IT-Conductor FLUX™

SAP Post-Copy Automation (PCA)

About IT-Conductor FLUX™

FLUX™ is IT-Conductor's latest innovative solution. Leveraging advanced SAP-native Post Copy Automation (PCA), FLUX™ is designed to meet the growing demands of SAP customers in an increasingly complex IT landscape. Unlike traditional solutions that require extensive OS-level access, FLUX™ operates entirely within the SAPGUI, ensuring seamless integration with your existing SAP environment and compliance with RISE deployments.

Product Overview

IT-Conductor FLUX™ is a cutting-edge SAP-native PCA tool that offers unparalleled ease of use and efficiency. It simplifies the process of replacing SAP technical data, making it ideal for scenarios where direct OS-level access is restricted. FLUX™ leverages SAP's Background Job Processing and R3Trans technology, ensuring robust performance and reliability.

Key Features

- **Automation of Technical Configuration Save and Restore:** Facilitates the automation of saving and restoring technical configurations as part of every system refresh, ensuring consistency and efficiency.
- **SAPGUI-Driven Operations:** All functionality is accessible via SAPGUI, eliminating the need for complex OS-level interactions.
- **R3Trans Integration:** Utilizes SAP's native R3Trans import/export capabilities for seamless data handling.
- **Background Job Processing:** Leverages existing SAP infrastructure to manage background jobs, enhancing efficiency.
- **Comprehensive Logging:** Provides detailed logs for all operations, ensuring transparency and ease of troubleshooting.
- **Easy Integration:** Can be easily integrated with IT-Conductor's broader suite of APM and DevOps tools for a comprehensive solution.

Benefits

Efficiency

Automates SAP export/import processes, significantly reducing manual effort and error rates.

Transparency

Offers comprehensive logging and monitoring, ensuring clear visibility into all operations.

Flexibility

Operates entirely within SAPGUI, eliminating the need for complex OS-level interactions.

Integration

Seamlessly integrates with existing SAP infrastructure and IT-Conductor's suite of tools.

Reliability

Uses SAP's native R3Trans technology for robust and reliable data handling.

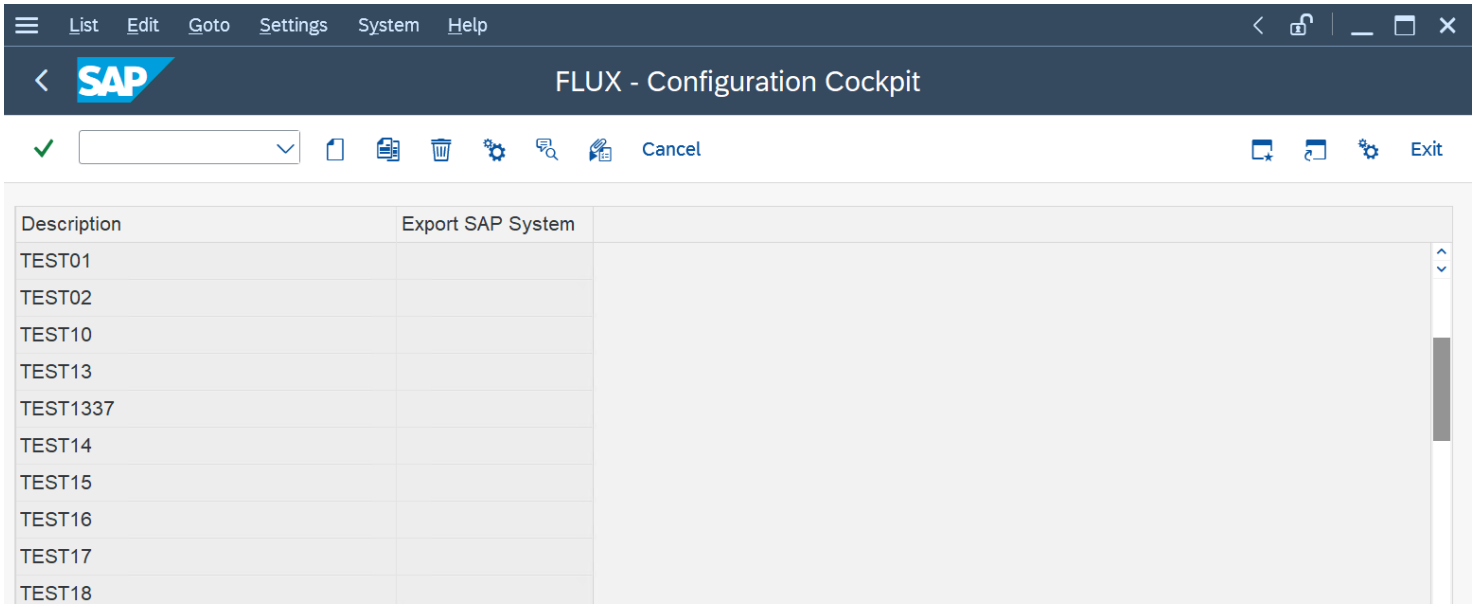
How it works?

IT-Conductor FLUX™ operates through a transport package that needs to be imported into the SAP system. This transport contains all necessary components for the FLUX™ cockpit, allowing users to manage PCA tasks directly within SAPGUI. The following steps outline the process:

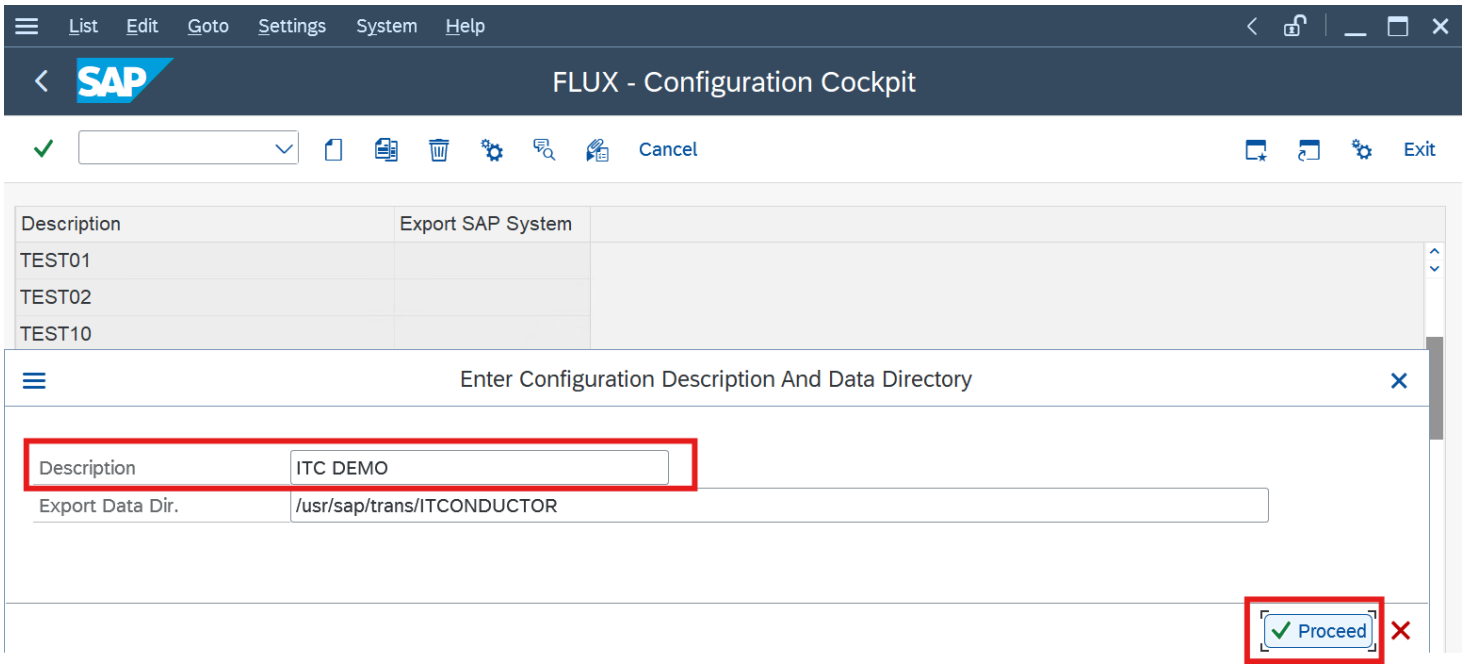
1. **Transport Import:**
   - The transport package containing FLUX™ needs to be imported into the target and source SAP system. This is done using standard SAP transport management procedures.
2. **FLUX™ Cockpit Setup:**
   - Once imported, the FLUX™ cockpit becomes accessible within SAPGUI. This cockpit is the central interface for managing all PCA tasks.
3. **Configuration:**
   - Users configure the settings within the FLUX™ cockpit, such as package file location, BDLS job variants, and export/import settings.
4. **Export Functionality:**
   - FLUX™ uses Function Modules (FMs) to generate R3TRANS exports based on specified criteria. The exported data is stored in a designated directory on the SAP system.
5. **Import Functionality:**
   - FLUX™ handles data import using R3TRANS, ensuring smooth and accurate data restoration. The import process includes the ability to execute BDLS jobs post-import for updating logical system names.
6. **Monitoring and Logging:**
   - FLUX™ provides comprehensive logging and monitoring of all operations, offering detailed insights into each step of the export/import process. This ensures transparency and ease of troubleshooting.

Demo:

Run T-Code:
/zFLUX

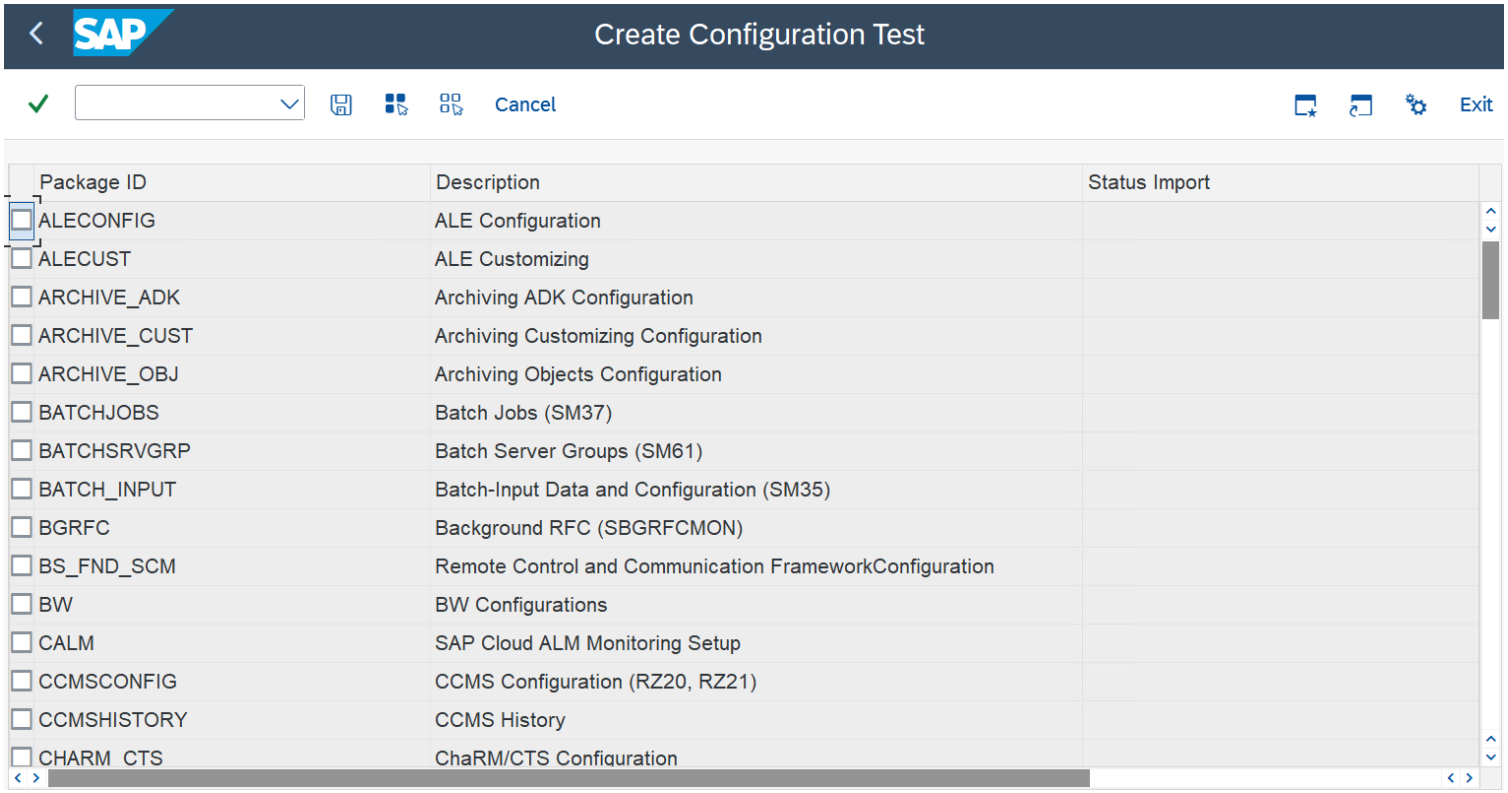


Enter Configuration Description and Data Directory



Demo:

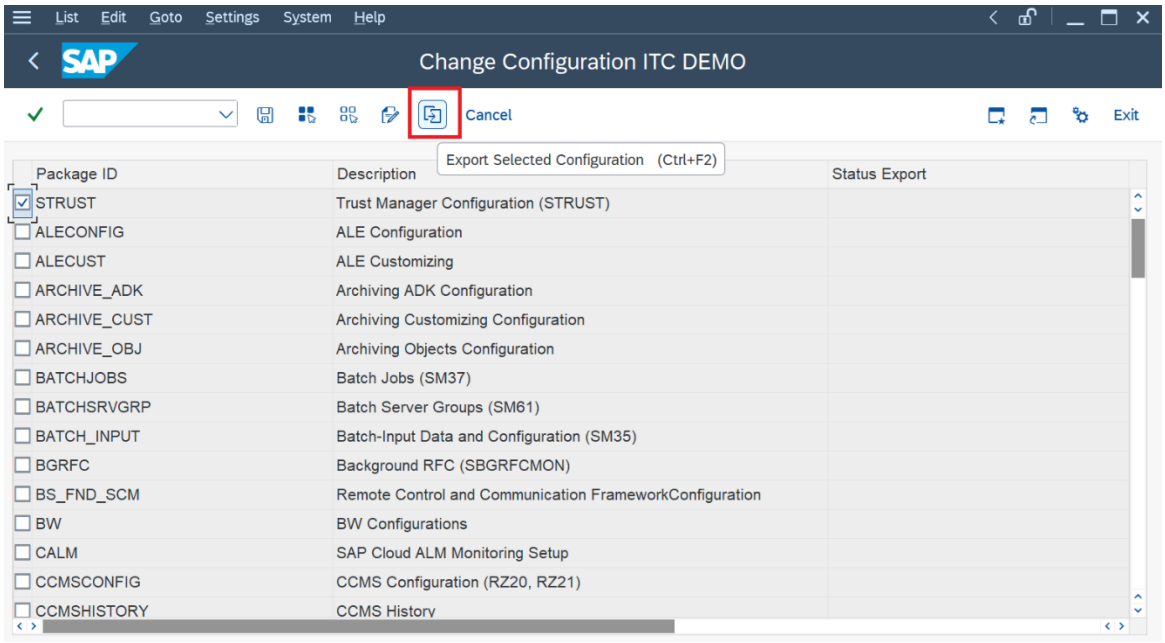
Create Configuration and select packages ID to export:

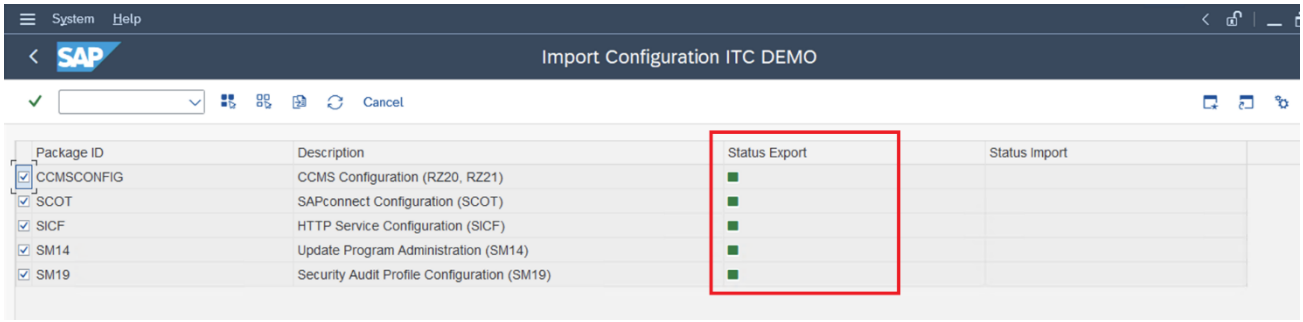


Package ID	Description	Status Import
ALECONFIG	ALE Configuration	
ALECUST	ALE Customizing	
ARCHIVE_ADK	Archiving ADK Configuration	
ARCHIVE_CUST	Archiving Customizing Configuration	
ARCHIVE_OBJ	Archiving Objects Configuration	
BATCHJOBS	Batch Jobs (SM37)	
BATCHSRVGRP	Batch Server Groups (SM61)	
BATCH_INPUT	Batch-Input Data and Configuration (SM35)	
BGRFC	Background RFC (SBGRFCMON)	
BS_FND_SCM	Remote Control and Communication FrameworkConfiguration	
BW	BW Configurations	
CALM	SAP Cloud ALM Monitoring Setup	
CCMSCONFIG	CCMS Configuration (RZ20, RZ21)	
CCMSHISTORY	CCMS History	
CHARM_CTS	ChaRM/CTS Configuration	

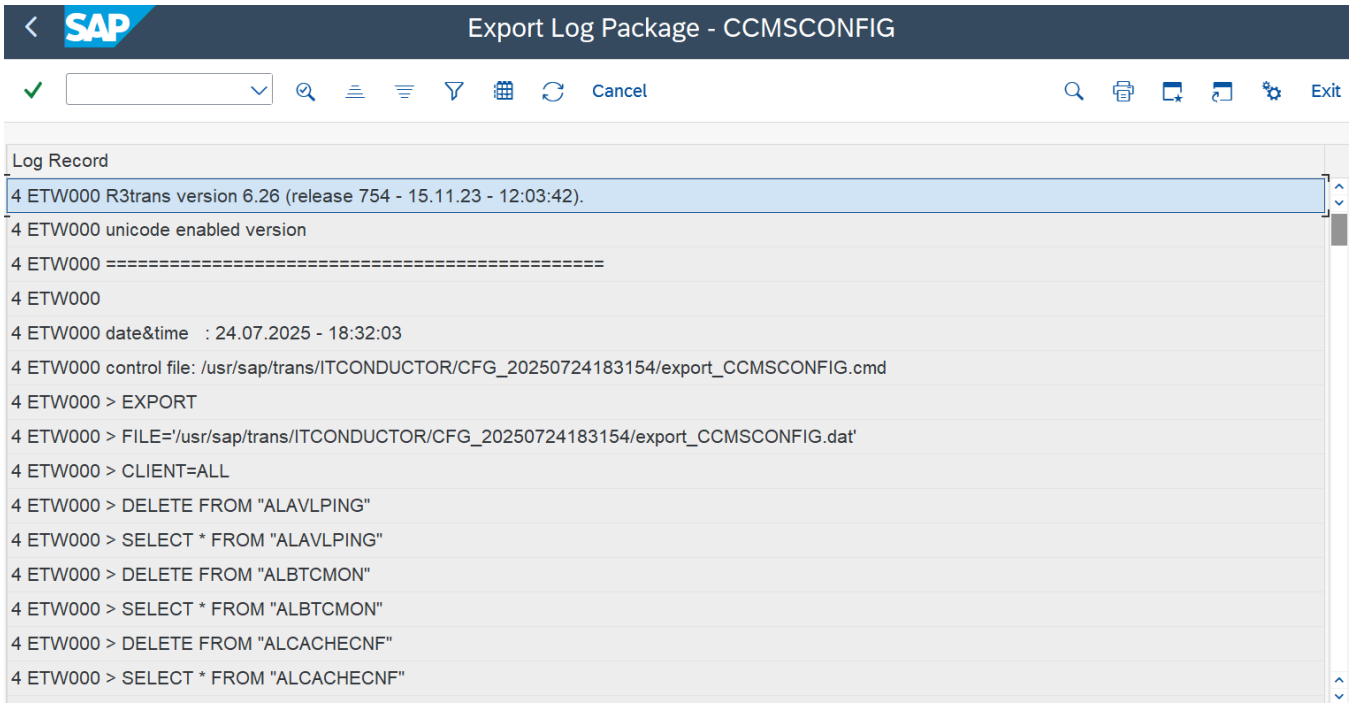
Demo:

Export Selected Configuration:





Display export log package

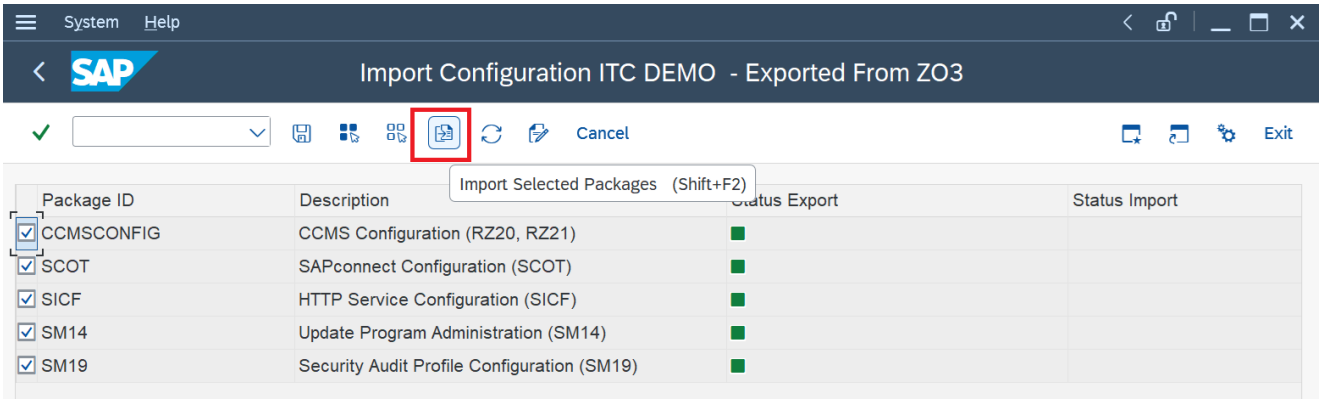


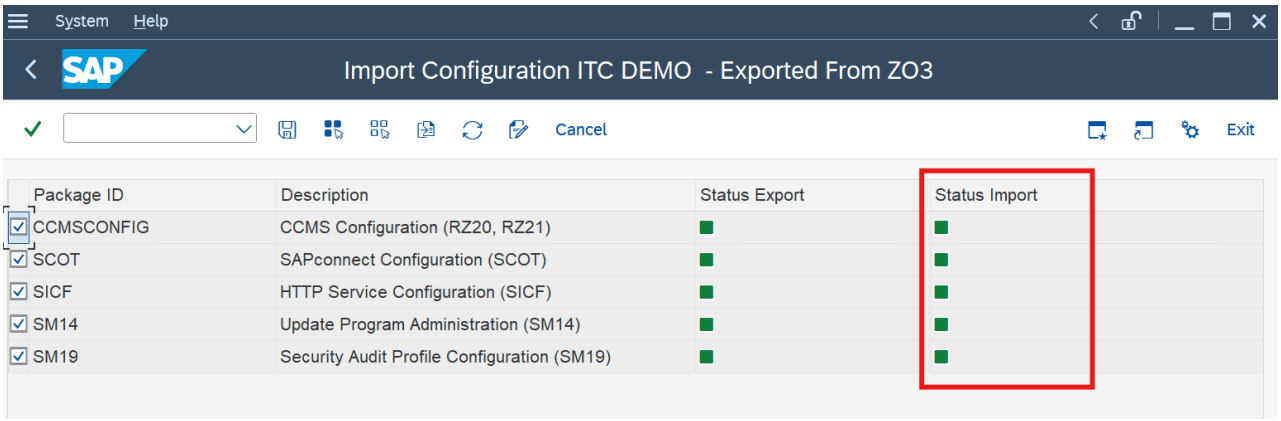
Demo:

Once the system is restored, we can start the import process.

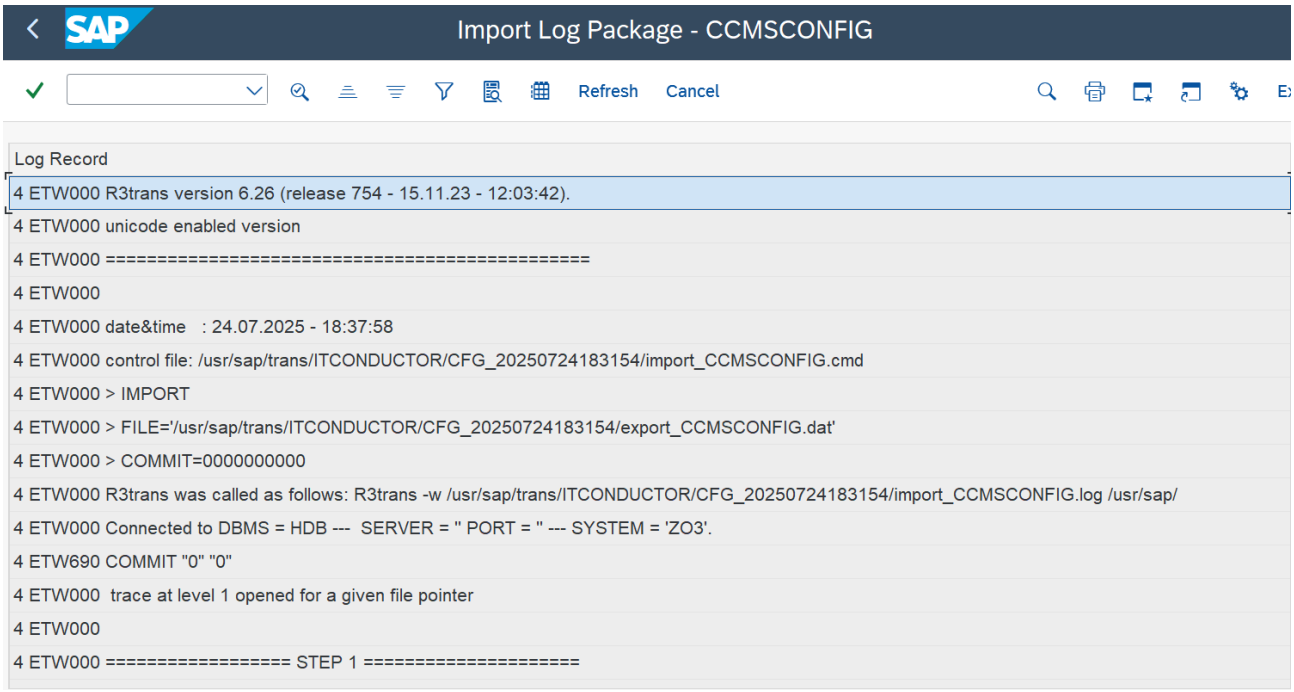
Note: FLUX™ should have been imported into Production prior to the backup process to be available in the newly restored system.

Click on “Import Selected Packages"



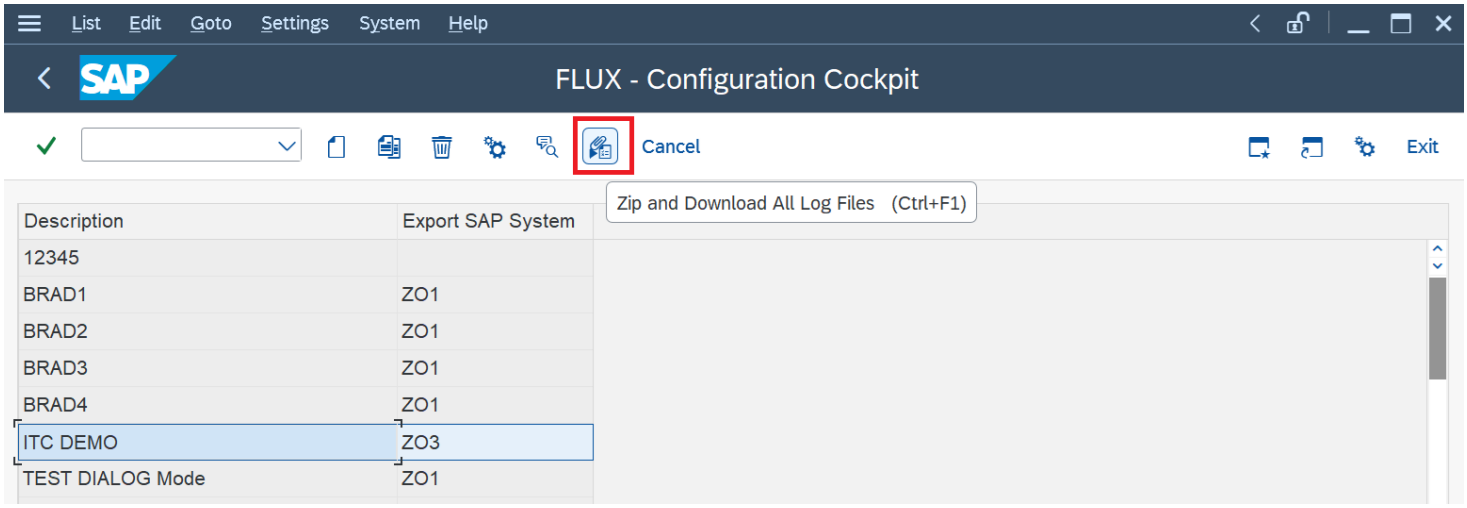


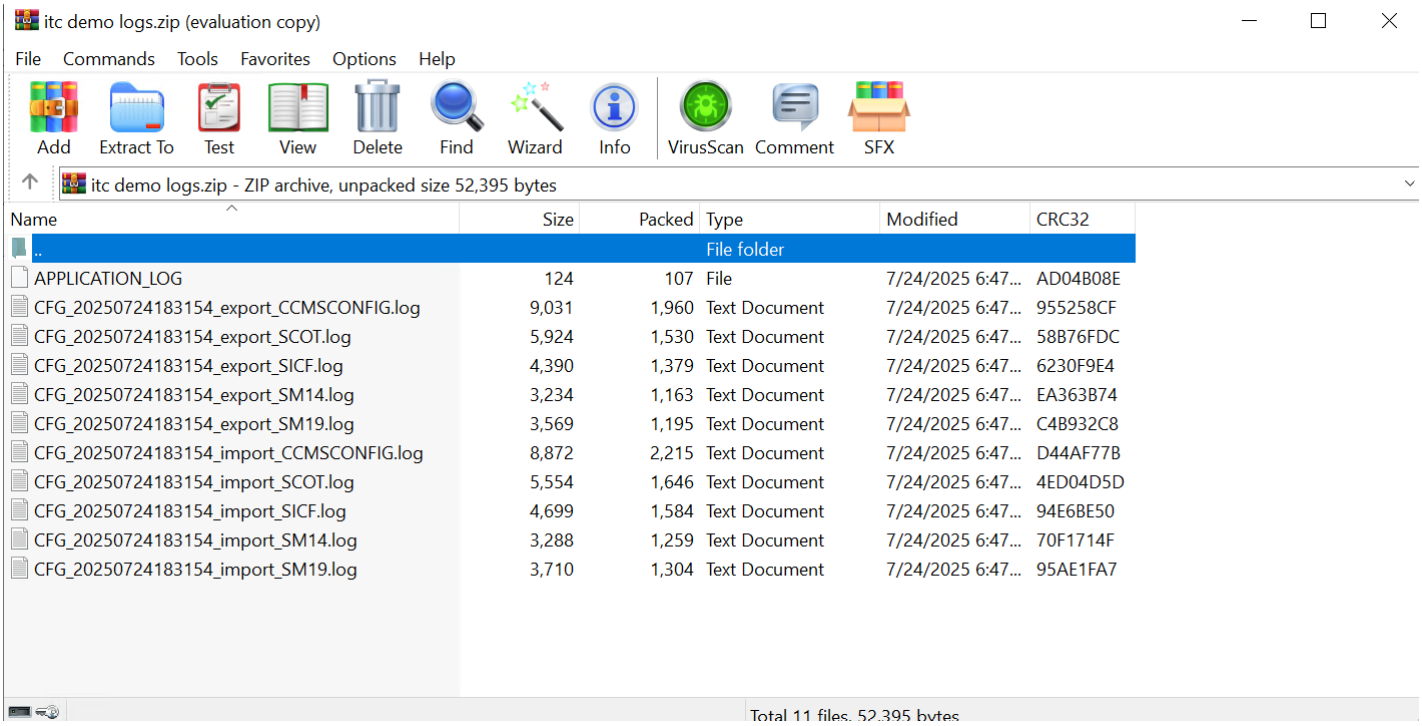
Display import log package



Demo:

Download Log Files





Added Value for RISE Customers

IT-Conductor FLUX™ is particularly beneficial for RISE customers, providing:

- **Compliance with RISE Restrictions:** Operates without the need for extensive OS-level access, aligning with RISE deployment requirements.
- **Simplified Management:** Integrates with SAPGUI, making it easier for SAP Basis teams to manage and operate within the RISE framework.
- **Enhanced Flexibility:** Supports both Linux and Windows environments, accommodating various RISE customer setups.
- **Cost-Effective:** Offers a cost-effective alternative to SAP LaMa with minimal dependencies and close to zero maintenance requirements.
- **Scalable Solution:** Designed to grow with your organization, supporting complex SAP landscapes and extensive data handling needs.

Bundled Automation Solutions

FLUX is a standalone tool, but it can be bundled with other IT-Conductor automation solutions to provide a comprehensive automation suite. This includes:

- **Automated Performance Management:** Real-time monitoring and analytics to optimize SAP performance.
- **Process Automation:** Streamlining and automating routine tasks to enhance operational efficiency.
- **DevOps Integration:** Seamlessly integrates with IT-Conductor's DevOps tools for continuous delivery and integration.
- **Change Request Management:** Automates the process of managing SAP change requests, ensuring traceability and compliance.
- **SAP User Lock/Unlock:** Automates the process of locking and unlocking SAP users, enhancing security and administrative efficiency.

By bundling FLUX™ with these advanced automation tools, IT-Conductor delivers an all-encompassing solution that enhances every aspect of your SAP operations.

IT-CONDUCTOR HEADQUARTER
20660 Stevens Creek Blvd., Suite 261
Cupertino, CA 95014
USA

Email: info@itconductor.com

Worldwide: +1 (408) 416-2565

North America Toll-free: +1 (888) 666-2899

For further information visit
http://www.itconductor.com

© 2024 IT-Conductor, Inc. and/or its affiliates. All rights reserved. IT-Conductor is a trademark of ITConductor, Inc. or its affiliates. This publication may not be reproduced or distributed in any form without ITConductor's prior written permission. If you are authorized to access this publication, your use of it is subject to the Terms of Service and Copyright and Trademarks posted on itconductor.com. The information contained in this publication has been obtained from sources believed to be reliable or from IT-Conductor's own experience and research. IT-Conductor disclaims all warranties as to the accuracy, completeness or adequacy of such information and shall have no liability for errors, omissions or inadequacies in such information. This publication consists of the opinions of IT-Conductor organization and should not be construed as statements of fact. The opinions expressed herein are subject to change without notice. Although IT-Conductor may include a discussion of related legal issues, IT-Conductor does not provide legal advice or services and its research should not be construed or used as such.