Credit Management Migration in S4HANA Conversion

I mentioned in my last shared post S4HANA Finance Post Conversion (Link) that I will share SAP Credit Management (FIN-FSCM-CR) in separate post to make explain functional overview in S4HANA.

In this document I tried to cover the Configuration, Preparatory Activities and Migration of Customizing for Credit Management and Integration confirmation with SOA (Technical web service confirmation).

Credit Management – This is a significant change in S/4HANA. Previously in ECC6.0, this was housed under the SD configuration, but in S/4HANA, this has moved to the Financial Supply Chain Management section. As a result, this would be a collaboration with your FICO colleagues to get this set up. This change is not optional you need to become familiar with the new credit management functionality in S/4HANA as a prerequisite to running credit management in SAP. The reason why it has changed is pretty much the same as the other "simplifications" around S/4HANA greater flexibility, automation of processes & elimination of redundant data. For the minimum configuration of SAP Credit Management in S/4HANA, perform the "required" actions in the Task List PDF attached to the SAP Note 2270544.

For a conversion to S/4HANA, complete the prerequisites for the migration to SAP Credit Management:

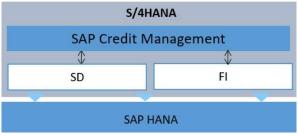
- o Complete all documents related to payment guarantee Letter of Credit.
- o Complete the migration for Accounting.
- Eliminate the usage of SAP objects in your own code. For details on how to adapt userdefined customer code that relies on the changed objects, see the SAP Notes <u>2227014</u> (Financials) and <u>2217124</u> (SD)
- o Task List for the Conversion of Credit Management to SAP S/4HANA

Difference between "FI-AR Credit Management" and SAP Credit Management is detailed

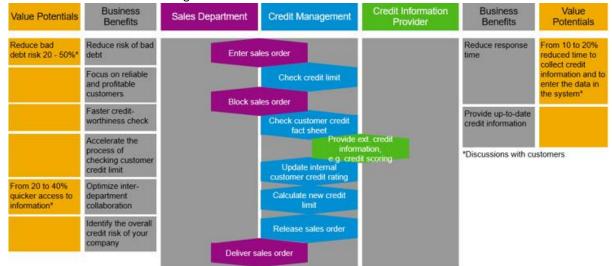
AR Account AR y for simple system-landscape (1xFI, D); SAP system only available	SAP Business Partner FI-AR, FI-CA, others Distributed system-landscape (multiple FI, SD and CRM systems); SAP and non-SAP Credit Rules Engine
y for simple system-landscape (1xFI, sD); SAP system only	Distributed system-landscape (multiple FI, SD and CRM systems); SAP and non-SAP
D); SAP system only available	SD and CRM systems); SAP and non- SAP
	Credit Rules Engine
- A STATE OF THE S	
rnal Credit Information Only through partner products D&B)	
y in SD	Any credit event, documented credit decisions, credit limit requests
stomer fact sheet	Fiori Smart Business / HANA Live; OLAP/OLTP (incl. BW Content)
	y in SD stomer fact sheet

"Single-system credit checks against a limit you determine" "Cross-system credit checks against calculated ratings and limits"

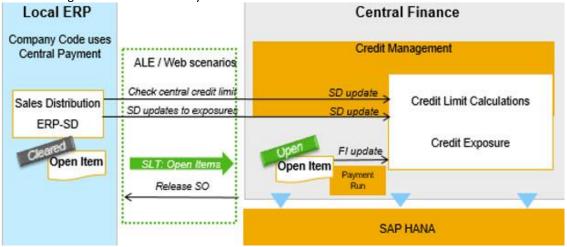
SAP Credit Management takes information in real time from the SD and FI modules. Allowing a credit analysis on the flight and gives us the certainty of an accurate analysis of the clients.



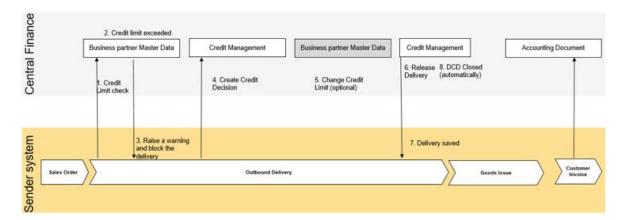
New credit limit the credit manager can release the sales order now.



