



# Unique rules to find Bugs, Vulnerabilities, Security Hotspots, and Code Smells in your T-SQL code

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## Tags

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"ANSI\_NULLS", "ANSI\_PADDING" and "CONCAT\_NULL\_YIELDS\_NULL" should not be configured

 Code Smell

**"@@IDENTITY" should not be used**

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"COALESCE", "IIF", and "CASE" input expressions should not contain subqueries

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**"CHECK" or "NOCHECK" should be specified explicitly when constraints are activated**

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## Deprecated features should not be used

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Multiline blocks should be enclosed in BEGIN...END blocks

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## Two branches in a conditional structure should not have exactly the same implementation

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## "LIKE" clauses should not start with wildcard characters

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Column names should be used in an "ORDER BY" clause

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## Queries should not join too many tables

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Function and procedure names should comply with a naming convention

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Columns to be read with a "SELECT" statement should be clearly defined

**"ANSI\_NULLS", "ANSI\_PADDING" and "CONCAT\_NULL\_YIELDS\_NULL"**  
should not be configured

## Analyze your code

 Code Smell  Major   obsolete

Changing the configuration of database options `ANSI_NULLS`, `ANSI_PADDING` and `CONCAT_NULL_YIELDS_NULL` is deprecated. The future versions of SQL Server will only support the `ON` value, and the `SET` statement for those options to `OFF` will eventually generate an error.

## Noncompliant Code Example

```
SET ANSI_NULLS OFF -- Noncompliant
SELECT column1 FROM table1 WHERE id = NULL
```

```
SET ANSI_PADDING OFF -- Noncompliant
SET CONCAT_NULL_YIELDS_NULL ON -- Noncompliant
```

SET ANSI\_PADDING ON -- "ON" is ignored

## Compliant Solution

```
SELECT column1 FROM table1 WHERE id IS NULL
```

Available In:

**sonarlint**  | **sonarcloud**  | **sonarqube**  Developer Edition

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