

# Changes or new features - 8.3.14

## On this page:

- [.NET](#)
  - [Rules](#)
    - [Avoid using untyped DataSet - 7460](#)
    - [Avoid NoSQL injection on MongoDB \(C#\) - 8418](#) and [Avoid second order SQL injection - 8420](#)
  - [.NET Framework 4.7.1 now installed by CAST AIP setup](#)
- [JEE](#)
  - [Rules](#)
    - [Avoid multiple validation form with the same name - 7364](#)
- [CSSOptimize tool -user option](#)
- [CSS Upgrade Wizard](#)



**Summary:** CAST AIP 8.3.14 introduces a number of features and changes as listed below.

## .NET

### Rules

#### Avoid using untyped DataSet - 7460

The rule **Avoid using untyped DataSet - 7460** (which is delivered as part of AIP, rather than the [.NET Analyzer extension](#)) has been set as **deactivated** and **detached** by default. Therefore after an upgrade to CAST AIP 8.3.14 and the generation of a post-upgrade consistency snapshot, results may differ: the rule will no longer be triggered during an analysis.

#### Avoid NoSQL injection on MongoDB (C#) - 8418 and Avoid second order SQL injection - 8420

The rules **Avoid NoSQL injection on MongoDB (C#) - 8418** and **Avoid second order SQL injection - 8420** (which are delivered as part of AIP, rather than the [.NET Analyzer extension](#)) are now set as "critical" by default. Therefore after an upgrade to CAST AIP 8.3.14 and the generation of a post-upgrade consistency snapshot, results may differ: there may be an increase in critical violations and a corresponding decrease in non-critical violations.

### .NET Framework 4.7.1 now installed by CAST AIP setup

When running the the CAST AIP setup and a previous release of CAST AIP is **NOT already present** on the target workstation (i.e. a "from scratch installation"), the CAST AIP setup will now automatically install the **.NET Framework 4.7.1** if it (or a more recent version of the framework) is not present on the target workstation.



Notes:

- When running the CAST AIP setup and a previous release of CAST AIP is **already present** on the target workstation (i.e. "Service Pack installation"), the CAST AIP setup will **NOT** install .NET Framework 4.7.1 even if it (or a more recent version of the framework) is not present on the target workstation. In this scenario, it is the responsibility of the end-user to install the required .NET Framework.
- The .NET Framework 4.7.1 or higher is present out-of-the box with latest updates on Windows 10 and Windows Server 2016.
  - [How to determine which .NET Framework version is installed](#)
  - [Get latest version of .NET Framework](#)

## JEE

### Rules

#### Avoid multiple validation form with the same name - 7364

The rule **Avoid multiple validation form with the same name - 7364** (which is delivered as part of AIP, rather than the [JEE Analyzer extension](#)) has been set as **deactivated** and **detached** by default. Therefore after an upgrade to CAST AIP 8.3.14 and the generation of a post-upgrade consistency snapshot, results may differ: the rule will no longer be triggered during an analysis.

# CSSOptimize tool -user option

The option **-user** has been deprecated and should no longer be used. Instead, please use the option **-username** (available in **AIP 8.3.13**) if you need to specify a user other than Operator. See [CAST Storage Service - Maintenance activities](#).

# CSS Upgrade Wizard

It is now possible to select multiple schemas for for upgrade to CSS3 instead of having to select them on-by-one. Use the SHIFT + arrow keys to select the items, then SPACE to check/uncheck them:

