

## Run Analysis

Button(new analysis)
<p><b>Description:</b> User can press the button in SAP-Queries, and a new dialog window will be shown. Now the user can enter Configurations and a SAP-Connection.</p> <p><b>Precondition:</b> User is already logged in. User has the role viewer. User has already created Configurations with Access Patterns and a Whitelist. User has already created a SAP-Connection.</p> <p><b>Postcondition:</b> A new window will be shown. User can now set or create a new configuration and SAP-Connection.</p>
<p><b>Returns:</b> Nothing</p> <p><b>Exceptions:</b> None</p> <p><b>Result:</b> A new window will be shown</p>
<p><b>Type:</b> System – Operation</p> <p><b>References:</b> Login, loadAccessPattern, loadWhitelist</p> <p><b>Comment:</b> -</p>

### **Add(configurations, SAP-System), Button(run analysis)**

**Description:**

User can now choose between already existing Configurations and SAP-Connection or creates some new. By pushing the button run analysis opens a new window "SAP-Login".

**Precondition:**

User is already logged in.

User has the role viewer.

User has already created Configurations with Access Patterns and a Whitelist.

User has already created SAP-Connection.

User has already pushed button (new analysis).

**Postcondition:**

A new configuration with whitelist and access patterns is set.

A new SAP-Connection is set.

SAP-Connection does work.

A new window "SAP-Login" will be shown where the user can enter his SAP – login data.

**Returns:**

Nothing

**Exceptions:**

Throws an exception if there is no internet connection, or the chosen data is not valid.

**Result:**

Opens a new window, where the user can enter his SAP-login data.

**Type:**

System – Operation

**References:**

Login, loadAccessPattern, loadWhitelist, Button (New analysis).

**Comment:**

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### **Enter(SAP-Login(Username, password)), Button (Login)**

**Description:**

User enters his SAP-login data (Username and password). SAP – Connection will established.  
The final results will be displayed.

**Precondition:**

User is already logged in.

User has the role viewer.

User has already created Configurations with Access Patterns and a Whitelist.

User has already created SAP-Connection.

User has already pushed button (new analysis).

User has set new Configuration and SAP-Connection.

**Postcondition:**

User sees a loading animation until the SAP-Connections is established.

User is connected with SAP-System.

User can now see the results.

User can now export results.

**Returns:**

Violations.

**Exceptions:**

Throws exception if the SAP-Connection could not be established.

**Result:**

Opens new window, where the user can see the Number of violations. The violated UseCasesIds, a description and the username. He also can export the results. Or can get a detailed overview of the violations.

**Type:**

System – Operation

**References:**

Login, loadAccessPattern, loadWhitelist, Button (New analysis), Add(configurations, SAP-System), Button(run analysis)

**Comment:**

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