMPUTE	USER CREATED	ROW COUNTER
PK_NORAM_log	08-Oct-2021	No	No	No	81090
PK_NORAM_post	26-Jul-2021	No	No	No	24
PK_NORAM_statistics	03-Oct-2021	No	No	No	1039271
PK_old_registration	08-Nov-2021	No	No	No	905
PK_options	21-May-2021	No	No	No	64
PK_os_type	18-Sep-2018	No	No	No	8
PK_outsource	20-Aug-2018	No	No	No	7
PK_Outsource_accounts_1	25-Jun-2021	No	No	No	1458
PK_permission_sets	03-Nov-2018	No	No	No	9
PK_plans	13-Jul-2021	No	No	No	3
PK_results	21-Aug-2021	No	No	No	32221
PK_roles	20-Aug-2018	No	No	No	11
PK_searches	27-Aug-2018	No	No	No	0
PK_self_planners		No	No	No	0
PK_self_plans	25-Sep-2021	No	No	No	127
PK_sources	05-Feb-2019	No	No	No	3
PK_system_parameters		No	No	No	1
PK_Table1	10-Oct-2021	No	No	No	20338
PK_templates_1	15-Oct-2018	No	No	No	34
PK_top_commands	20-Sep-2021	No	No	No	2511
PK_user_admin_roles	14-Dec-2021	No	No	No	15



INDEX NAME	LAST UPDATED	AUTO CREATED	NO RECOMPUTE	USER CREATED	ROW COUNTER
PK_user_BCSS_details	06-May-2021	No	No	No	32541
PK_user_BCSS_roles	07-Oct-2020	No	No	No	93
PK_user_changedate	26-Aug-2021	No	No	No	1980
PK_user_filemons	25-Jul-2021	No	No	No	37495
PK_user_groups_details	05-Aug-2021	No	No	No	332
PK_user_parameters	25-Sep-2021	No	No	No	173761
PK_user_roles	24-Sep-2021	No	No	No	20327
PK_vars	12-Jan-2021	No	No	No	9356

## 3.5 - Fragmentation

Fragmentation is the storing of data in a non-contiguous manner, whether on disk or in memory. Any fragmentation greater than 10% (shown in red) should be corrected if possible. Resolving extreme fragmentation of greater than 50% (shown in red bold) may improve performance.

TABLE NAME	INDEX NAME	INDEX TYPE	AVG FRAGMENTATION (%)	FRAGMENT COUNT	PAGE COUNT
storage_log		HEAP	<b>99.68</b>	<b>947</b>	<b>7519</b>
FIT_health_log		HEAP	<b>99.43</b>	<b>880</b>	<b>7042</b>
commands	IX_commands_1	NONCLUSTERED INDEX	<b>98.31</b>	<b>13093</b>	<b>13216</b>
NORAM_statistics	IX_NORAM_statistics	NONCLUSTERED INDEX	<b>89.61</b>	<b>19183</b>	<b>20969</b>
data_log	PK_data_log	CLUSTERED INDEX	<b>81.32</b>	<b>45741</b>	<b>55076</b>
user_parameters	PK_user_parameters	CLUSTERED INDEX	<b>55.35</b>	<b>964</b>	<b>1644</b>
command_parameters	PK_command_parameters_1	CLUSTERED INDEX	38.38	2840	6177
results	PK_results	CLUSTERED INDEX	17.64	1608	6101
log	PK_log	CLUSTERED INDEX	12.56	1882	11228
NORAM_log	PK_NORAM_log	CLUSTERED INDEX	1.96	250	1840
commands	PK_commands	CLUSTERED INDEX	1.76	2749	21605
NORAM_statistics	PK_NORAM_statistics	CLUSTERED INDEX	0.58	2004	15455



## 3.6 - Indexes

TABLE NAME	INDEX NAME	READS	WRITES	TYPE	FILL FACTOR
storage_log		98	31125	HEAP	0
FIT_health_log		18	32083	HEAP	0
commands	IX_commands_1	33303	29167	NONCLUSTERED INDEX	0
NORAM_statistics	IX_NORAM_statistics	0	214541	NONCLUSTERED INDEX	0
data_log	PK_data_log	1165282	1165210	CLUSTERED INDEX	0
user_parameters	PK_user_parameters	28219	43519	CLUSTERED INDEX	0
command_parameters	PK_command_parameters_1	46788	46782	CLUSTERED INDEX	0
results	PK_results	2303	1021	CLUSTERED INDEX	0
log	PK_log	284	217895	CLUSTERED INDEX	0
NORAM_log	PK_NORAM_log	6030	6004	CLUSTERED INDEX	0
commands	PK_commands	46801	29167	CLUSTERED INDEX	0
NORAM_statistics	PK_NORAM_statistics	214540	214541	CLUSTERED INDEX	0
custom_code_plans	PK_default_code_plans_1	150	1		0
filemon_account_key	PK_BCSS_account_key	166	167		0
account_billing_type		310	0		0
account_changedate	PK_account_changedate	318	295		0
admin_code_plan_override		425	80		0



