



# dbWatch Control Center

# Security and compliance

## Customizable Reports at the Click of a Button

### Detailed Reports

Generate detailed, customizable reports with ease, highlighting non-compliant instances.

### Reusable Insights

Provides valuable insights into the security state of your databases, simplifying the compilation of security standard documents.

### Efficiency in Reporting

Once configured, reporting becomes quick and straightforward, eliminating manual compilation errors and saving time.

## Customizable to Fit Your Chosen Security Standard

### Tailor Compliance Checks

Adapt the compliance checks to meet specific requirements of your chosen security standard, such as CIS, ISO, etc.

## Simplifies Compliance Work Reduces Manual Effort

Minimizes the manual effort required to ensure compliance.

## Centralized Policy Management

Create and manage policies, then apply them across all your instances.

## Company-wide Consistency

Ensure uniform application of company policies across all database instances.

## Continuous Monitoring of Compliance

### Real-time Monitoring

Continuously monitor your instances for security and compliance issues, providing real-time insights and alerts.

## Rule and Exception Management

Keep track of exceptions to your rules and statistics on exceptions over time.

## Prioritization Insights

Comprehensive dashboards offer a holistic view of your security and compliance status, helping you prioritize actions effectively.

This chapter contains information about configuration deviations collected by the "Security and Compliance" module which is installed and configured on the MS SQL Server instance.

### 1.1. Deviations

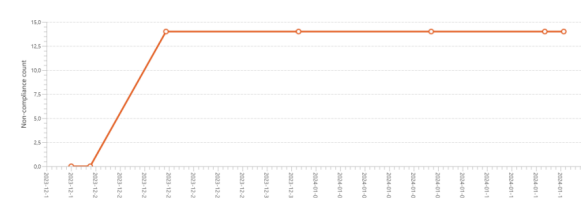
This table lists various configuration deviations for MS SQL Server instance.

Job	Details	Status
CLR Enabled	CLR user code execution is enabled. 19 database(s) checked. 0 user-defined assemblies registered.	WARNING
Remote access	Remote access is enabled.	WARNING
Standard ports	Not permitted port: 1433. Ports in use: 1433 (17).	WARNING
Disabled sa account	Login account "sa" is enabled.	WARNING
Contained database credentials	1 database user(s) using database authentication. Users: [test_db_cont].[Carlo]	WARNING
MS SQL Server patch status	12 weeks has passed since patch "RTM" release (2023-08-14). Current patch: "RTM", released: 2019-11-04. Alarm/warning threshold: 60 days. There are 27 patches available with the latest released 2023-08-14. 14 months to "Support end date" (2025-01-07). 7 years to "Extended support end date" (2030-01-08).	WARN
Instance Authentication Mode	Mixed Mode in use.	WARN
Renamed sa account	Default login account "sa" is not renamed.	WARN
Windows BUILTIN groups	1 Windows BUILTIN group(s) is/are created as SQL Login(s) [BUILTIN\Users].	WARN
Password policy	2 login(s) with CHECK_POLICY option set to "OFF". Login(s): [dbw_test], [dbw_test2].	WARN
CLR Assembly permission	17 assemblies using external or unsafe permission_set.	WARN
Password expiration (sysadmin)	5 logins with CHECK_EXPIRATION option is set to "OFF".	WARN
Orphaned database users	5 orphaned database user(s) found.	WARN

Instance information						
STATUS	NAME	GROUP	PLATFORM	EDITION	HOST	STARTED
ms19 local 3	DEV1	SQL Server 2019 (RTM)	Express Edition	localhost	Nov 1, 2023 8:58:05 AM	16
Jobs with status						
STATUS	NAME	LAST RUN	SCHEDULE	NEXT RUN	DETAILS	
Filter	Filter	Filter	Filter	Filter	Filter	
Warning	Password policy	5:52:53 AM	52 5 ***	Nov 7, 2023 5:52:18 AM	2 login(s) with CHECK_POLICY option set to "OFF". Login(s): [dbw_test], [dbw_test2].	
Warning	Remote access	11:35:14 PM	0:35 ***	Nov 7, 2023 12:00:14 AM	Remote access is enabled.	
Warning	Renamed sa account	10:44:49 PM	44 * **	11:44:18 PM	Default login account "sa" is not renamed.	
Warning	Standard ports	11:11:49 PM	11:41 ***	11:41:18 PM	Not permitted port: 1433. Ports in use: 1433 (27).	
Warning	Windows BUILTIN groups	5:47:53 AM	47 5 **	Nov 7, 2023 5:47:18 AM	1 Windows BUILTIN group(s) is/are created as SQL Login(s). Login(s): [BUILTIN\Users].	
OK	Ad Hoc Distributed Queries	11:30:14 PM	0:30 ***	Nov 7, 2023 12:00:14 AM	Distributed queries are disabled.	
OK	Auto close database	10:45:50 PM	45 ***	11:45:18 PM	2 contained database(s) checked. 0 database(s) with auto close on.	

### 2.3. Non-compliance Trend Analysis

The graph below illustrates non-compliance history detected by all Security and Compliance jobs.



Chaining is disabled.  
disabled.  
compatibility level.  
gins only" (value 2) is set.  
aemon Launcher (MSSQLSERVER) service running under "NT ...  
users with CONNECT permission.  
gins only" (value 2) is set.  
other member function "SQL" is not



## Contact

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