



SQL Management	Client	Dalechek
<b>New Installation</b>		
Installation and configuration of server OS		•
Installation and configuration of database engine, reporting services and integration services		•
Installation and configuration of database management tools (SSMS)		•
Instance configuration including RAM and CPU		•
Creation of the Users / Groups required for the services		•
Application of Patches / Hardening of the Operating System		•
Configuration of the Storage System		•
Availability Groups/Cluster/Mirroring configuration		•
Maintenance job configuration including optimizations and database consistency checks		•
Replication configuration including snapshot, transactional and merge	•	•
Migration of data	•	
Monitoring setup		•
Test failover for clustering, availability groups	•	•
Configuration and scheduling of backups		•
<b>Existing Installation</b>		
Audit and analysis of existing database install and performance		•
Audit and analysis of existing Windows install		•
Service Pack and windows updates as needed		•
Monitoring setup		•
Maintenance job configuration including optimizations and database consistency checks		•
Security changes to Users / Groups required for the services		•
Test failover for clustering, availability groups	•	•
Configuration and scheduling of backups		•
<b>Monitoring (Dalechek will follow ticket escalation as needed when triggered)</b>		
Availability of SQL services		•
Backup compliance		•
SQL Agent job failures		•
Drive space		•



CPU utilization		•
Memory utilization		•
Quality of service (QoS) data for long term analysis including (But not limited to) storage performance, transactions per second and database growth	•	•
<b>Management Services</b>		
Adding new drives, expanding existing drives	•	•
Analysis of database performance	•	•
Name resolution and network protocols (connectivity)	•	•
Management of security (users, groups, permissions, etc...)	•	•
<b>Adding new drives, expanding existing drives</b>		
Perform data modeling and logical database design	•	
Provide the DDL (data definition language) for all database objects	•	
Provide the sizes for all database objects	•	
Provide the overall database size at the table level, and any future growth projections	•	
Load the data into the tables	•	
Determine online data retention requirements	•	
Provide data archiving methodology, software, and implementation	•	
Install the applications using the databases	•	
Troubleshoot and resolve problems associated with the application	•	
Manage the application project plans	•	
Configure and debug any workstations connecting into the database	•	
Train application developers with respect to using the database management system	•	
Train end users on how to use the application	•	
Install and maintain the application end user IDs	•	
Provide application expertise and understanding of how programs are accessing database tables, in order to assist in performance tuning	•	