

	Attribute by Technology			Required?	Recommended Best Practice?	Remarks	Influences
	ADO	ODBC	OLE DB* (IDataInitialize::GetData Source)				
Application Name	Application Name	APP	Application Name	N	Y	Name of the application. ODBC: If specified, this value is stored in the master.dbo.sysprocesses column program_name and is returned by sp_who and the APP_NAME functions.	Audit
Auto Translate	AutoTranslate	AutoTranslate	AutoTranslate/Auto Translate	N	Y	OLE DB: Configures OEM/ANSI character translation. Recognized values are "true" and "false". (Default: True) ODBC: When "yes", ANSI character strings sent between the client and server are translated by converting through Unicode to minimize problems in matching extended characters between the code pages on the client and the server.	Behaviour
Connection Timeout	Connect Timeout	Connect Timeout	Connect Timeout	N	Y	The amount of time (in seconds) to wait for data source initialization to complete.	Performance
Current Language	Current Language	Language	Current Language	N	N/A	The SQL Server Language Name	Behaviour
Data Source	Data Source	Server	Data Source/Server	Y	N/A	The name of an instance of SQL Server. When not specified, this defaults to the default instance on the local computer. ODBC: Can also be specified as Server=[protocol:]Server[,port]	N/A
Data Type Compatibility	DataTypeCompatibility	N/A	DataTypeCompatibility	N	N	Recognized values are "0" for provider data types and "80" for SQL Server 2000 data types. Not recommended because one should no longer be using SQL 2000 data types!	Behaviour
Failover Partner	Failover Partner	Failover_Partner	Failover Partner	N	N/A	The name of the failover server used for database mirroring.	Availability
Initial Catalog	Initial Catalog	Database	Initial Catalog/Database	Y	N/A	Specifies the name of a database on the server. *(Not applicable if using attachable databases)	N/A
Integrated Security	Integrated Security	Trusted_Connection	Integrated Security	Y	N/A	OLE DB: Accepts the value "SSPI" for Windows Authentication. ODBC: "Yes" for Windows Authentication.	Security
Password	Password	PWD	Password/PWD	Y	N	The SQL Server login password. Not recommended in favour of Windows Authentication.	Security
User Id	User ID	UID	User ID/UID	Y	N	The SQL Server login. Not recommended in favour of Windows Authentication.	Security
MARS Connection	MARS Connection	MARS_Connection	MARS Connection	N	N/A	OLE DB: Recognized values are "true" and "false". (Default: "false"). ODBC : Recognized values are "yes" and "no". (Default: "no"). SQL 2005 & above only. Recommended only if the application is able to handle MARS.	Performance
Packet Size	Packet Size	N/A	Packet Size	N	Y	Network packet size. The default is 0, which means that the server will configure the packet size based on the setting of sp_configure 'network packet size'.	Performance
Persist Security Info	Persist Security Info	N/A	Persist Security Info	N	Y	Accepts the strings "true" and "false" as values. When "false", the data source object is not allowed to persist sensitive authentication information (Default: False)	Security

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Provider	Provider	Driver	Provider	Y	N/A	For SQL Native Client: SQLNCLI10 For ODBC: SQL Server	N/A
Trust Server Certificate	TrustServerCertificate	TrustServerCertificate	Trust Server Certificate	N	N/A	Depends if the application uses Server Security certificates	Security
Use Encryption for Data	Use Encryption for Data	Encrypt	Use Encryption for Data	N	Y	Applications should be modified to use encryption for better security. (Default: False)	Security
Workstation ID	Workstation ID	WSID	Workstation ID	N	Y	Recommended to identify the originator of the request.	Audit
Network	N/A	Network	N/A	N	N/A	Usage depends upon the application. ODBC: Valid values are dbnmpntw (named pipes) and dbmssocn (TCP/IP).	Performance
Network Address	Network Address	Address	Network Address	N	Y	The network address of the server running an instance of SQL Server. Address is usually the network name of the server, but can be other names such as a pipe, an IP address, or a TCP/IP port and socket address. The complete syntax for the Address keyword is as follows: [protocol:]Address[,port \pipe\pipename] Address= ; Address=.; Address=localhost; and Address=(local); all cause a connection to the local server If no protocol is specified, SQL Server Native Client will use the protocol order specified in SQL Server Configuration Manager.	Security
ANSI NULL/Padding/Warning	N/A	AnsiNPW	N/A	N	Y	When "no", ANSI defined behaviors are not exposed.	Behaviour
Attached DB File Name	Initial File Name	AttachDBFileName	Initial File Name	N	N	Name (including full path and escape characters) of the primary file of an attachable database. Database is attached & used as default for the connection.	N/A
DSN	N/A	DSN/FileDSN	N/A	N	N/A	Depends if the application uses DSN Holds the name of the ODBC system or user data source/file data source *This keyword overrides any values that might be specified in the Server, Network, and Address keywords.	N/A
Log Long running Queries	N/A	QueryLog_On	N/A	N	N/A	When "yes", logging long-running query data is enabled on the connection.	Troubleshooting
Long Running Query Log file	N/A	QueryLogFile	N/A	N	N/A	Full path and file name of a file to use to log data on long-running queries.	Troubleshooting
Long Running Query threshold	N/A	QueryLogTime	N/A	N	N/A	Digit character string specifying the threshold (in milliseconds) for logging long-running queries. Any query that does not get a response in the time specified is written to the long-running query log file.	Troubleshooting

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Quoted Identifiers	N/A	QuotedId	N/A	N	Y	When "yes", QUOTED_IDENTIFIER is set ON for the connection, SQL Server uses the ISO rules regarding the use of quotation marks in SQL statements. Because QUOTED_IDENTIFIER OFF will not be available in a future SQL Server release, it is recommended that this option be used & set to ON in the application.	Behaviour
Use Regional Settings	N/A	Regional	N/A	N	Y	When "yes", the SQL Server Native Client ODBC driver uses client settings when converting currency, date, and time data to character data. The conversion is one way only.	Behaviour
Save Connection Attributes file	N/A	SaveFile	N/A	N	N	Name of an ODBC data source file into which the attributes of the current connection are saved if the connection is successful.	Troubleshooting
Capture Native Client ODBC Statistics	N/A	StatsLog_On	N/A	N	N	When "yes", enables the capture of SQL Server Native Client ODBC driver performance data.	Troubleshooting
Capture Native Client ODBC Statistics File	N/A	StatsLogFile	N/A	N	N	Full path and file name of a file used to record SQL Server Native Client ODBC driver performance statistics.	Troubleshooting
Network Library	Network Library	N/A	Network Library	N	Y	The network library used to establish a connection to an instance of SQL Server.	Security