TABLE NAME	INDEX NAME	READS	WRITES	TYPE	FILL FACTOR
action_os_types		582	0		0
options	PK_options	631	44		0
results	IX_results	718	589		0
default_commands	PK_default_commands	731	0		0
account_BCSS_duration	PK_account_BCSS_duration	749	423		0
search_details		3524	3524		0
gf_log	PK_gf_log	1211	1211		0
account_code_plans	PK_account_code_plans_1	2296	392		0
templates	PK_templates_1	3123	16		0
MAW_resources	PK_MAW_resources	3524	0		0
data_code_plans	PK_data_code_plans_1	149	0		0
group_action_permission	PK_group_action_permission	3524	3524		0
top_commands	PK_top_commands	3538	3534		0
user_BCSS_roles	PK_user_BCSS_roles	3544	3543		0
user_admin_roles	PK_user_admin_roles	3641	3523		0
user_changedate	PK_user_changedate	1189	1166		0
Outsource_accounts	IX_Outsource_accounts	38	68		0
commands_temp	PK_commands_temp	5	5		0



TABLE NAME	INDEX NAME	READS	WRITES	TYPE	FILL FACTOR
<b>data_log</b>	IX_data_log	27	121269		0
<b>usage_statistics</b>		0	2443		0
<b>Installer_filemon</b>	IX_Installer_BCSS_1	0	109685		0
<b>permission_set_commands</b>		1	0		0
<b>status_history</b>		1	631		0
<b>alarm_notifications</b>	PK_alarm_notifications	1	0		0
<b>newsletters</b>	PK_newsletter	1	1		0
<b>Hotkey_agent</b>	PK_Hotkey_agent	1	1		0
<b>searches</b>	PK_searches	1	1		0
<b>permission_set_actions</b>		1	1		0
<b>deploy_ids</b>	PK_deploy_ids	1	1		0
<b>interval_actions</b>	IX_interval_actions	1	308		0
<b>filemon_account_rollout</b>	PK_BCSS_account_rollout	1	1		0
<b>Hotkey_trend</b>	PK_Hotkey_trend	1	1		0
<b>groups</b>	PK_groups	3	1		0
<b>permission_sets</b>	PK_permission_sets	3	1		0
<b>Installer_filemon</b>	IX_Installer_filemon	5	1139		0
<b>command_parameters_temp</b>	PK_command_parameters_1_temp	5	5		0



TABLE NAME	INDEX NAME	READS	WRITES	TYPE	FILL FACTOR
<b>new_BCSS_evaluations</b>	PK_new_BCSS_evaluations	3945	3945		0
<b>Installer_groups</b>	IX_Installer_groups	6	5		0
<b>admin_users</b>	PK_admin_users	14	0		0
<b>change_logs</b>		23	21		0
<b>old_registration</b>	PK_old_registration	34	34		0
<b>data_parameters</b>	PK_data_parameters	4915	0		0
<b>DB_parameters</b>	PK_DB_parameters	10590	389		0
<b>account_actions</b>	PK_account_actions	5323	4294		0
<b>action_parameter_prototypes</b>	PK_action_parameter_prototypes	165084	0		0
<b>Installer_addons</b>		209716	209716		0
<b>user_BCSS_details</b>	PK_user_BCSS_details	216401	1003		0
<b>user_filemons</b>	PK_user_filemons	291439	6242		0
<b>filemon_params</b>	PK_BCSS_params	321054	0		0
<b>user_filemons</b>	_dta_index_user_filemons_7_1072722874__K2_1_3_4_5	429992	6242		0
<b>users</b>	_dta_index_users_7_1419152101__K2_K1	499439	7141		0
<b>outsource</b>	PK_outsource	503836	0		0
<b>user_roles</b>	PK_user_roles	515451	10014		0



TABLE NAME	INDEX NAME	READS	WRITES	TYPE	FILL FACTOR
roles	PK_roles	522046	1		0
Outsource_accounts	PK_Outsource_accounts_1	1195456	68		0
actions	PK_actions	1429806	0		0
users	IX_users_username	1762060	10045		0
users	PK_Table1	1855627	13136		0
filemons	PK_filemons	2511273	4		0
Installer_location	PK_Installer_location	9158541	88916		0
Installers	PK_Installers	11498249	217901		0
Installer_filemon	PK_Installer_BCSS_switch	32668467	513512		0
account_BCSS_code	PK_account_BCSS_code_1	75876127	817		0
accounts	PK_vars	76450672	849		0
account_parameters	PK_account_parameters	151719528	5069		0
Installers	_dta_index_Installers_7_1243151474_K2_K1	73622	593		0
account_BCSS_usage	PK_account_BCSS_usage	5087	2544		0
logos	PK_logos	66143	33287		0
os_type	PK_os_type	52196	0		0
Installer_filemon	_dta_index_Installer_BCSS_7_487672785_K2_	5796	513512		0