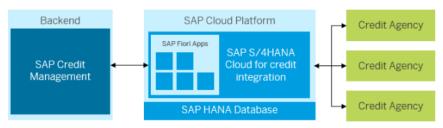
Credit Management with Central Payments:



For this scenario it is necessary to implement SLT and through IDoc / ALE, etc. You can send the SD module information from the source system to the target system.



SAP Cloud for Credit Integration



Note: Detail provided above is for understanding the credit management and maybe some of screen not covered with all detailed step by step it's a reference document which I prepared what is the difference, functional flow and post migration in S4HANA.

Document covers:

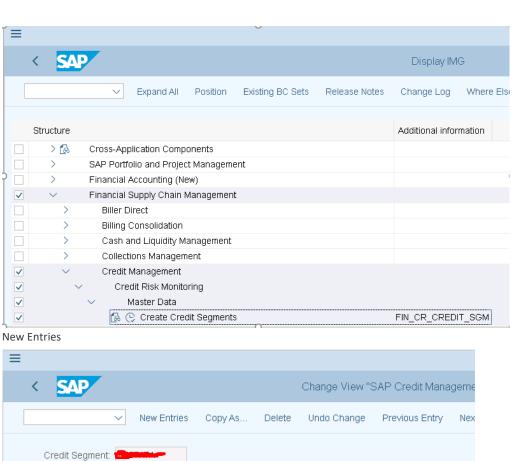
- New Configuration
- Preparatory Activities and Migration of Customizing for Credit Management
- Credit Management Migration
- Credit Management confirmation access to be used in SOA Runtime
- Solution Overview
- References

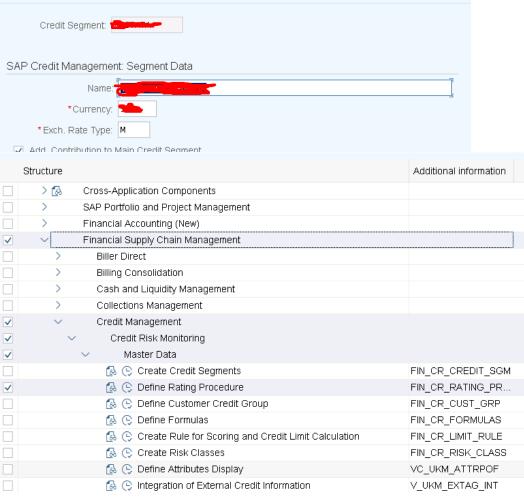
New Configuration:

S/4 HANA Credit Management Configuration Process

The Standard BP role for Credit Management is **UKM000 – SAP CREDIT MANAGEMENT**.

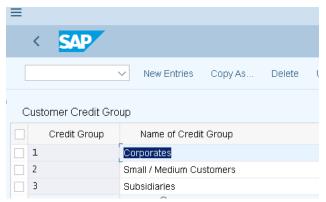
Configuration Steps for Credit Management in S/4 HANA.





