PUBLIC

Business Process and Integration Monitoring with SAP Cloud ALM for Operations Hands-On Part 2: Business Process Monitoring IIS265

Exercises / Solutions Simon Blattmann, Marcel Wolf / SAP SE



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The Business Process Monitoring app in SAP Cloud ALM for operations supports the detect-to-automate lifecycle of SAP Cloud solutions along the end-to-end processes of the Intelligent Suite. Business process monitoring aims to provide transparency about the end-to-end process health based on predefined key performance indicators (KPIs). It enables both line-of-business users and IT users to directly identify business process disruptions across the entire system landscape, and to react to anomalies before critical situations arise.

BEFORE YOU START

Overview

Estimated time: 45 min

Objective

This session shows you how to use BPMON for a root-cause analysis of a business problem, how to manage and configure KPIs and alerts, how to use the alert inbox and to provide further information available in the embedded help.

Exercise Description

The exercise for part 2 consists of four parts:

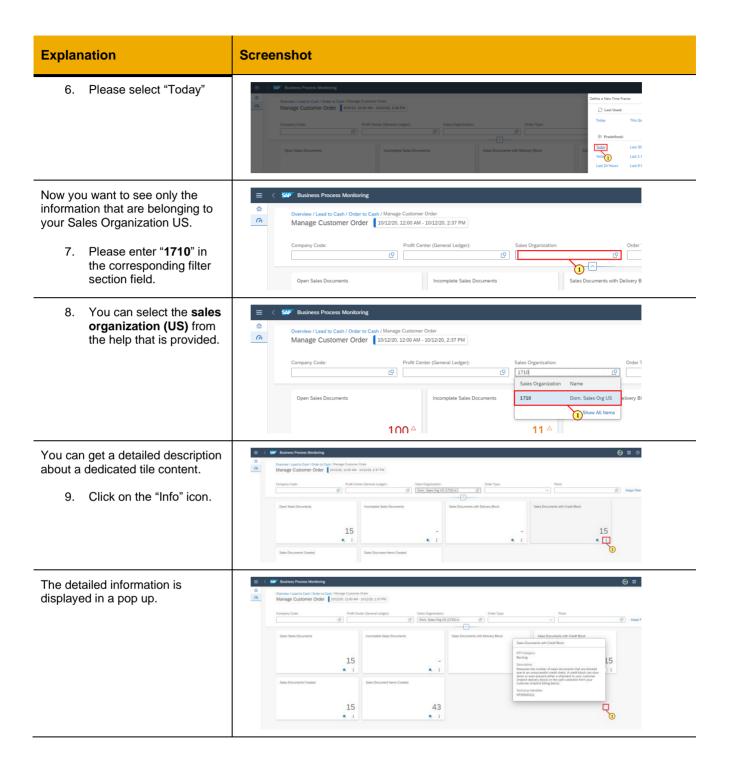
- Monitor and Analyze Business Exception
- Configure Business Process Monitoring
- Analyze Alerts
- Explore further functions and features

EXERCISES

Monitor and Analyze Business Exception

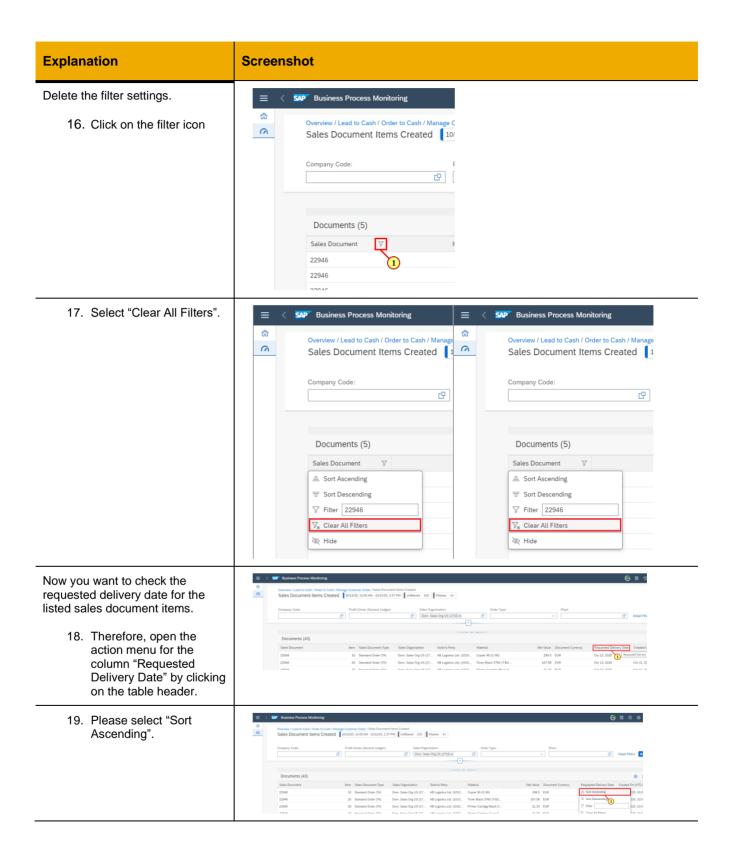
Explanation
The log-on details to your SAP Cloud ALM tenant will be provided during the hands-on session.
Navigate on the SAP Cloud ALM launchpad to the SAP Cloud ALM for Operations section and open the Business Process Monitoring App

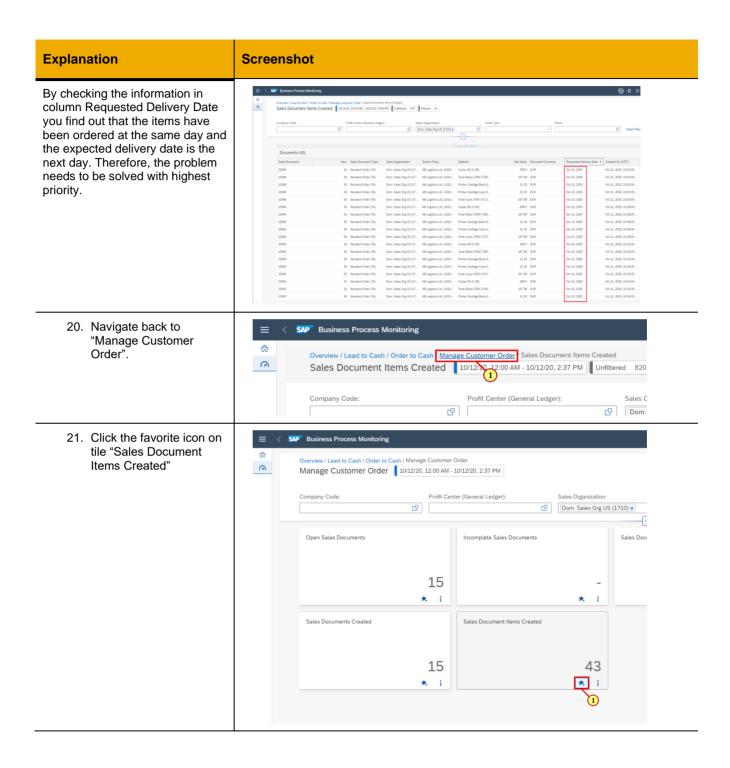
Explanation Screenshot On the home screen you get an SAP Business Process Monitoring overview about all monitored 命 business processes. You can Overview 10/5/20, 12:00 AM - 10/12/20, check your favorite KPIs and get information regarding your monitored end-to-end processes. 2. Please click on "Lead to Cash" tile in the End-to-End Processes section. End-to-End Processes (3) Lead to Cash Information about the sub steps that are related to the "Lead to Cash" process is displayed now. 3. Please navigate further to the "Order to Cash" sub step. The sub step information for the SAP Business Process Monitoring "Order to Cash" process is displayed now. 命 Overview / Lead to Cash / Order to Cash (A) Order to Cash 10/5/20, 12:00 AM - 10/12/20 You can see that only 3 of 6 KPIs are displayed on this level for the Manage Customer Order Company Code: subprocess. 4. Please click on "Manage Customer Order" to see Manage Customer Order all related KPIs. 3 of 6 KPIs shown 0 Substeps You want to see the values only for a specific time frame. Therefore, click on the calendar icon on the toplevel navigation section.



Explanation Screenshot You have recognized that there is an unusual high number of sales documents with credit block in your area of responsibility. 10. Please click on the corresponding KPI tile 15 "Sales Documents with Credit Block" to investigate further. All the sales documents with credit block are displayed now. Overview / Lead to Cash / Order to Cash / Manage Customer Order / Sales Documents with Credit Block Sales Documents with Credit Block 10/12/20, 12:56 AM - 10/12/20, 3:34 PM Unfiltered 25 Filtered 15 You can see that all blocked sales orders belonging to orders from Dom. Sales Org US (1710) x the same customer. The next thing you would like to check is the requested delivery date in order to determine how urgent it is Dom. Sales Org US (17... to solve the credit block. Dom. Sales Org US (17... AB Logistics Ltd. (1010. Dom. Sales Org US (17... 11. Copy one Sales Document number (e.g. 22946) (2) Documents (15) Dom. Sales Org US (17... Dom. Sales Org US (17... Dom. Sales Org US (17... 22943 Dom. Sales Org US (17... AB Logistics Ltd. (1010. Dom. Sales Org US (17... Direct Sales (10) AB Logistics Ltd. (1010. Dom. Sales Org US (17... AB Logistics Ltd. (1010. 12. Navigate back to SAP Business Process Monitoring "Manage Customer Order". Overview / Lead to Cash / Order to Cash Manage Customer Order / Sales Documents with Credit Block (A) Sales Documents with Credit Block 10,12,20, 12:00 AM - 10/12/20, 2:37 PM Unfiltered 25 Profit Center (General Ledger): G Dom. Sale

Explanation Screenshot As the requested delivery data is maintained on sales document item level we need to check the details of KPI "Sales Document Items Created". 13. Please click on the 15 corresponding KPI tile "Sales Document Items Created". Q 15 14. Please do a right click on "Sales Document" in the first column of the (3) Sales Document Items Ci document table to open an action menu. Documents (43) 1 22948 Please filter the column "Sales Document" to scope the information to your previously 0 Sales Document Items Create copied sales document number (e.g. 22946) 15. Paste previously copied sales document number Documents (43) Now you can see the single items Documents (5) that the selected sales document consists of. Dom. Sales Org US (17... AB Logistics Ltd. (1010... Copier 90 (C-90) andard Order (TA) Dom. Sales Org US (17... AB Logistics Ltd. (1010... Toner Black 3760 (T-B3... 22946 Dom. Sales Org US (17... AB Logistics Ltd. (1010... Printer Cartidge Cyan 6... 22946 indard Order (TA) 22946 Dom. Sales Org US (17... AB Logistics Ltd. (1010... Toner Cyan 3760 (T-C3...

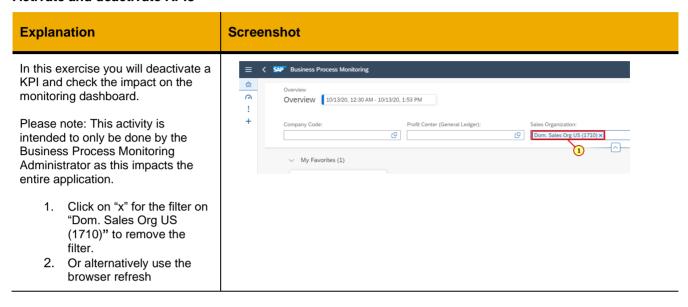


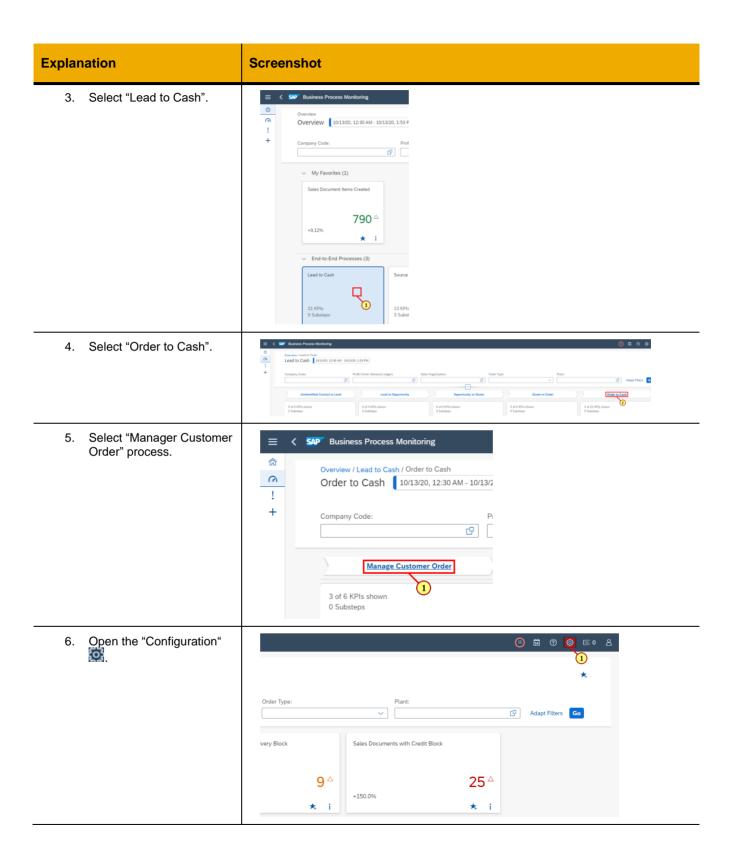


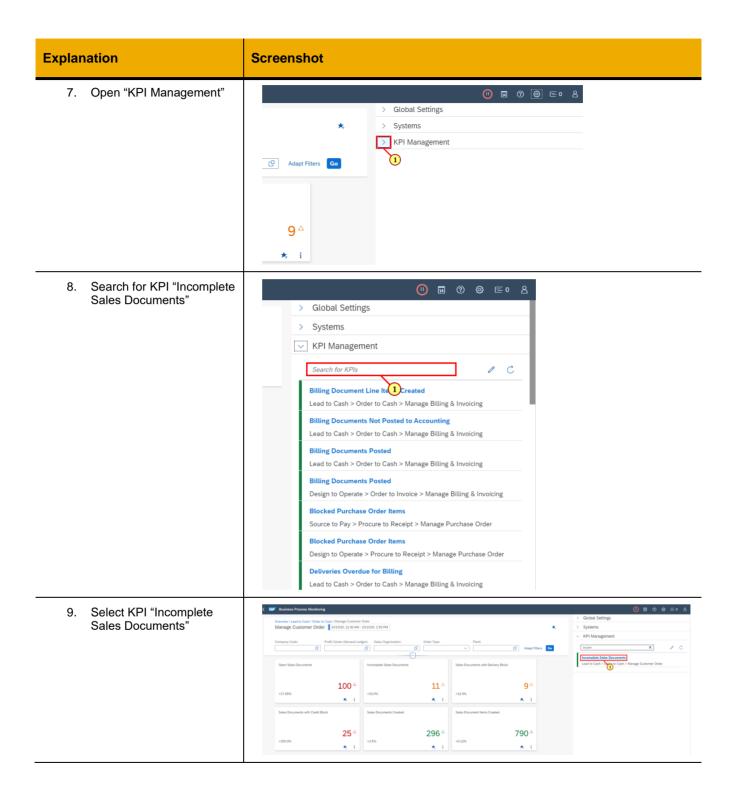
Explanation Screenshot 22. Please confirm that this tile will be added to your favorites. 15 Add to Favorites 15 23. Navigate back to the **Business Process Monitoring** "Overview" screen. 命 Overview / Lead to Cash / Order to Cash / Manage Customer Order (A) Manage Customer Order 10/12/20, 12:00 AM - 10/12/20, 2:37 F Company Code: Profit Center (General Lec G The selected tile is displayed in the "My Favorites" section now. So, you can keep an eye on the progress of the problem-solving progress. In this exercise you have learned to detect and analyze a business problem. In the next section you will learn more regarding the configuration of Business Process Monitoring.

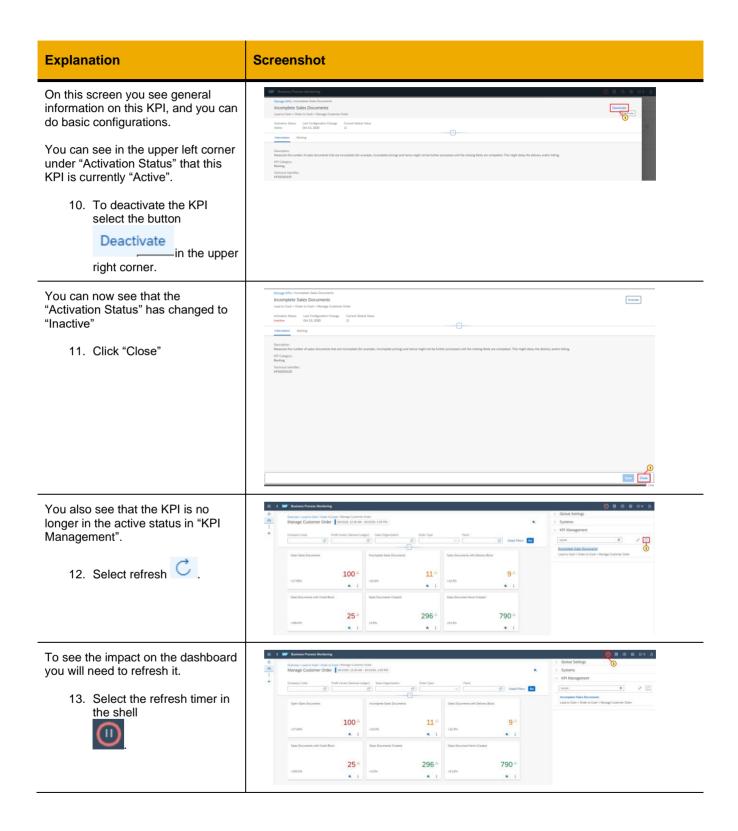
Configure Business Process Monitoring

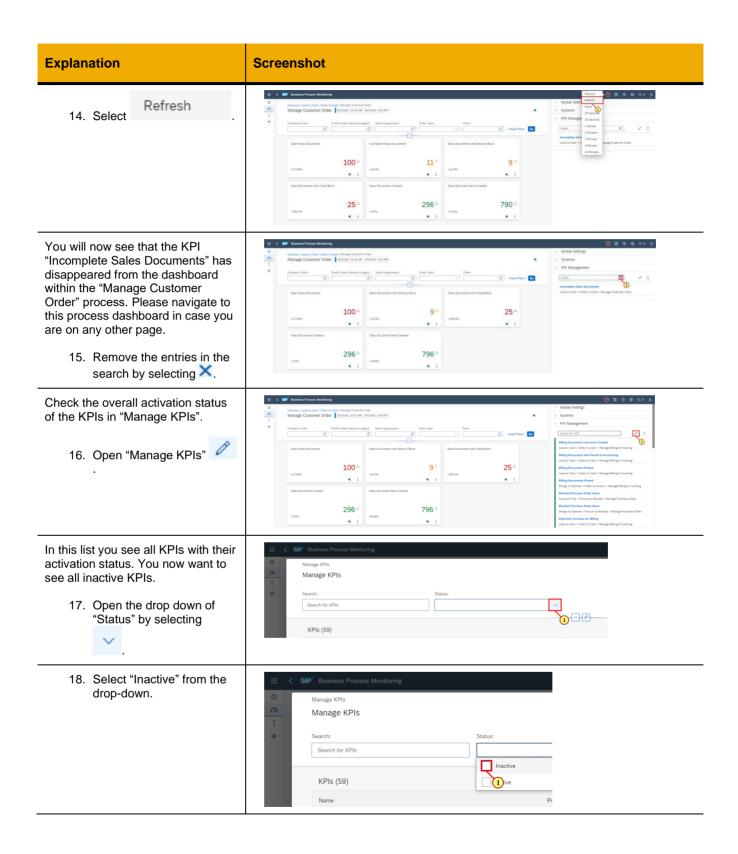
Activate and deactivate KPIs

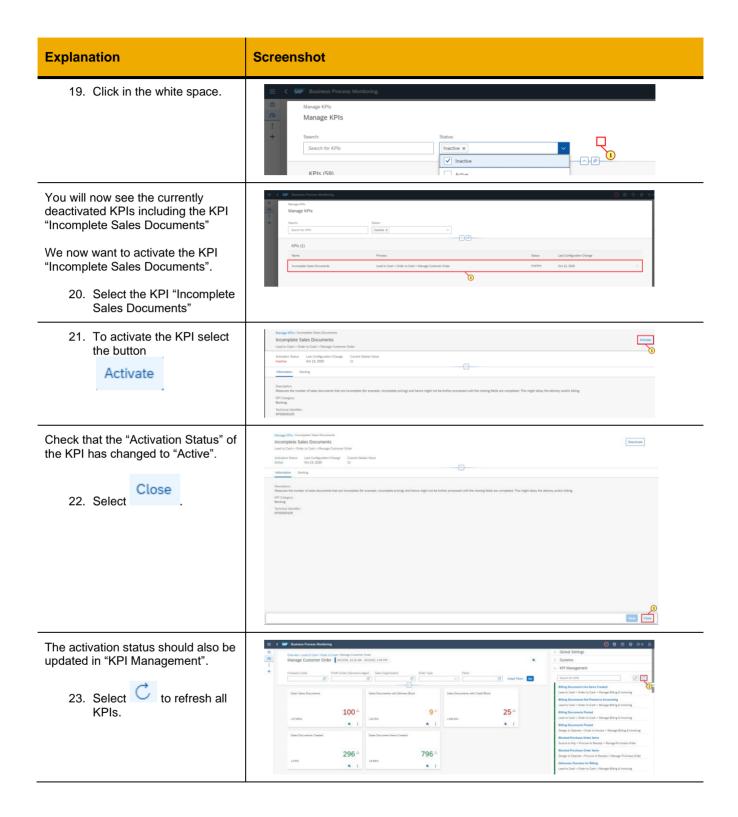


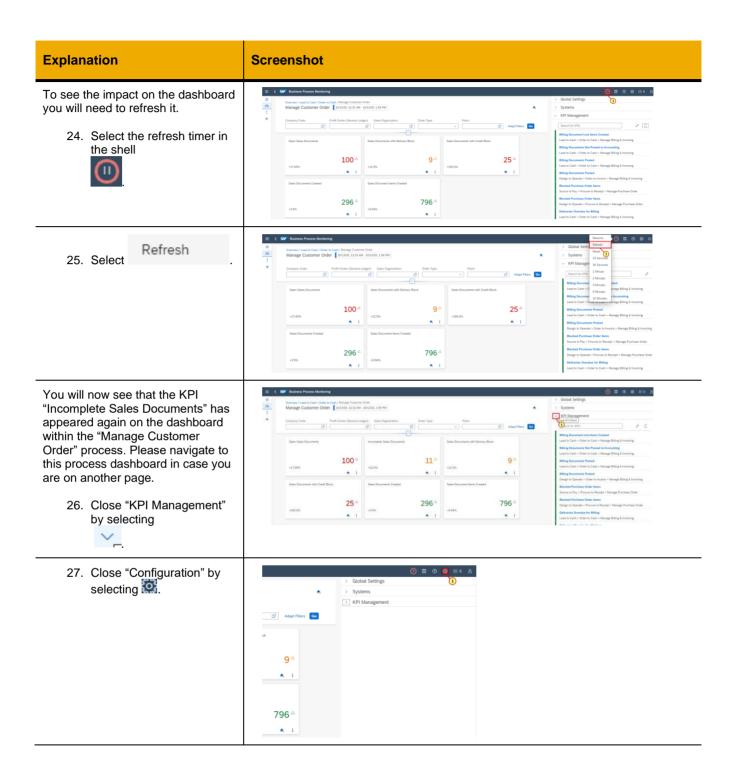


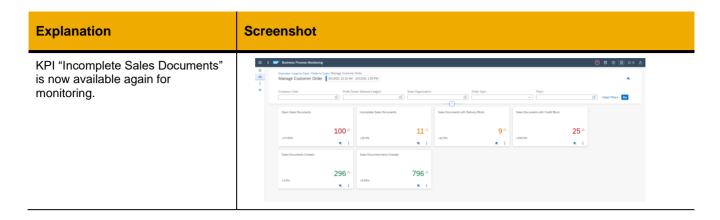




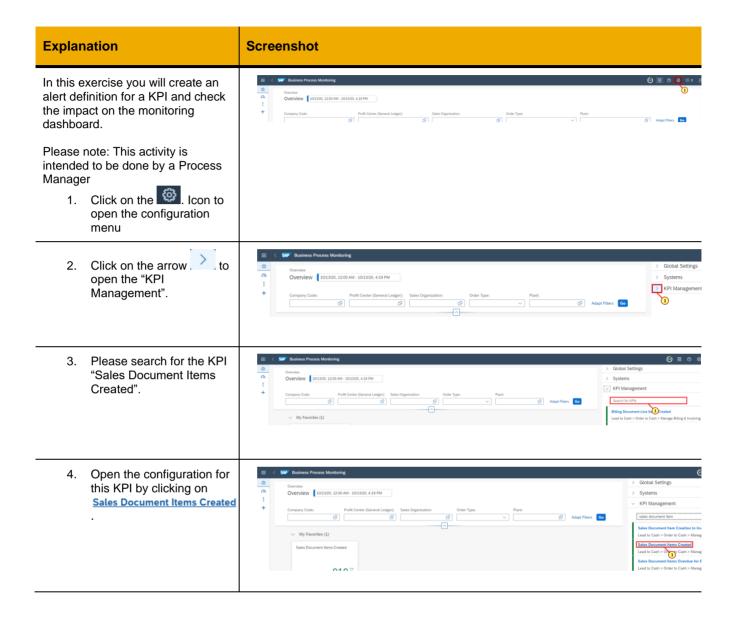


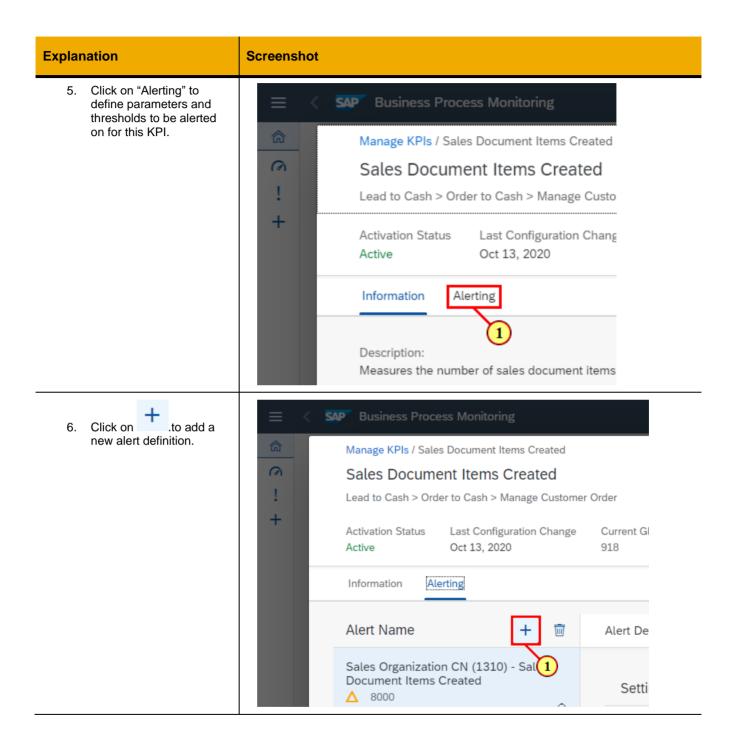


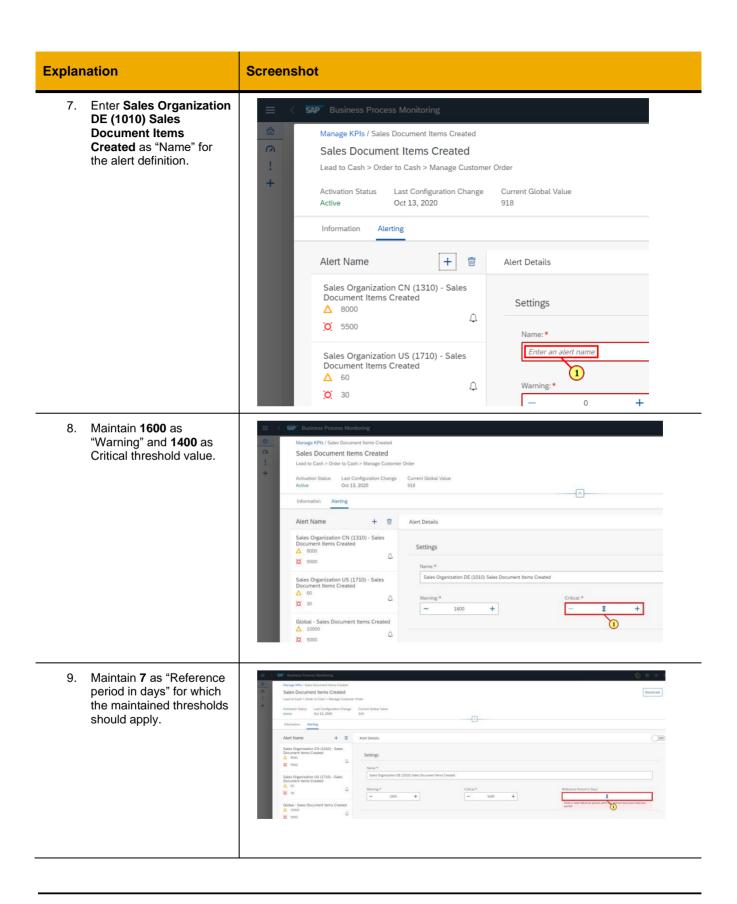


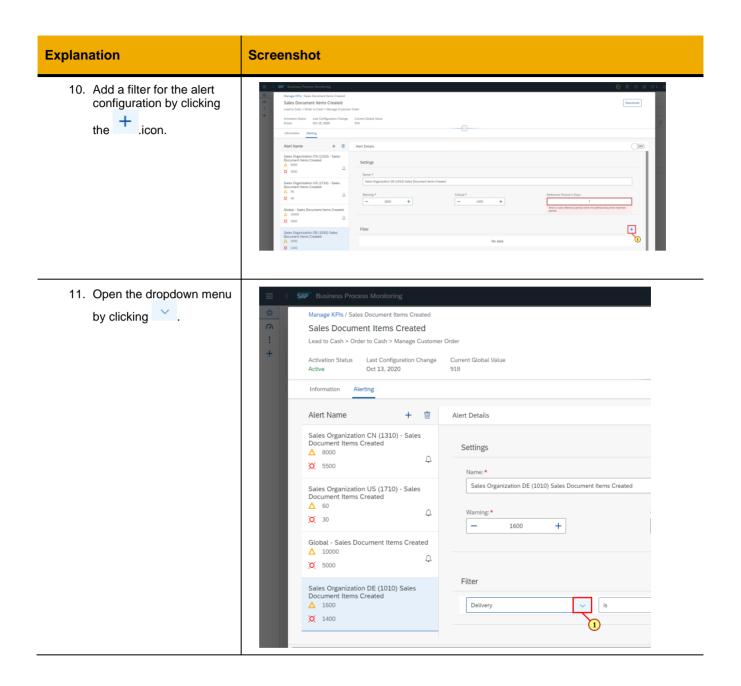


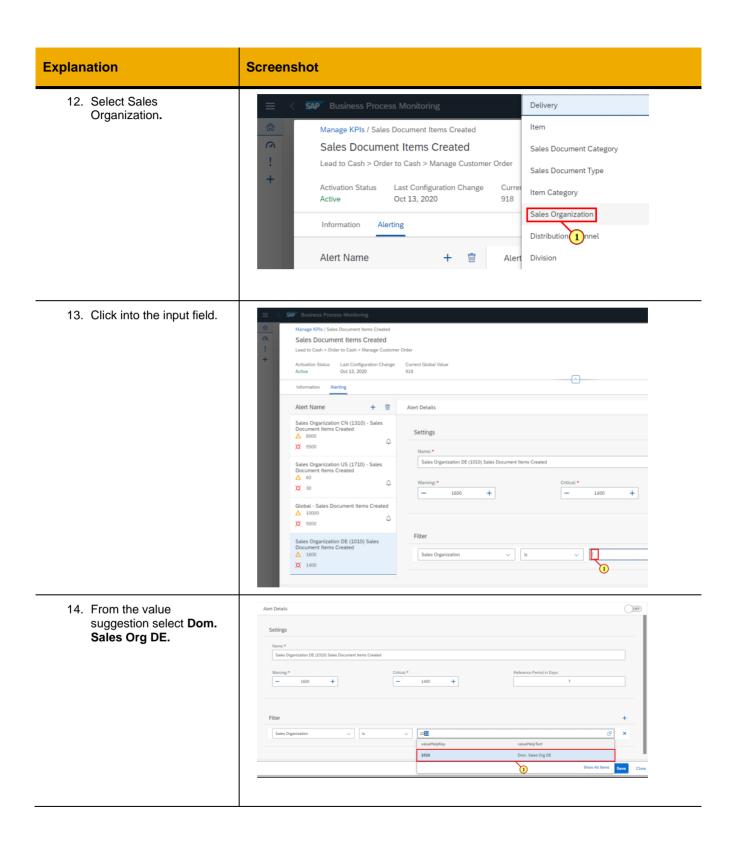
Create alert definition

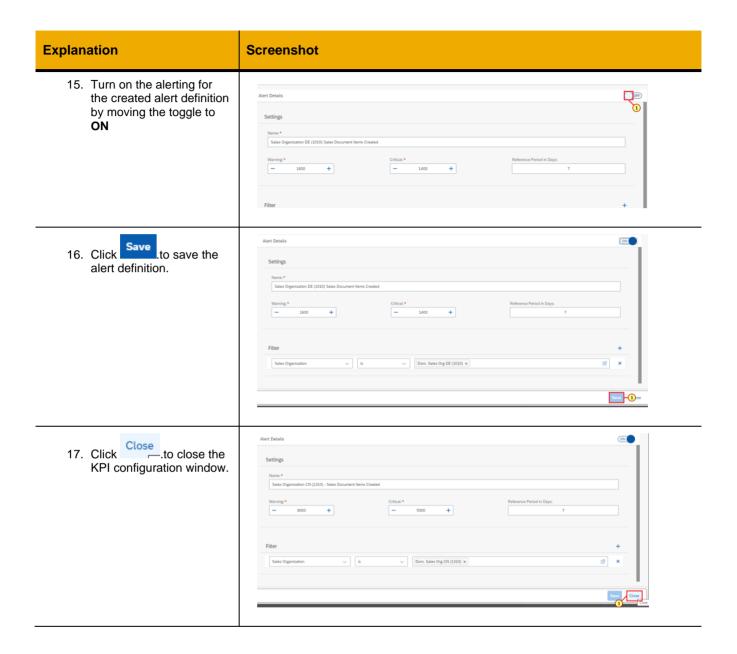


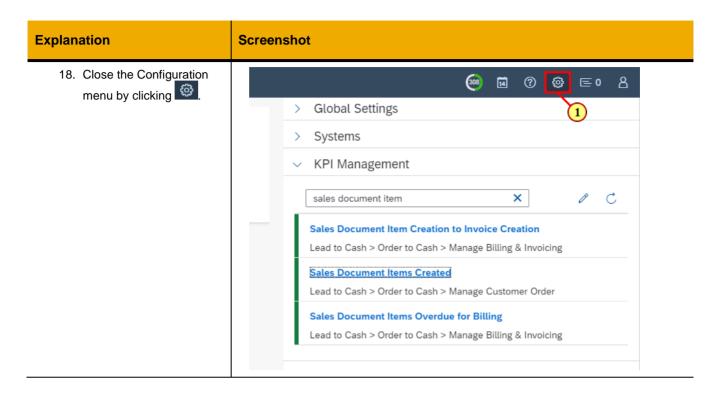




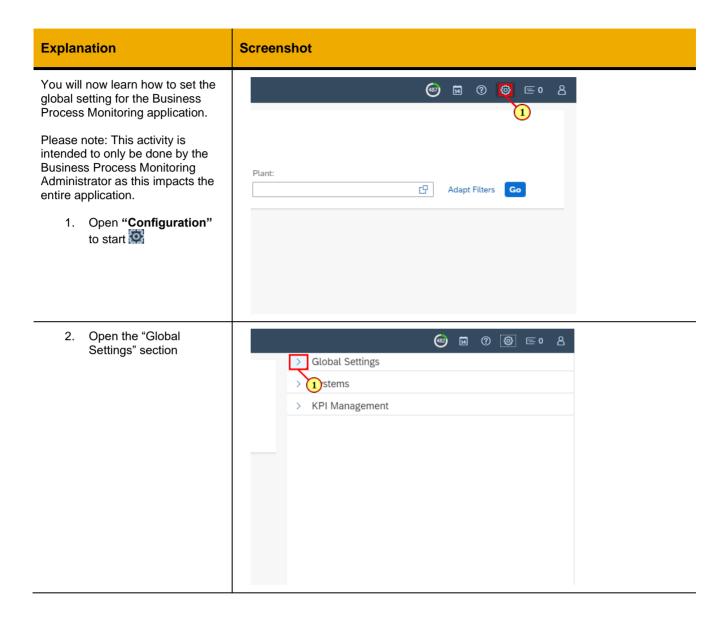


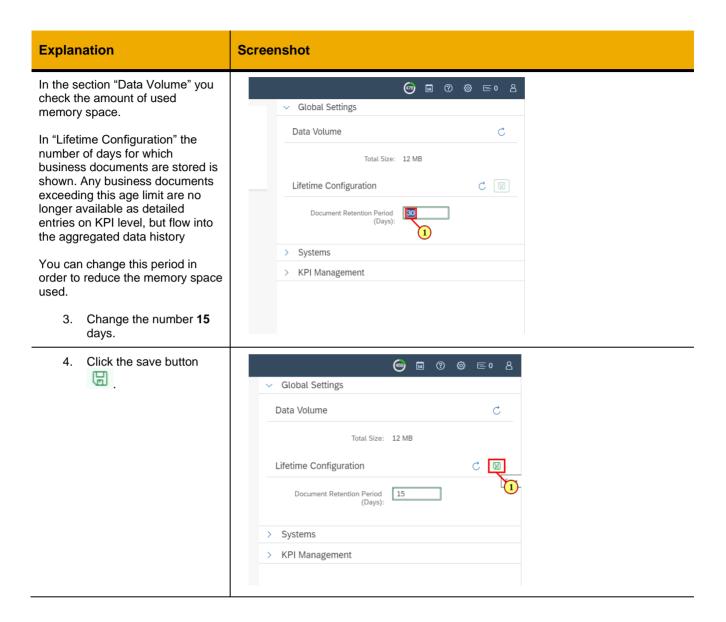


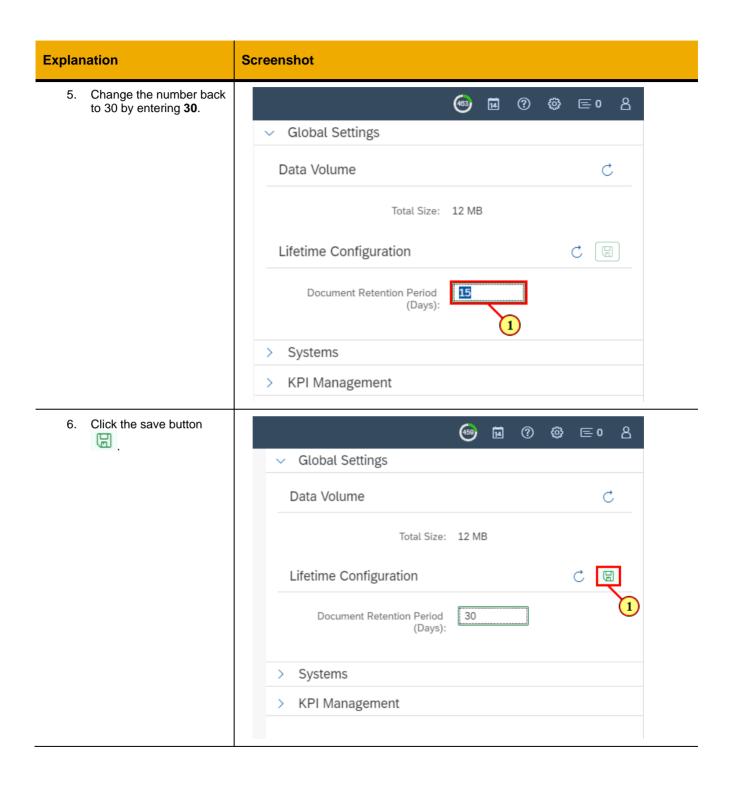


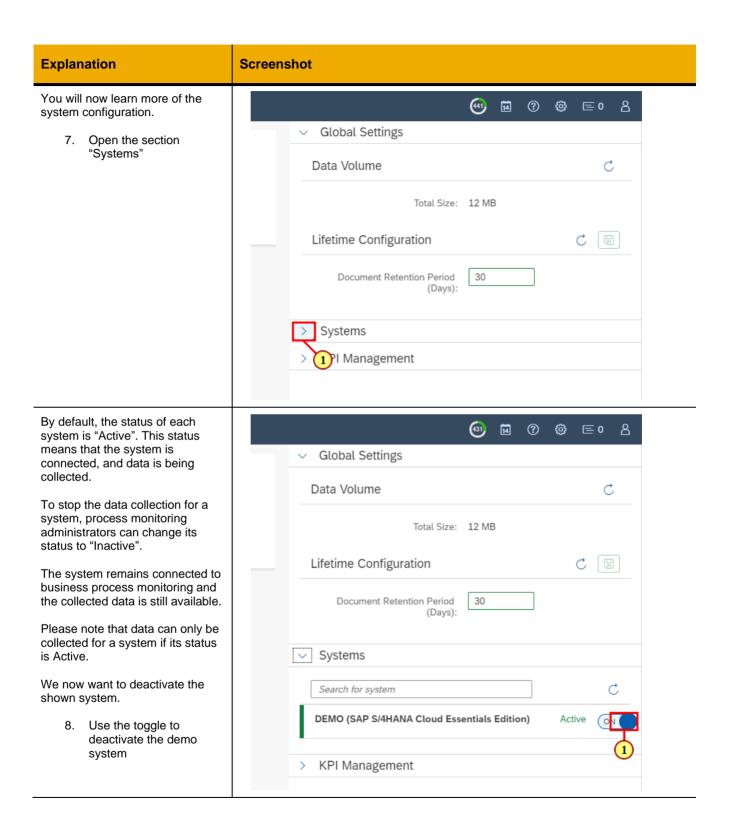


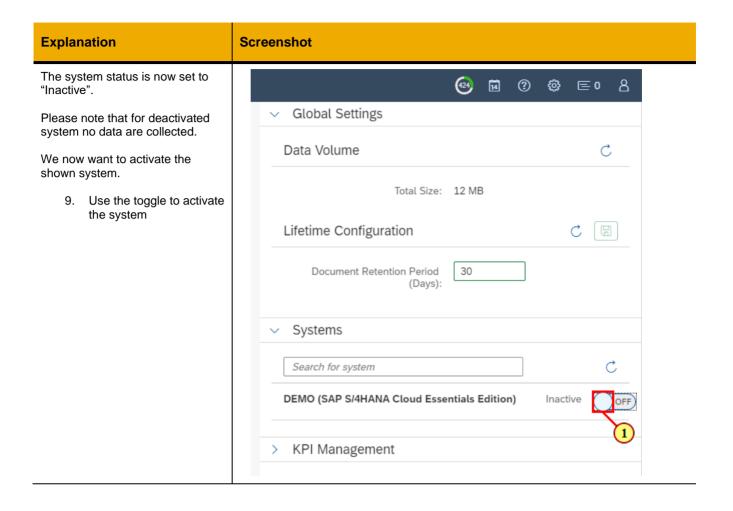
Configure Global Settings

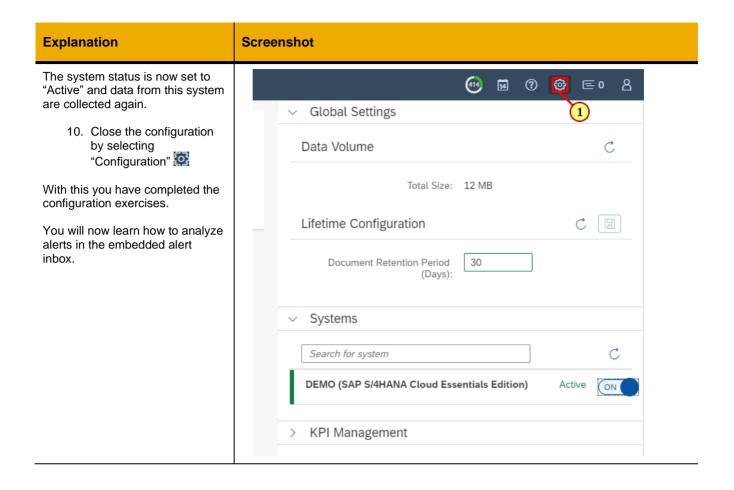




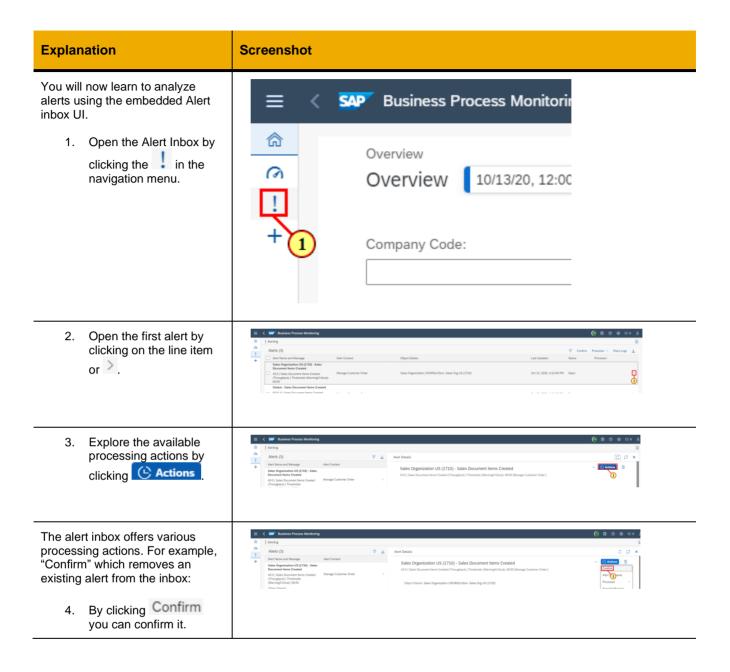


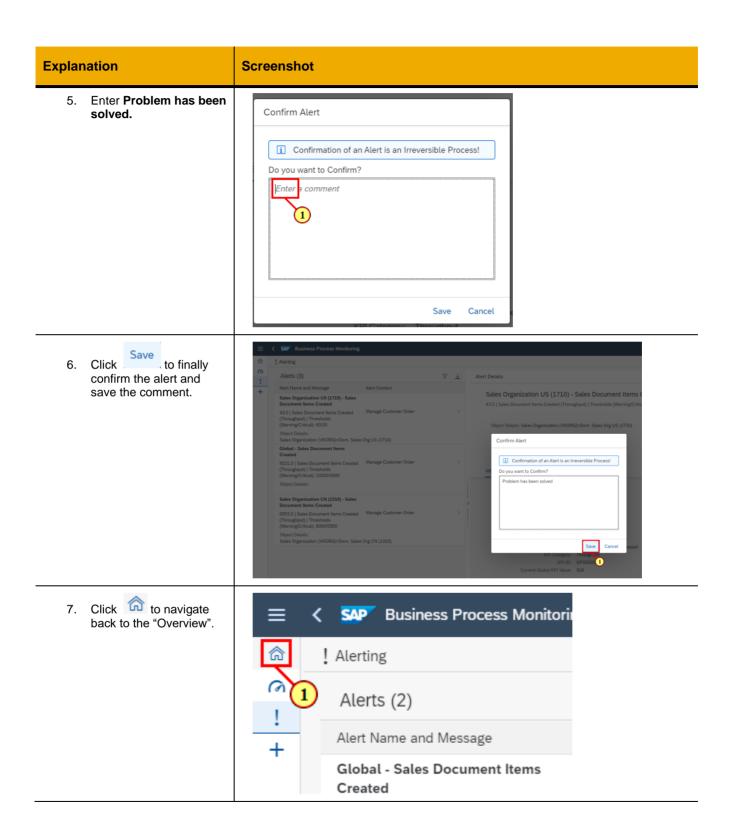


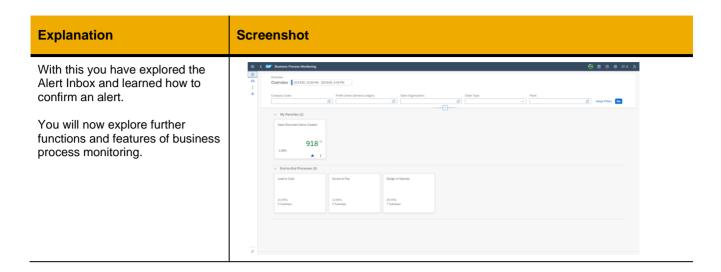




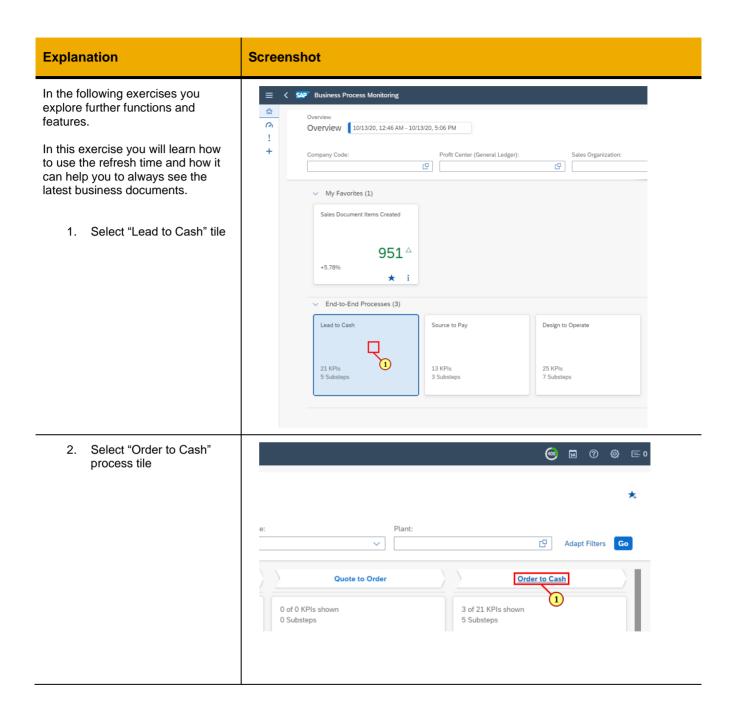
Analyze Alerts

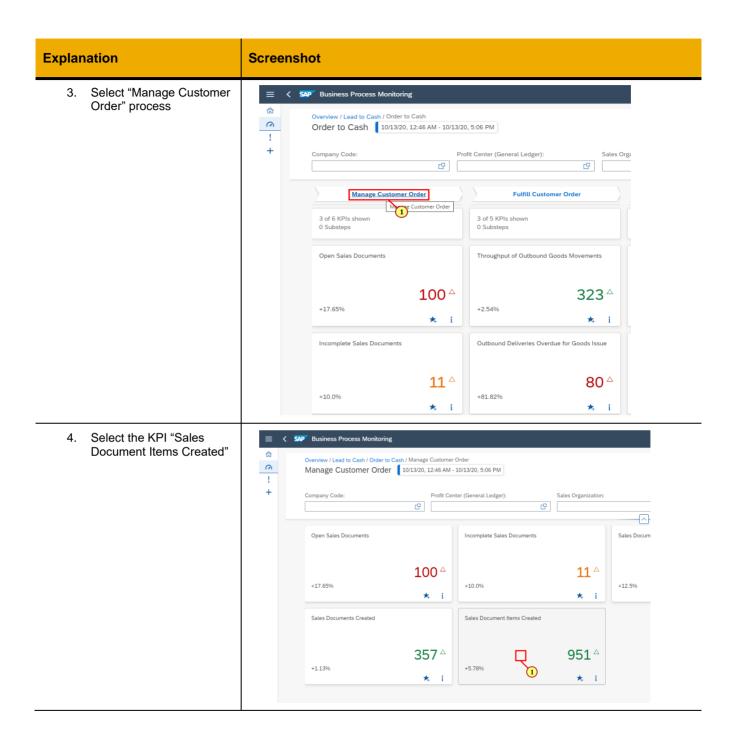






Explore further functions and features





Explanation Screenshot In the this KPI you see in the □ ② ② E ○ column "Created On (UTC)" the timestamp when this Sales Document item has been created. Adapt Filters Go Please note that the time stamps are shown as Coordinated Universal Time (UTC) and reflect @ **(** the system time. Oct 13, 2020, 3:05:27 Pt Oct 17, 2020 To update the list with lasted Oct 17, 2020 Oct 13, 2020, 3:04:21 Pf business documents collected use Oct 17, 2020 Oct 13, 2020, 3:03:16 Pf the "Refresh Timer". Oct 13, 2020, 3:02:10 Pf Oct 17, 2020 Oct 13, 2020, 3:01:05 Pf Before doing so please make sure Oct 13, 2020, 3:00:00 Pf that you have sorted the "Created Oct 13, 2020, 2:58:54 Pf Oct 16, 2020 Oct 13, 2020, 2:57:49 Pf On (UTC)" in a descending order to Oct 13, 2020, 2:56:43 Pf see the latest business documents Oct 17, 2020 Oct 13, 2020, 2:55:38 Pf at the top. Oct 16, 2020 Oct 13, 2020, 2:54:32 Pt Oct 13, 2020, 2:53:27 Pf Select the "Refresh timer" from the shell Check the latest business · @ ■ ② ◎ ≡ o document before you to the refresh. 1 15 Se Select the manual "Refresh" 1 Minute Refresh 3 Minutes If you do not see a business 10 Minutes ed Delivery Date document with the latest time Oct 13, 2020, 3:05:27 Pt Oct 17, 2020 stamp please redo the refresh 2-3 Oct 13, 2020, 3:04:21 Pt Oct 17, 2020 min later. Oct 17, 2020 Oct 13, 2020, 3:03:16 Pf Oct 13, 2020, 3:02:10 Pf Oct 13, 2020, 3:01:05 Pf Oct 17, 2020 Oct 13, 2020, 3:00:00 Pf Oct 17, 2020 Oct 16, 2020 Oct 13, 2020, 2:58:54 Pf Oct 17, 2020 Oct 13, 2020, 2:57:49 Pf Oct 13, 2020, 2:56:43 Pf

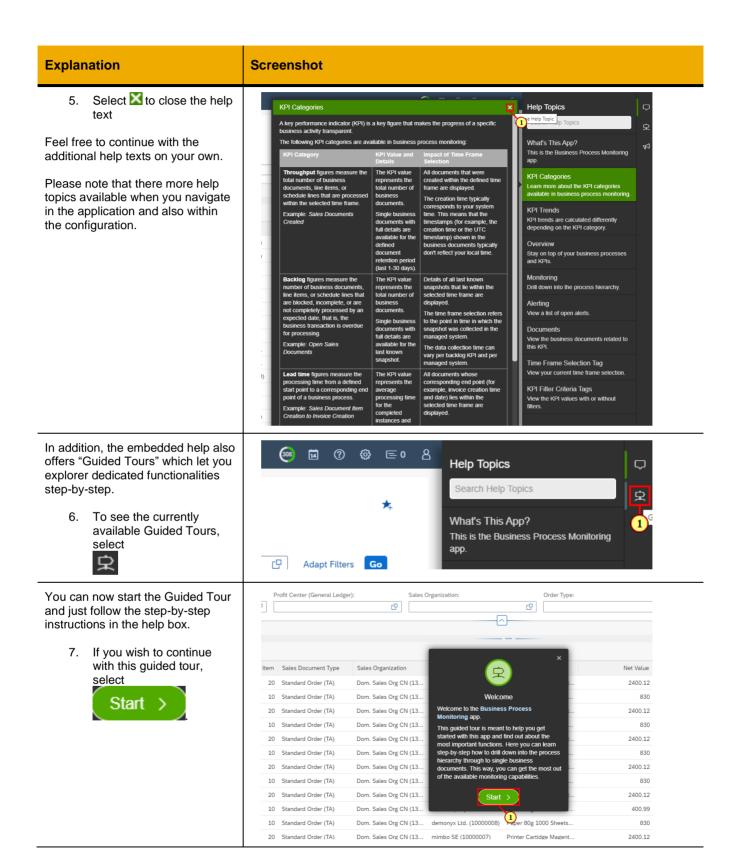
Oct 17, 2020

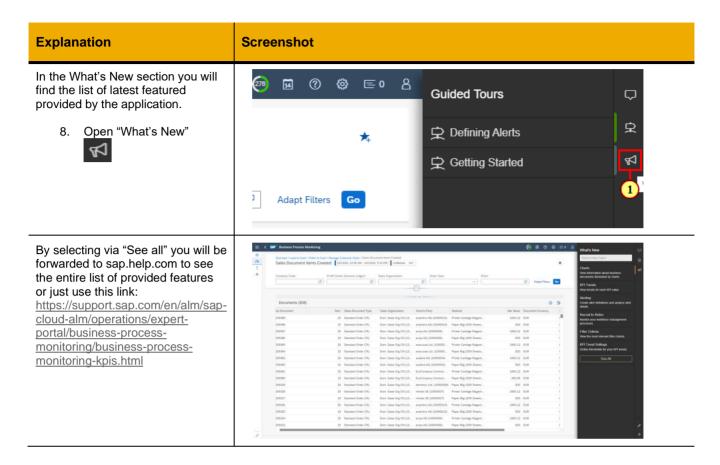
Oct 16, 2020

Oct 13, 2020, 2:55:38 Pf

Oct 13, 2020, 2:54:32 Pf

Explanation Screenshot Business Process Monitoring also 14 offers an embedded help with extensive content. In this exercise you will learn how to use the embedded help. 1. Select the icon showing Plant: the question mark in the Adapt Filters shell ? The help topics now appear on the right side of the application. In addition, you will see green bubbles on the different elements in the user interface for which a help text is available. Start with the first topic "What's This App?" 2. Select "What's This App?" The help text is now show next to the marked element in the user interface in this example explaining the purpose of this application. 3. Select to close the help text Choose the next help topic "KPI Categories" to get an overview on the available KPI categories with more explanations. 4. Select "KPI Categories"





SUMMARY

You have completed the exercise!

You are now able to:

- Monitor and Analyze Business Exception
- Configure Business Process Monitoring
- Analyze Alerts
- Explore further functions and features

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