TABLE NAME	INDEX NAME	READS	WRITES	TYPE	FILL FACTOR
	K1_3_4_5_6				
DB_BCSS_parameters	PK_DB_BCSS_parameters	6297	1104		0
user_groups_details	PK_user_groups_details	7048	7047		0
Installer_groups	PK_Installer_groups	0	5		0
filemon_account_key	_dta_index_BCSS_account_key_7_1287675635__K2_K3_1_4_5_6_7_8	13258	167		0
account_BCSS_average_allocated	IX_account_BCSS_average_allocated	13900	75		0
account_BCSS_average_allocated	PK_account_BCSS_average_allocated	13973	75		0
account_BCSS_average_usage	PK_account_BCSS_average_usage	19415	2678		0
interval_actions_parameters	PK_interval_actions_parameters	22153	355		0
interval_actions_Installers	PK_interval_actions_Installers	22570	312		0
NORAM_IDs		28960	2329		0
default_command_parameters	PK_default_command_parameters_1	29171	0		0
self_plans	IX_self_plans	30149	719		0
interval_commands		33216	5		0
filemon_ID	PK_BCSS_ID	34252	3082		0
codes	IX_codes	34696	386		0



TABLE NAME	INDEX NAME	READS	WRITES	TYPE	FILL FACTOR
<b>user_BCSS_details</b>	_dta_index_user_BCSS _details_7_1383675977 __K2_K1_3	34829	1003		0
<b>codes</b>	PK_codes	34977	386		0
<b>account_contact</b>	PK_account_contact	34985	346		0
<b>account_billing</b>	PK_account_billing	36662	498		0
<b>self_plans</b>	PK_self_plans	39044	855		0
<b>interval_actions</b>	PK_interval_actions	53551	359		0
<b>interval_commands</b>	IX_interval_commands	0	5		0



## 3.7 - Stored Procedures

NAME	TYPE	CREATION DATE	MODIFIED DATE	CACHED TIME	LAST EXECUTION TIME	EXECUTION COUNT
------	------	---------------	---------------	-------------	---------------------	-----------------

*No data available*



## 4 - [BCSS] Database

### 4.1 - Database Properties

Database Name	BCSS
Recovery Model	SIMPLE
Log Reuse Wait Description	NOTHING
Log Size (KB)	22132728
Log Used (%)	0.00
Compatibility Level	100
Page Verify Option	CHECKSUM
Auto Create Stats	True
Auto Update Stats	True
Auto Update Stats Asynchronously	False
Snapshot Isolation Snapshot	OFF
Read Committed Snapshot	False
Auto Close	False
Auto Shrink	False



## 4.2 - Missing Indexes

Items listed in the table below are possibilities for performance improvement. A DBA should make the final decision as to whether or not to implement the suggested index.

<b>Table</b>	track_account
<b>Index Advantage</b>	181355.77
<b>User Seeks</b>	175933
<b>Average User Impact</b>	99.56
<b>Rows</b>	2593
<b>Equality Columns</b>	[serverid]
<b>Inequality Columns</b>	[type]
<b>Included Columns</b>	[id]
<b>Table</b>	rules
<b>Index Advantage</b>	3513.65
<b>User Seeks</b>	3848
<b>Average User Impact</b>	98.28
<b>Rows</b>	20036
<b>Equality Columns</b>	[track_account_id]
<b>Inequality Columns</b>	
<b>Included Columns</b>	
<b>Table</b>	track_account
<b>Index Advantage</b>	117.37



<b>User Seeks</b>	114
<b>Average User Impact</b>	96.73
<b>Rows</b>	2593
<b>Equality Columns</b>	
<b>Inequality Columns</b>	[serverid]
<b>Included Columns</b>	
<b>Table</b>	rules
<b>Index Advantage</b>	70.75
<b>User Seeks</b>	69
<b>Average User Impact</b>	49.98
<b>Rows</b>	20036
<b>Equality Columns</b>	[track_account_id]
<b>Inequality Columns</b>	
<b>Included Columns</b>	[id]



## 4.3 - Table Locks

NAME	CREATION DATE	LOCK ON BULK LOAD	REPLICATION FILTER	REPLICATED	TRACKED BY CDC	ESCALATION
account_parameters	11-Oct-2020	No	No	No	No	TABLE
account_var	13-Sep-2020	No	No	No	No	TABLE
accounts	29-Jan-2020	No	No	No	No	TABLE
alert_status	29-Mar-2021	No	No	No	No	TABLE
maw_post_log	08-Aug-2021	No	No	No	No	TABLE
track_account	26-Oct-2021	No	No	No	No	TABLE
track_account_facts	31-May-2021	No	No	No	No	TABLE
track_account_state	31-May-2021	No	No	No	No	TABLE
track_account_statistics	27-Dec-2020	No	No	No	No	TABLE
track_account_numbers	28-Nov-2021	No	No	No	No	TABLE
monitor_connection	10-Oct-2021	No	No	No	No	TABLE
update_notices	17-Jan-2021	No	No	No	No	TABLE
conn_status	13-Sep-2020	No	No	No	No	TABLE
presence	29-Jan-2020	No	No	No	No	TABLE
BCSS_log	23-Mar-2020	No	No	No	No	TABLE
rule_parameter_names	14-Oct-2020	No	No	No	No	TABLE
rule_parameters	01-Apr-2021	No	No	No	No	TABLE
rules	28-Dec-2020	No	No	No	No	TABLE