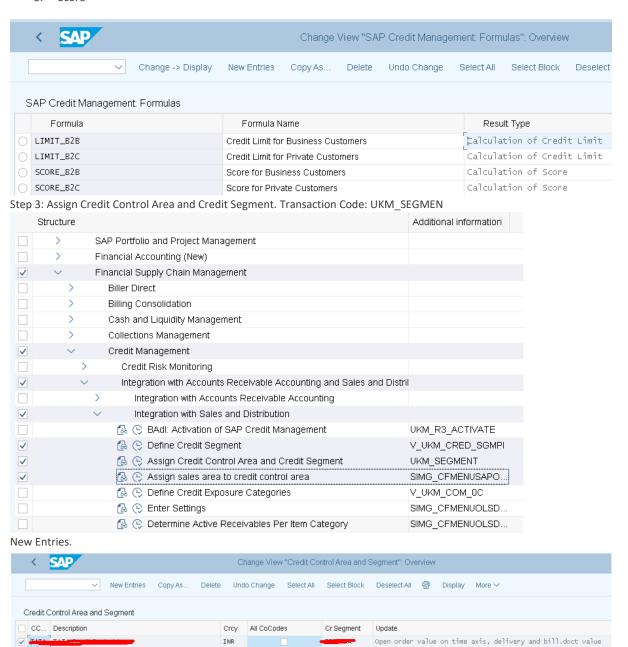
New Entries, External Credit Information, you need to create Rating Procedure integration has to established. Change View "Results of Ratings": Overview **New Entries** Copy As... Delete Undo Change Select All Select Block Deselect All Dialog Structure Rating Procedure: OCREDS ∨
☐ Rating Procedure 📆 Results of Ratings Results of Ratings Rating Rank Name (Language-Independe... Name (Language-Specific) 1 Α Very Low Very Low Default Risk 2 Low Default Risk В Low C 3 Medium Default Risk Moderate 4 High High Default Risk ___ E 5 Not Rated Not Evaluated This rating procedure, you need to assign with credit limit calculation Change View "Rule for Scoring and Credit Limit Calculation": Overview New Entries Copy As.. Delete Undo Change Select All Select Block Deselect All 🖶 Display Dialog Structure Rule for Scoring and Credit Limit Calculation ✓ ☐ Rule for Scoring and Credit Limit () Rules Name Default □ Score B2B-EXIST Rule for Existing Customers - Business Area Credit Limit B2B-NEW 🗅 Rating Procedure Selection Rule for New Business Customers B2C-EXIST Rule for Existing Customers - Private B2C-NEW Rule for New Private Customers MIG Rule for Migration STANDARD Standard rule with no automatic calculation Select the created rule and click on score, credit limit and rating procedure. SAP Change View "Score": Overview V Change -> Display Copy As... Delete Undo Change Select All Select Block Deselect All BC Set: Field Value Origin Display Formula More ∨ Score ∨ □ Rule for Scoring and Credit Limit (Rule Name of Rule Score Formula Formula Name Validity (... Score B2B-NEW Rule for New Business Customers 80 SCORE_B2B Score for Business Customers Credit Limit Pating Procedure Selection Change View "Credit Limit": Overview Change -> Display New Entries Copy As.. Delete Undo Change Select All Select Block Deselect All BC Set: Field Value Origin More ✓ Dialog Structure Rule for New Business Customers Rule: B2B-NEW ∨
☐ Rule for Scoring and Credit Limit () □ Score 🔁 Credit Limit Credit Limit 🗀 Rating Procedure Selection Credit Se... Credit Limit Form... Formula Name Т., Maximum Credit Limit Increase LIMIT_B2B Q edit Limit for Business Cust 180 01 Credit Limit for Business Cust 180 LIMIT_B2B **V** 02 LIMIT B2B Credit Limit for Business Cust 180 03 LIMIT_B2B Credit Limit for Business Cust 180 SAP Change View "Rating Procedure Selection": Overview V New Entries Copy As... Delete Undo Change Select All Select Block Deselect All 骨 Display More V Dialog Structure Rules: B2B-NEW Rule for Scoring and Credit Limit (□ Score Rating Procedure Selection Credit Limit Rating Procedure Selection IDT Description (Non Lang.-Dep.) Desc. of Rating Procedure Validity ✓ 0CREDS creditsafe Creditsafe - Score Report 180 EXT1 180 EXT2

Step 2: Define Customer Credit Group



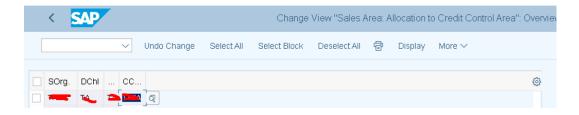
Note: In SAP S/4 HANA, the Credit Management Calculation has enhanced with formula editor function button. Following are the calculation formula criteria:

- 1. Currency
- 2. Credit Segment
- 3. Score



Once assignment done with credit control area and credit segment, then save it.

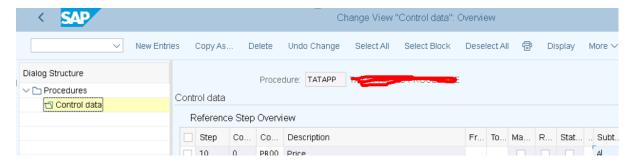
Step 3: Assign Sales Area to Credit Control Area. This is the normal steps which we are doing in SAP ECC system.



Step 4: Enter Settings



Condition Partner: Update the subtotal with value "A" for Credit Release check for NET VALUE condition type.



Step 5: Determine Active Receivable Per Item Category. Transaction Code: OVA7 Activate as per your required Item Category.



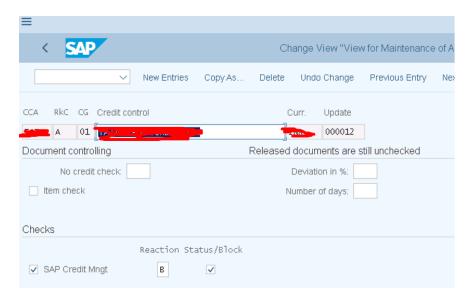
Step 6: Define Credit Group. Transaction Code: OVA6



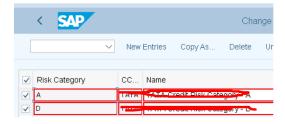
You can create your own credit group as per requirement. Step 7: Assign Sales Document and Delivery Document.



