

APEX-SERT

Version 4.2 New Features

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1. Preface

1.1. Audience

The *APEX-SERT Installation Guide* is provided as a reference to install and configure APEX-SERT. It is intended for system administrators and/or DBAs. You will require access to a database account with SYSDBA privileges to install APEX-SERT.

1.2. Conventions

The following typeset conventions are used throughout this document:

Plain Text

Plain text is nothing more than standard, narrative text. No special actions are required.

Fixed Width

Fixed width is used to denote input required from the user. When something is in the **fixed width** font, that text should be entered into the corresponding field or region.

Bold

Bold is used to indicate that you should perform an action, such as clicking a link or pressing a button, which corresponds to the value of the **Bold** text.

Bold Underline

Bold Underline is used to refer to a label or section of a page. **Bold Underline** labels will typically denote where an action should occur, not the action itself.

2. New Features

2.1. Single Workspace Installation

The biggest enhancement to APEX-SERT is that it is now only installed one time per instance of APEX, regardless of how many workspaces need to access it. This dramatic change makes the overall management of APEX-SERT much simpler, and at the same time, enables a single developer to evaluate applications from any other workspace that an administrator permits.

2.1.1. APEX-SERT Administration Application

Because of this dramatic change, a new application - APEX-SERT Administration - is included with APEX-SERT. APEX-SERT Administration is used primarily to manage user access and roles. It is also used to set instance-wide preferences, monitor logs and manage licenses.

More details on the APEX-SERT Administration Application can be found in the *APEX-SERT Administration Application Guide*.

2.1.2. Better APEX Integration

Integration with the APEX Builder has been enhanced, and navigating back to the APEX Builder from APEX-SERT is much more reliable.

2.2. Scheduling Enhancements

Scheduling evaluations has been greatly enhanced. Users can now schedule applications individually or as a group, and receive an e-mail with the summary of the evaluation and/or a PDF copy of the full evaluation results.

Notification Groups can also be created, so that an evaluation is sent to a group of people, not just an individual. Users in a Notification Group do not necessarily have to be an APEX-SERT user.

2.3. Evaluations, Exceptions & Notations

Several enhancements have been made to how Exceptions & Notations are used and managed.

2.3.1. Ability to Purge Evaluations & Events

An administrator can now selectively purge exceptions and events for an application that he/she has access to.

2.3.2. Exceptions can be Used Across Different Application IDs

When exporting and importing exceptions, the Application ID no longer has to be the same for the source and target applications.

2.3.3. Notations can be Deleted

User can now delete their own Notations from within an evaluation.

2.4. Attribute Enhancements

Two new attribute settings - Time to Fix and Severity - have been added. These values are set at the attribute level, but can be overridden within a custom Attribute Set.

2.4.1. Time to Fix

The Time to Fix value represents the average time to fix a specific instance of an attribute. The value - which is recorded in minutes - can be applied to the total number of potential vulnerabilities within an application to derive an estimate as to how long it will take to fix the application.

2.4.2. Severity

The Severity value defines the level of severity for an attribute. This value can be used to help determine the order in which potential vulnerabilities are addressed.

2.5. Notification Preferences

A new set of preferences - Notification Preferences - allows the user to determine when they are notified when new exceptions are created, approved or rejected. Users can be notified immediately, daily or never.

2.6. Reports

Several new reports have been added - one at the workspace level, and three at the application level.

2.6.1. Evaluation Details

The Evaluation Details report allows a user to see and drill down on the results of a specific evaluation.

2.6.2. Exceptions Detail

The Exceptions Detail report displays the details of all exceptions for a specific evaluation.

2.6.3. Issues by Time to Fix

The Issues by Time to Fix summarizes each category and the aggregate time it will take to fix all vulnerabilities within that category for a specific evaluation.

2.6.4. Issues by Page

The Issues by Page report summarizes all issues on a page-by-page basis for a specific evaluation.