NAME	CREATION DATE	LOCK ON BULK LOAD	REPLICATION FILTER	REPLICATED	TRACKED BY CDC	ESCALATION
<b>servers</b>	04-Oct-2021	No	No	No	No	<b>TABLE</b>
<b>sysdiagrams</b>	14-Oct-2020	No	No	No	No	<b>TABLE</b>
<b>tasks</b>	29-Jan-2020	No	No	No	No	<b>TABLE</b>
<b>violations</b>	29-Jan-2020	No	No	No	No	<b>TABLE</b>
<b>traces</b>	08-Aug-2021	No	No	No	No	<b>TABLE</b>
<b>user_parameters</b>	22-Feb-2020	No	No	No	No	<b>TABLE</b>
<b>users</b>	29-Jan-2020	No	No	No	No	<b>TABLE</b>



## 4.4 - Statistics

INDEX NAME	LAST UPDATED	AUTO CREATED	NO RECOMPUTE	USER CREATED	ROW COUNTER
<b>IDX_track_account_statistics_suggest</b>	10-Oct-2021	No	No	No	4940473
<b>IX_alert_status</b>	30-Mar-2021	No	No	No	7
<b>IX_track_account_numbers</b>	17-Sep-2021	No	No	No	1680217
<b>IX_track_account_statistics</b>	10-Oct-2021	No	No	No	4940473
<b>IX_track_account_statistics_1</b>	10-Oct-2021	No	No	No	4940473
<b>IX_track_account_statistics_2</b>	10-Oct-2021	No	No	No	4940473
<b>PK_sysdiagr_C2B05B611F CDBCEB</b>	18-Oct-2020	No	No	No	1
<b>PK_account_parameters</b>	03-Sep-2021	No	No	No	2600
<b>PK_account_var</b>		No	No	No	0
<b>PK_accounts</b>	23-Jul-2021	No	No	No	4795
<b>PK_alert_status</b>	30-Mar-2021	No	No	No	7
<b>PK_BCSS_log</b>	10-Oct-2021	No	No	No	3513
<b>PK_conn_status</b>		No	No	No	0
<b>PK_maw_post_log</b>		No	No	No	10
<b>PK_monitor_connection</b>	17-Sep-2021	No	No	No	1797
<b>PK_parameteralarms</b>	18-Jun-2021	No	No	No	289
<b>PK_presence</b>	08-Oct-2021	No	No	No	129



INDEX NAME	LAST UPDATED	AUTO CREATED	NO RECOMPUTE	USER CREATED	ROW COUNTER
PK_rule_parameter_names	29-Mar-2021	No	No	No	249
PK_rule_parameters_1	23-Sep-2021	No	No	No	427425
PK_rules_1	02-Oct-2021	No	No	No	20036
PK_tasks		No	No	No	0
PK_traces	08-Aug-2021	No	No	No	10
PK_track_account	17-Aug-2021	No	No	No	2593
PK_track_account_facts	19-Aug-2021	No	No	No	2534
PK_track_account_numbers	11-Jun-2021	No	No	No	1680217
PK_track_account_state	18-Nov-2021	No	No	No	0
PK_track_account_statistics	14-Jan-2021	No	No	No	4940473
PK_update_notices		No	No	No	11
PK_user_parameters		No	No	No	0
PK_users	09-Jan-2021	No	No	No	1591
UK_principal_name	14-Oct-2020	No	No	No	1



## 4.5 - Fragmentation

Fragmentation is the storing of data in a non-contiguous manner, whether on disk or in memory. Any fragmentation greater than 10% (shown in red) should be corrected if possible. Resolving extreme fragmentation of greater than 50% (shown in red bold) may improve performance.

TABLE NAME	INDEX NAME	INDEX TYPE	AVG FRAGMENTATION (%)	FRAGMENT COUNT	PAGE COUNT
track_account_statistics	IX_track_account_statistics	NONCLUSTERED INDEX	<b>98.95</b>	<b>10609</b>	<b>10620</b>
track_account_statistics	IX_track_account_statistics_2	NONCLUSTERED INDEX	<b>98.66</b>	<b>18943</b>	<b>18993</b>
track_account_statistics	IDX_track_account_statistics_suggest	NONCLUSTERED INDEX	<b>96.97</b>	<b>46528</b>	<b>47303</b>
track_account_numbers	IX_track_account_numbers	NONCLUSTERED INDEX	<b>93.55</b>	<b>17109</b>	<b>18010</b>
track_account_statistics	IX_track_account_statistics_1	NONCLUSTERED INDEX	<b>57.46</b>	<b>11611</b>	<b>18655</b>
rule_parameters	PK_rule_parameters_1	CLUSTERED INDEX	49.37	1783	3407
track_account_numbers	PK_track_account_numbers	CLUSTERED INDEX	32.38	5871	15301
track_account_statistics	PK_track_account_statistics	CLUSTERED INDEX	2.11	3348	45053



## 4.6 - Indexes

TABLE NAME	INDEX NAME	READS	WRITES	TYPE	FILL FACTOR
track_account_statistics	IX_track_account_statistics	69	30863745	NONCLUSTERED INDEX	0
track_account_statistics	IX_track_account_statistics_2	0	30863745	NONCLUSTERED INDEX	0
track_account_statistics	IDX_track_account_statistics_suggest	30884	30863745	NONCLUSTERED INDEX	0
track_account_numbers	IX_track_account_numbers	2457190	2343541	NONCLUSTERED INDEX	0
track_account_statistics	IX_track_account_statistics_1	1582	30863745	NONCLUSTERED INDEX	0
rule_parameters	PK_rule_parameters_1	577485914	60772	CLUSTERED INDEX	0
track_account_numbers	PK_track_account_numbers	223	2343541	CLUSTERED INDEX	0
track_account_statistics	PK_track_account_statistics	1644	30863745	CLUSTERED INDEX	0
track_account_state	PK_track_account_state	69	69		0
alert_status	IX_alert_status	69	69		0
accounts	PK_accounts	843	149		0
servers		2167	0		0
BCSS_log	PK_BCSS_log	4115	4115		0
account_parameters	PK_account_parameters	7559	124		0
users	PK_users	27006	643		0



TABLE NAME	INDEX NAME	READS	WRITES	TYPE	FILL FACTOR
presence	PK_presence	5080692	73714		0
violations	PK_parameteralarms	427616	75		0
update_notices	PK_update_notices	589199	0		0
traces	PK_traces	0	1		0
monitor_connection	PK_monitor_connection	75650659	233		0
rules	PK_rules_1	75908409	6061		0
track_account_facts	PK_track_account_facts	103667883	27828916		0
track_account	PK_track_account	106922647	483		0
rule_parameter_names	PK_rule_parameter_names	59030	3		0
alert_status	PK_alert_status	0	69		0



## 4.7 - Stored Procedures

NAME	TYPE	CREATION DATE	MODIFIED DATE	CACHED TIME	LAST EXECUTION TIME	EXECUTION COUNT
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*No data available*

# 5 - [ReportServer] Database

## 5.1 - Database Properties

Database Name	ReportServer
Recovery Model	FULL
Log Reuse Wait Description	NOTHING
Log Size (KB)	6264
Log Used (%)	15.00
Compatibility Level	100
Page Verify Option	CHECKSUM
Auto Create Stats	True
Auto Update Stats	True
Auto Update Stats Asynchronously	False
Snapshot Isolation Snapshot	OFF
Read Committed Snapshot	False
Auto Close	False
Auto Shrink	False



## 5.2 - Missing Indexes

*No missing indexes were identified.*



## 5.3 - Table Locks

NAME	CREATION DATE	LOCK ON BULK LOAD	REPLICATION FILTER	REPLICATED	TRACKED BY CDC	ESCALATION
ActiveSubscriptions	19-May-2020	No	No	No	No	TABLE
Batch	19-May-2020	No	No	No	No	TABLE
CachePolicy	19-May-2020	No	No	No	No	TABLE
Catalog	19-May-2020	No	No	No	No	TABLE
ChunkData	19-May-2020	No	No	No	No	TABLE
ChunkSegmentMapping	19-May-2020	No	No	No	No	TABLE
ConfigurationInfo	19-May-2020	No	No	No	No	TABLE
DataSets	19-May-2020	No	No	No	No	TABLE
DataSource	19-May-2020	No	No	No	No	TABLE
DBUpgradeHistory	19-May-2020	No	No	No	No	TABLE
Event	19-May-2020	No	No	No	No	TABLE
ExecutionLogStorage	19-May-2020	No	No	No	No	TABLE
History	19-May-2020	No	No	No	No	TABLE
Keys	19-May-2020	No	No	No	No	TABLE
ModelDrill	19-May-2020	No	No	No	No	TABLE
ModelItemPolicy	19-May-2020	No	No	No	No	TABLE
ModelPerspective	19-May-2020	No	No	No	No	TABLE
Notifications	19-May-2020	No	No	No	No	TABLE



NAME	CREATION DATE	LOCK ON BULK LOAD	REPLICATION FILTER	REPLICATED	TRACKED BY CDC	ESCALATION
<b>Policies</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>PolicyUserRole</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>ReportSchedule</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>Roles</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>RunningJobs</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>Schedule</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>SecData</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>Segment</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>SegmentedChunk</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>ServerParametersInstance</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>ServerUpgradeHistory</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>SnapshotData</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>Subscriptions</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>SubscriptionsBeingDeleted</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>UpgradeInfo</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>Users</b>	19-May-2020	No	No	No	No	<b>TABLE</b>



## 5.4 - Statistics

INDEX NAME	LAST UPDATED	AUTO CREATED	NO RECOMPUTE	USER CREATED	ROW COUNTER
IX_Batch		No	No	No	0
IX_Batch_1		No	No	No	0
IX_CachePolicyReportID		No	No	No	0
<b>IX_Catalog</b>		No	No	No	1
IX_ChunkData		No	No	No	0
IX_ChunkId_SnapshotDataId		No	No	No	0
IX_ChunkSegmentMapping_SegmentId		No	No	No	0
<b>IX_ComponentLookup</b>	19-May-2020	No	No	No	1
<b>IX_ConfigurationInfo</b>	19-May-2020	No	No	No	23
IX_DataSet_ItemID_Name		No	No	No	0
IX_DataSetLinkId		No	No	No	0
IX_DataSourceItemID		No	No	No	0
IX_DataSourceSubscriptionID		No	No	No	0
IX_Event_TimeEntered		No	No	No	0
IX_Event2		No	No	No	0
IX_ExecutionLog		No	No	No	0
IX_History		No	No	No	0





INDEX NAME	LAST UPDATED	AUTO CREATED	NO RECOMPUTE	USER CREATED	ROW COUNTER
<b>IX_Link</b>		No	No	No	1
IX_ModelDrillModelID		No	No	No	0
IX_ModelItemPolicy		No	No	No	0
IX_ModelPerspective		No	No	No	0
IX_Notifications		No	No	No	0
IX_Notifications2		No	No	No	0
IX_Notifications3		No	No	No	0
<b>IX_Parent</b>		No	No	No	1
<b>IX_PolicyUserRole</b>		No	No	No	4
IX_ReportSchedule_ReportID		No	No	No	0
IX_ReportSchedule_Schedule ID		No	No	No	0
IX_ReportSchedule_SubscriptionID		No	No	No	0
<b>IX_Roles</b>		No	No	No	8
IX_RunningJobsStatus		No	No	No	0
IX_Schedule		No	No	No	0
<b>IX_SecData</b>	19-May-2020	No	No	No	2
IX_SegmentMetadata		No	No	No	0
IX_ServerParametersInstance Expiration		No	No	No	0



INDEX NAME	LAST UPDATED	AUTO CREATED	NO RECOMPUTE	USER CREATED	ROW COUNTER
IX_SnapshotCleaning		No	No	No	0
<b>IX_SnapshotDataId</b>	19-May-2020	No	No	No	1
IX_SnapshotDataId		No	No	No	0
<b>IX_Users</b>	19-May-2020	No	No	No	3
PK_Executio__05F5D74515 DA3E5D		No	No	No	0
PK_ActiveSubscriptions		No	No	No	0
PK_CachePolicy		No	No	No	0
<b>PK_Catalog</b>	19-May-2020	No	No	No	1
PK_ChunkData		No	No	No	0
PK_ChunkSegmentMapping		No	No	No	0
<b>PK_ConfigurationInfo</b>		No	No	No	23
PK_DataSet		No	No	No	0
PK_DataSource		No	No	No	0
<b>PK_DBUpgradeHistory</b>		No	No	No	31
PK_Event		No	No	No	0
PK_History		No	No	No	0
<b>PK_Keys</b>	19-May-2020	No	No	No	2
PK_ModelDrill		No	No	No	0
PK_ModelItemPolicy		No	No	No	0



INDEX NAME	LAST UPDATED	AUTO CREATED	NO RECOMPUTE	USER CREATED	ROW COUNTER
PK_Notifications		No	No	No	0
PK_Policies	19-May-2020	No	No	No	2
PK_PolicyUserRole		No	No	No	4
PK_Roles		No	No	No	8
PK_RunningJobs		No	No	No	0
PK_ScheduleID		No	No	No	0
PK_SecData		No	No	No	2
PK_Segment		No	No	No	0
PK_SegmentedChunk		No	No	No	0
PK_ServerParametersInstance		No	No	No	0
PK_ServerUpgradeHistory		No	No	No	2
PK_SnapshotData		No	No	No	0
PK_Subscriptions		No	No	No	0
PK_SubscriptionsBeingDeleted		No	No	No	0
PK_UpgradeInfo	19-May-2020	No	No	No	1
PK_Users	19-May-2020	No	No	No	3
UNIQ_ChunkId_StartByte		No	No	No	0
UNIQ_SnapshotChunkMapping		No	No	No	0

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## 5.5 - Fragmentation

Fragmentation is the storing of data in a non-contiguous manner, whether on disk or in memory. Any fragmentation greater than 10% (shown in red) should be corrected if possible. Resolving extreme fragmentation of greater than 50% (shown in red bold) may improve performance.