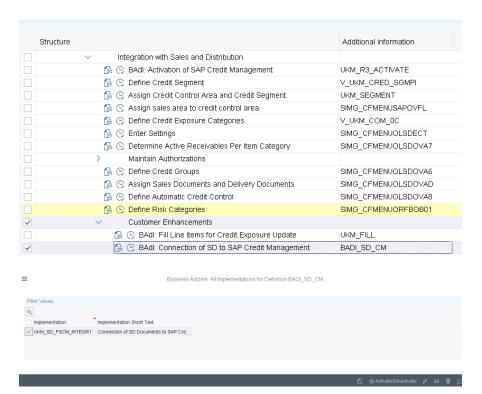
If you want to activate the Credit Management at Delivery Level, you can update the same as well. Step 8: Define Automatic Credit Control. Transaction Code: OVA8



Step 9: Define Risk Category and Assignment.

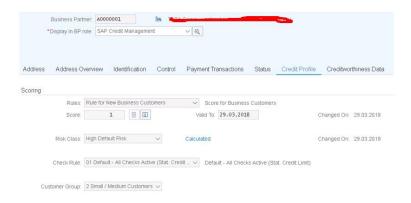


Note: As we need to activate the BADI for the following Credit Management in S/4 HANA.

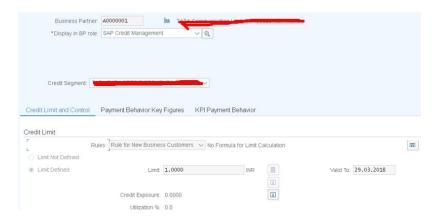


Select the BADI and click on ACTIVATE button.

This complete the configuration procedure for the SAP S/4 HANA for FSCM Credit Management. Customer Master Setup:



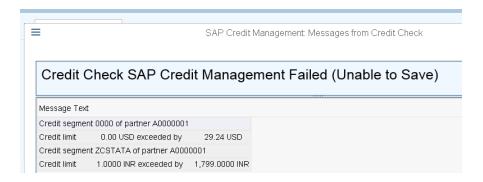
Enter the Rules, Risk Class, Check Rule and Customer Group under Credit Profile tab, which you will get under UKM000 BP role. After that, go to Credit Data Segment and fill up the value as shown in below snap shot,



Update the value for Limit Defined, i.e. Credit Limit.Save it.

This complete the Master Data Setup for FSCM Credit Management in SAP S/4 HANA.

O2C Process and FSCM Effects:After Credit Limit Exceed,

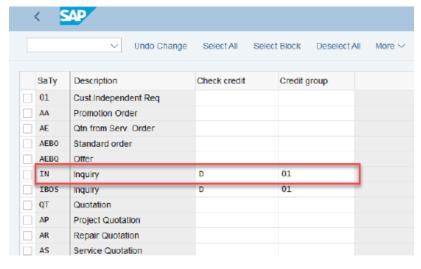


As the Risk Category kept as Error, so it will not allowed saving the sales order. This completes the FSCM Credit Management in SAP S/4 HANA.

Preparatory Activities and Migration of Customizing for Credit Management

1. Preparation (transaction code OVAK) -

Run Transaction OVAK and change existing credit check values to "D" (to use the new Credit Management) Change Inquiry entry to "D", "01":



SAVE DATA (note: if prompted for a transport, please reuse the customizing transport.

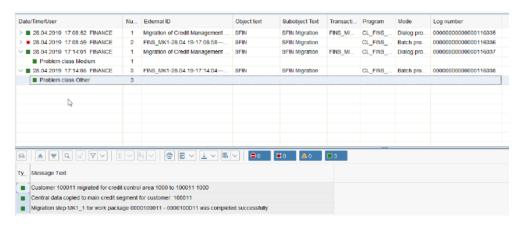
2. Define Setting for Credit Management Migration

