[2024-02-27] Change Log

This release contains the following Kiuwan Engine Updates for **Kiuwan Cloud**:

Parsing Errors

- **QAK-6780** Resolved parsing issue in Natural language on "PROTOTYPE" statement due to an unexpected token "END" that could not be recognized by the language parser.
- **QAK-6787** Resolved parsing error in Natural language files related to "READ WORK FILE" statements.
- **QAK-6798** Fixed parsing errors in Natural language files related to the "END" token.
- **QAK-6800** Resolved parsing issue in Natural language when encountering "HANDLE OF OBJECT" at "DEFINE DATA" statement.
- **QAK-6820** Resolved parsing issue in Natural language on handling the "MARK" keyword.
- **QAK-6822** Resolved parsing issue in Natural language on handling the "VALUE 1 ,2" statement or similar statements.
- **QAK-6829** Resolved parsing errors in PL/SQL language while analyzing a PL/SQL file with the reserved word "WORK".
- **QAK-6863** Resolved parsing errors in Natural language files containing the reserved keyword "REL."
- **QAK-6866** Resolved an issue of not parsing Natural language files with "EXAMINE" followed by two "GIVING" clauses.
- **QAK-6873** Resolved errors in the analysis of execution logs related to Java.
- **QAK-6874** Resolved a parsing error when analyzing T-SQL file containing "FOR JSON PATH" statements.
- **QAK-6876** Resolved an issue in Natural language related to fields-to-table assignment.
- **QAK-6879** Resolved the parsing issue in the Natural language related to "PERFORM" keyword with additional keywords, such as "PERFORM READ".
- **QAK-6882** Resolved a parsing issue in Natural language related to "FOR" statement with a plus (+) character.
- **QAK-6934** Resolved parsing issue in Natural language on "STARTING WITH ISN" statement.

General Fixes

- **QAK-6755** Resolved issues related to Objective C programming language: The analysis might give invalid source code references (line numbers) for the Kiuwan rule OPT.OBJECTIVEC.MethodCyclomaticComplexity.
- **QAK-6795 (FOG-255)** Kiuwan Insights is no longer detecting false positives in certain files and reporting CVEs related to the Spring Framework versions in Java.
- **QAK-6886** An issue in the Kiuwan parser for Natural Language has been resolved related to the handling of the "LOCAL" keyword.