TABLE NAME	INDEX NAME	INDEX TYPE	AVG FRAGMENTATION (%)	FRAGMENT COUNT	PAGE COUNT
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*No data available*



## 5.6 - Indexes

TABLE NAME	INDEX NAME	READS	WRITES	TYPE	FILL FACTOR
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*No data available*



## 5.7 - Stored Procedures

NAME	TYPE	CREATION DATE	MODIFIED DATE	CACHED TIME	LAST EXECUTION TIME	EXECUTION COUNT
------	------	---------------	---------------	-------------	---------------------	-----------------

*No data available*

# 6 - [ReportServerTempDB] Database

## 6.1 - Database Properties

Database Name	ReportServerTempDB
Recovery Model	SIMPLE
Log Reuse Wait Description	NOTHING
Log Size (KB)	760
Log Used (%)	36.00
Compatibility Level	100
Page Verify Option	CHECKSUM
Auto Create Stats	True
Auto Update Stats	True
Auto Update Stats Asynchronously	False
Snapshot Isolation Snapshot	OFF
Read Committed Snapshot	False
Auto Close	False
Auto Shrink	False





## 6.2 - Missing Indexes

*No missing indexes were identified.*



## 6.3 - Table Locks

NAME	CREATION DATE	LOCK ON BULK LOAD	REPLICATION FILTER	REPLICATED	TRACKED BY CDC	ESCALATION
<b>ChunkData</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>ChunkSegmentMapping</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>DBUpgradeHistory</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>ExecutionCache</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>PersistedStream</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>Segment</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>SegmentedChunk</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>SessionData</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>SessionLock</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>SnapshotData</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>TempCatalog</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>TempDataSets</b>	19-May-2020	No	No	No	No	<b>TABLE</b>
<b>TempDataSources</b>	19-May-2020	No	No	No	No	<b>TABLE</b>

## 6.4 - Statistics

INDEX NAME	LAST UPDATED	AUTO CREATED	NO RECOMPUTE	USER CREATED	ROW COUNTER
IDX_SessionData		No	No	No	0
IDX_SessionLock		No	No	No	0
IS_SnapshotExpiration		No	No	No	0
IX_CacheLookup		No	No	No	0
IX_ChunkData		No	No	No	0
IX_ChunkId_SnapshotDataId		No	No	No	0
IX_ChunkSegmentMapping_SegmentId		No	No	No	0
IX_Cleanup		No	No	No	0
IX_DataSetLinkId		No	No	No	0
IX_DataSourceItemId		No	No	No	0
IX_EditSessionID		No	No	No	0
IX_ExecutionCache		No	No	No	0
IX_SegmentMetadata		No	No	No	0
IX_SessionCleanup		No	No	No	0
IX_SessionSnapshotID		No	No	No	0
IX_SnapshotCleaning		No	No	No	0
IX_SnapshotData		No	No	No	0



INDEX NAME	LAST UPDATED	AUTO CREATED	NO RECOMPUTE	USER CREATED	ROW COUNTER
IX_SnapshotDataID		No	No	No	0
IX_TempDataSet_ItemID_Name		No	No	No	0
PK_ChunkData		No	No	No	0
PK_ChunkSegmentMapping		No	No	No	0
PK_DataSource		No	No	No	0
PK_DBUUpgradeHistory		No	No	No	27
PK_ExecutionCache		No	No	No	0
PK_PersistedStream		No	No	No	0
PK_Segment		No	No	No	0
PK_SegmentedChunk		No	No	No	0
PK_TempCatalog		No	No	No	0
PK_TempDataSet		No	No	No	0
UNIQ_ChunkId_StartByte		No	No	No	0
UNIQ_SnapshotChunkMapping		No	No	No	0
UNIQ_TempCatalogID		No	No	No	0



## 6.5 - Fragmentation

Fragmentation is the storing of data in a non-contiguous manner, whether on disk or in memory. Any fragmentation greater than 10% (shown in red) should be corrected if possible. Resolving extreme fragmentation of greater than 50% (shown in red bold) may improve performance.