SAP I ✓ Attributes More ✓ Target Values with Main Credit Segmt: 🗸 BP Role: UKM000 Rules: MIG Credit Check Rule: 01 Text object: UKM_01 * Commitment Types of FI/AR: 200 C * Commitment Types of SD: 100 己 Variant Name: NIGRATION Only for Background Proces Created Selection Screen Protect Vegant ✓ 1000 Only Display in Catalog System Variant (Automatic T ≟ □ Q ∰ tecrnical name Selection Screen Field name Ty. Protect field Hide field Hide field "T., Save field without values Switch GPA off Required fie., Selection variable Opti., Name of Variable (Input Only Using F4) 1.000 BP Role 1 000 Rules 1 000 Credit Check Rule

Define target values for Credit Management. Execute activity and confirm the following settings and save variant

Save, then Execute, and check for successful execution using t-code SLG1

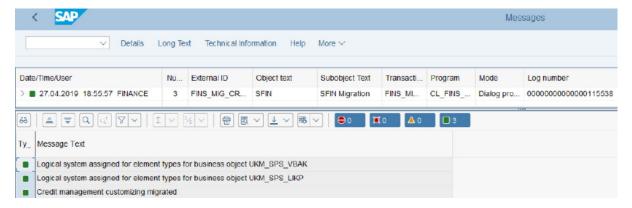
1 000 Commitment Types of SD S



3. Migrate Credit Management Customizing: you migrate to the new configuration of credit management. When you execute this activity, the system also checks whether a migration of Credit Management settings is necessary.

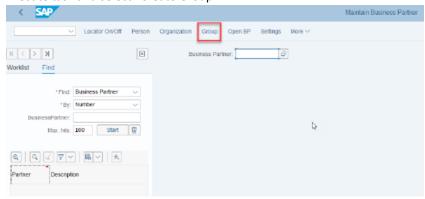


Execute migration. You may be prompted for a customizing transport for **several** technical segments, please reuse the customizing transport created in 1 step.

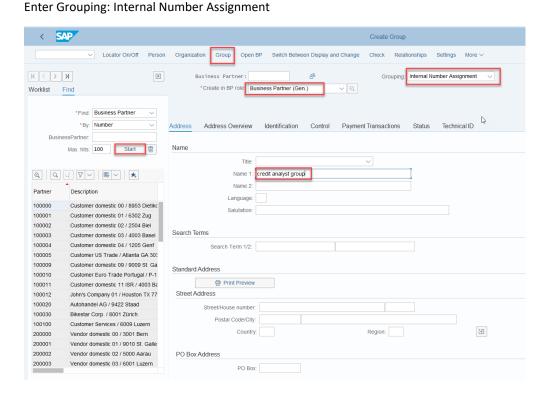


4. Define Credit Analyst Group as Business Partner Group

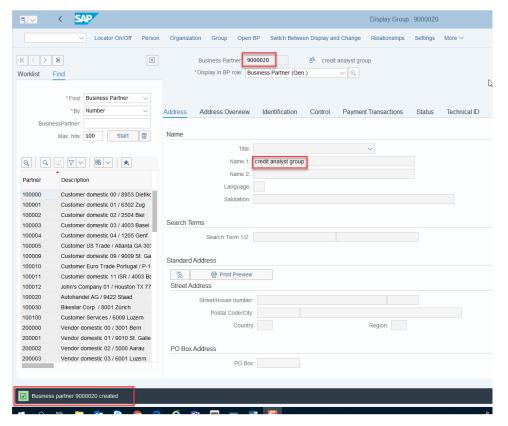
Execute task and select "Create Group



Click on START to inspect a list of existing business partners. Enter the name of the new BP Group "credit analyst group". Create BP Role as: "Business Partner (Gen.)"



Save, resulting in the creation of a new BP Group ID:



5. Assign Credit Representative Group to Credit Analyst Group



Assign the business partner you created in the previous step (actual value may be different from screenshot above).

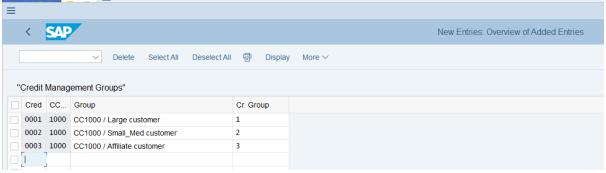
6. Define Customer Credit Group



7. Assign Credit Management Group to Customer Credit Group

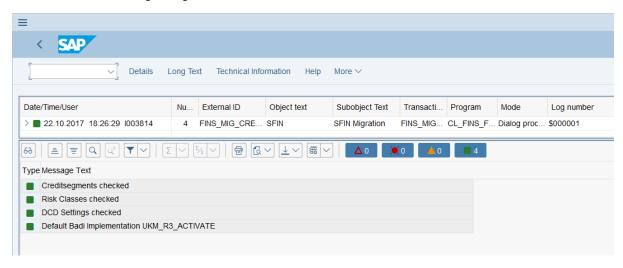


Enter the following: 0001 1000 CC1000 / Large Customer 0001 0002 1000 CC1000 / Small Medium Customer 0002 0003 1000 CC1000 / Affiliate Customer 0003

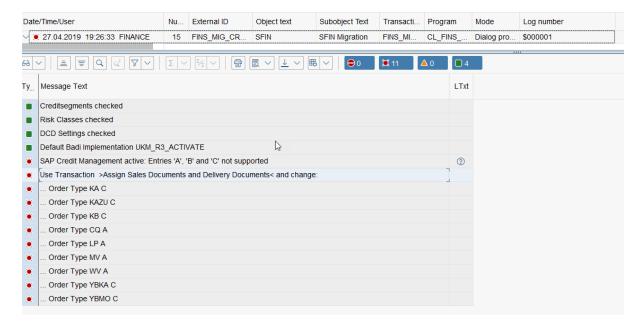


SAVE, you may be prompted for a customizing transport, please reuse the customizing transport created in Section 3.1 for all requests.

8. Check Customizing Settings

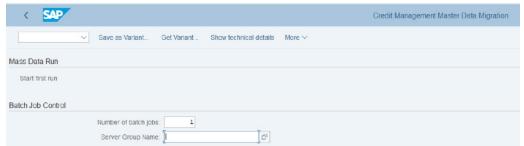


If you see the following errors, please re-run 1. (transaction OVAK) and make sure all Credit Check values are set to "D" (automated) and SAVED.

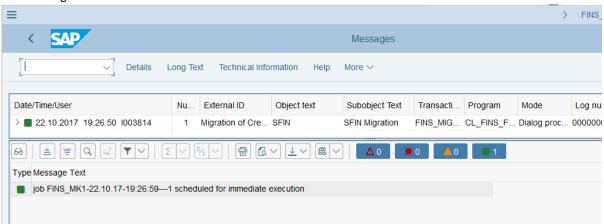


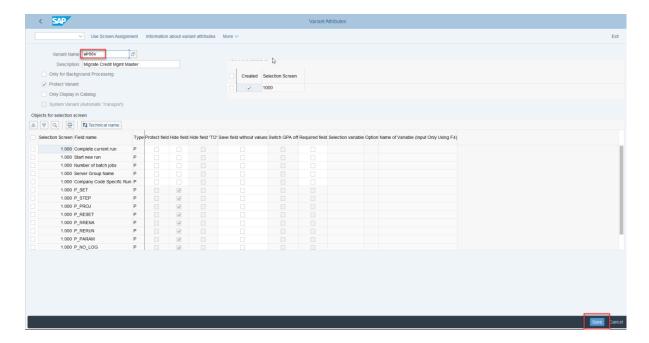
Credit Management Migration

1. Migrate Credit Management Master Data

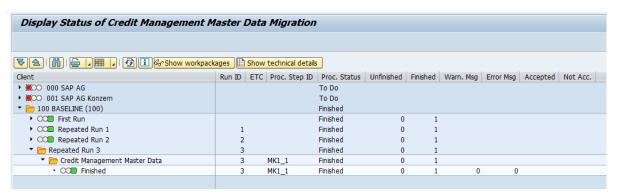


Execute migration:

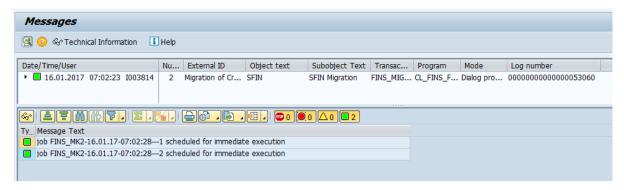




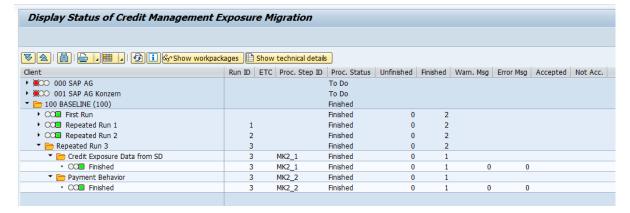
2. Display Status of Migration of Credit Management Master Data



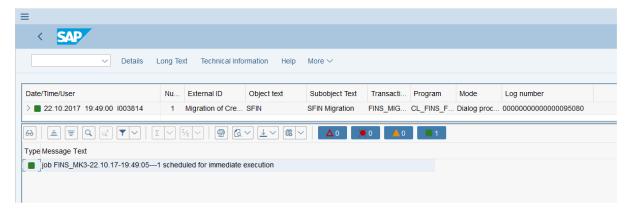
3. Migrate Credit Management Exposure



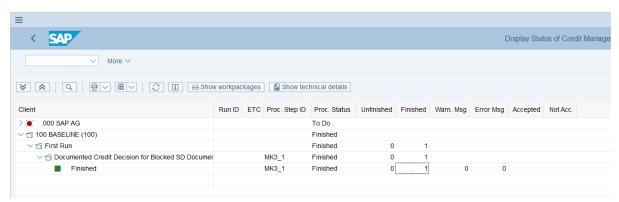
4. Display Status of Credit Management Exposure Migration



5. Initialize Documented Credit Decisions



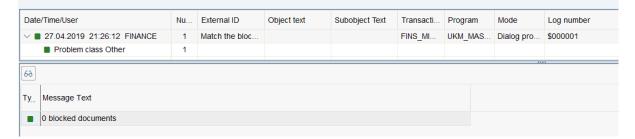
6. Display Status of Initialization of Documented Credit Decisions



7. Reconcile Documented Credit Decisions

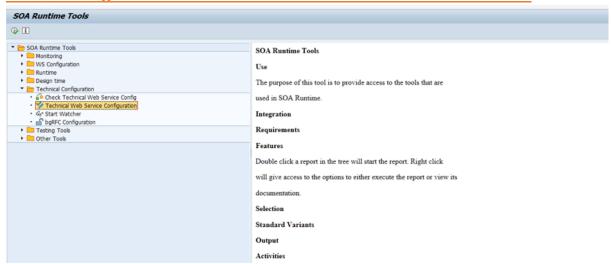


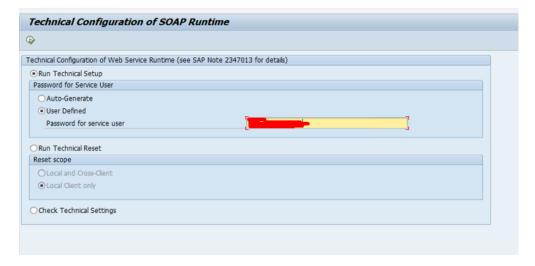
Expected results:



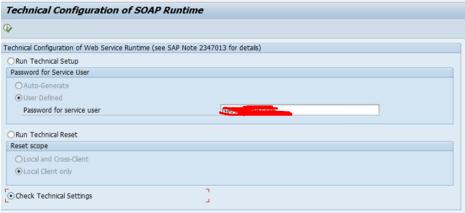
Complete migration

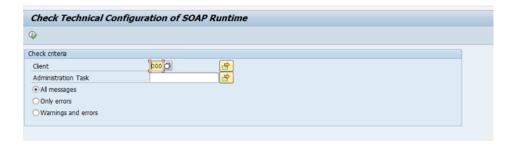
Credit Management confirmation access to be used in SOA Runtime