TABLE NAME	INDEX NAME	INDEX TYPE	AVG FRAGMENTATION (%)	FRAGMENT COUNT	PAGE COUNT
------------	------------	------------	--------------------------	----------------	------------

*No data available*



## 6.6 - Indexes

TABLE NAME	INDEX NAME	READS	WRITES	TYPE	FILL FACTOR
------------	------------	-------	--------	------	-------------

*No data available*



## 6.7 - Stored Procedures

NAME	TYPE	CREATION DATE	MODIFIED DATE	CACHED TIME	LAST EXECUTION TIME	EXECUTION COUNT
------	------	---------------	---------------	-------------	---------------------	-----------------

*No data available*

# 7 - [selfservice] Database

## 7.1 - Database Properties

<b>Database Name</b>	selfservice
<b>Recovery Model</b>	FULL
<b>Log Reuse Wait Description</b>	LOG_BACKUP
<b>Log Size (KB)</b>	136056
<b>Log Used (%)</b>	93.00
<b>Compatibility Level</b>	100
<b>Page Verify Option</b>	CHECKSUM
<b>Auto Create Stats</b>	True
<b>Auto Update Stats</b>	True
<b>Auto Update Stats Asynchronously</b>	False
<b>Snapshot Isolation Snapshot</b>	OFF
<b>Read Committed Snapshot</b>	False
<b>Auto Close</b>	False
<b>Auto Shrink</b>	False





## 7.2 - Missing Indexes

Items listed in the table below are possibilities for performance improvement. A DBA should make the final decision as to whether or not to implement the suggested index.

*No significant index implementation performance improvements were identified.*



## 7.3 - Table Locks

NAME	CREATION DATE	LOCK ON BULK LOAD	REPLICATION FILTER	REPLICATED	TRACKED BY CDC	ESCALATION
account_contributor	27-Jan-2021	No	No	No	No	TABLE
account_node_contributor	06-Apr-2021	No	No	No	No	TABLE
account_owner	27-Jan-2021	No	No	No	No	TABLE
account_style	04-Apr-2021	No	No	No	No	TABLE
content_node	23-Feb-2021	No	No	No	No	TABLE
content_node_attachment	15-Feb-2021	No	No	No	No	TABLE
content_root	04-Jan-2021	No	No	No	No	TABLE
oauth_user	27-Jan-2021	No	No	No	No	TABLE
portal	04-Oct-2021	No	No	No	No	TABLE
portal_banner	17-Mar-2021	No	No	No	No	TABLE
portal_parameters	09-Aug-2021	No	No	No	No	TABLE
portal_splash	21-Mar-2021	No	No	No	No	TABLE
sysdiagrams	04-Jan-2021	No	No	No	No	TABLE
template_image	06-Apr-2021	No	No	No	No	TABLE
template_style_default	12-Dec-2021	No	No	No	No	TABLE
templates	09-Mar-2021	No	No	No	No	TABLE
MAW_status	27-Jan-2021	No	No	No	No	TABLE

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## 7.4 - Statistics

INDEX NAME	LAST UPDATED	AUTO CREATED	NO RECOMPUTE	USER CREATED	ROW COUNTER
<b>PK_sysdiagr_C2B05B6100551192</b>	04-Jan-2021	No	No	No	1
PK_account_contributor		No	No	No	0
<b>PK_account_node_contributor</b>	07-Apr-2021	No	No	No	4
PK_account_owner		No	No	No	0
<b>PK_account_style</b>	11-Jun-2021	No	No	No	156
<b>PK_content_node</b>	13-Feb-2021	No	No	No	315
<b>PK_content_node_attachment</b>	28-Feb-2021	No	No	No	42
<b>PK_content_root</b>	15-Feb-2021	No	No	No	149
PK_MAW_status		No	No	No	0
PK_oauth_user		No	No	No	0
<b>PK_portal</b>	04-Oct-2021	No	No	No	6
<b>PK_portal_banner</b>	04-Apr-2021	No	No	No	4
<b>PK_portal_parameters</b>	15-Aug-2021	No	No	No	14
PK_portal_splash		No	No	No	0
<b>PK_template_image</b>	26-Sep-2021	No	No	No	8
<b>PK_template_style_default</b>	12-Dec-2021	No	No	No	91
<b>PK_templates</b>	06-Apr-2021	No	No	No	8

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INDEX NAME	LAST UPDATED	AUTO CREATED	NO RECOMPUTE	USER CREATED	ROW COUNTER
UK_principal_name	04-Jan-2021	No	No	No	1



## 7.5 - Fragmentation

Fragmentation is the storing of data in a non-contiguous manner, whether on disk or in memory. Any fragmentation greater than 10% (shown in red) should be corrected if possible. Resolving extreme fragmentation of greater than 50% (shown in red bold) may improve performance.

TABLE NAME	INDEX NAME	INDEX TYPE	AVG FRAGMENTATION (%)	FRAGMENT COUNT	PAGE COUNT
------------	------------	------------	--------------------------	----------------	------------

*No data available*



## 7.6 - Indexes

TABLE NAME	INDEX NAME	READS	WRITES	TYPE	FILL FACTOR
<b>content_node</b>	PK_content_node	1	0		0



## 7.7 - Stored Procedures

NAME	TYPE	CREATION DATE	MODIFIED DATE	CACHED TIME	LAST EXECUTION TIME	EXECUTION COUNT
------	------	---------------	---------------	-------------	---------------------	-----------------

*No data available*