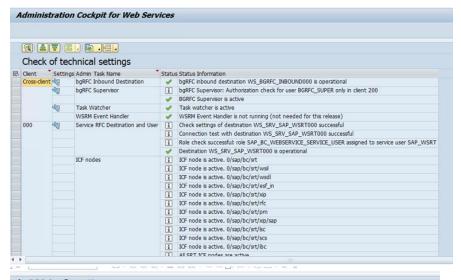


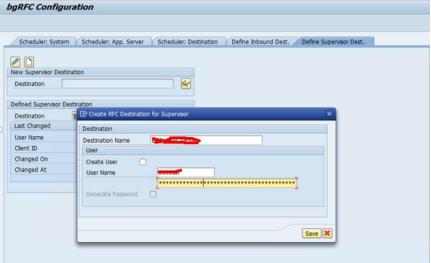


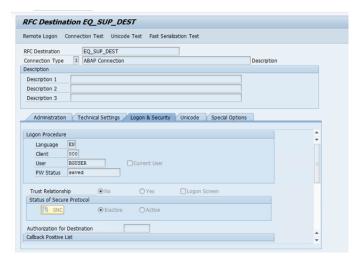




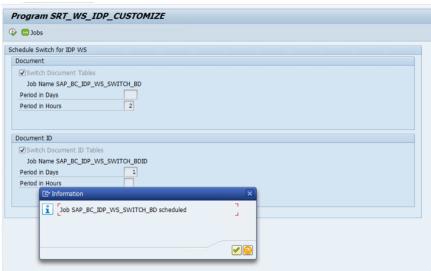


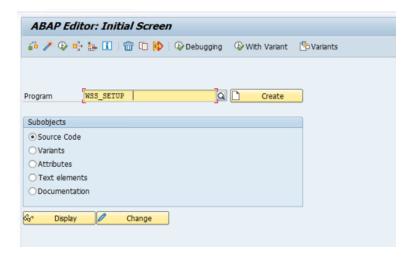


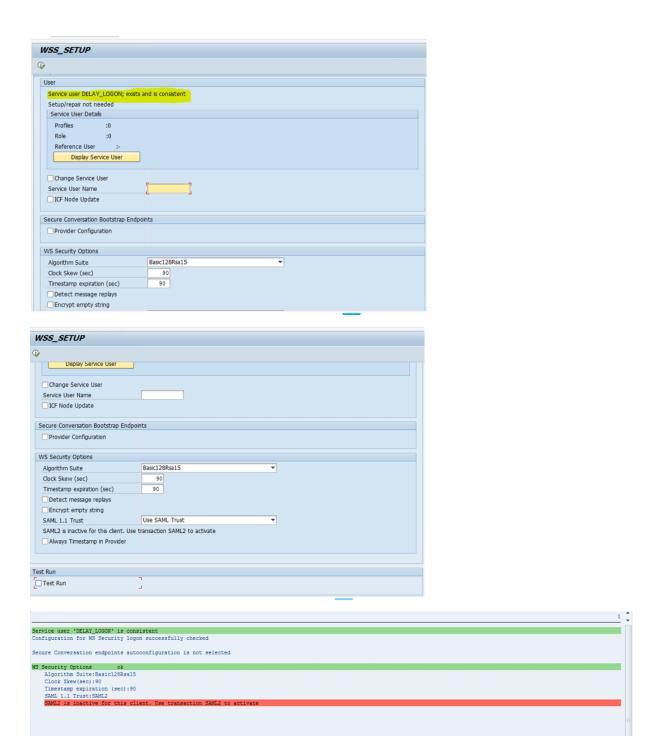














Reference:

SAP Credit Management Configuration Guide

SAP Credit Management Flow

SAP Credit Management in S/4HANA (2020 release)

SAP Credit management: Functional overview

SAP Credit Management in S/4HANA

S/4 HANA SAP credit management (FIN-FSCM-CR)-Integration with SD

Comparison for SAP S/4HANA Basic Credit Management and Advanced Credit Management

Conversion of Credit Management to SAP S/4HANA

What, Why and Where of credit management, High Level Comparison

List of S4HANA Credit Management Reports, Tables & Some issues

SAPNotes:

2333346 - SAP S/4HANA Cloud for Credit Integration - integration into SAP Credit Management

2312541 - Postprocessing for customers who experienced errors during the Credit Management migration to S/4 HANA

2217124 - S/4 HANA: Credit Management Changes in SD

2227014 - S/4 HANA: Credit Management Changes in FI

2561725 - Simplified functions in SAP Credit Management in SAP S/4HANA

2760814 - Deactivate / Activate SAP Credit Management

2596174 - SAP ERP SD Credit Management - Guided Answer

2469457 - Bypass credit check in custom routine in SAP Credit Management(FSCM)

2939371 - Dynamic Limit Check with Credit Horizon in SAP Credit Management (FSCM)



Solution Overview SAP S/4HANA Credit Management

Todays Economy requires Predictable Risk Assumptions

How to provide an accurate customer scoring to reduce risk of payment default

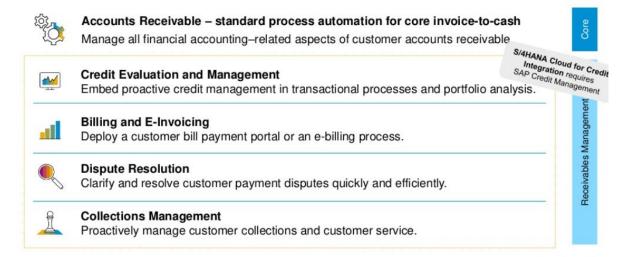


A comprehensive Portfolio for the CFO

Covering All Business Areas Across All Roles



SAP Receivables Management: automation solutions for core A/R

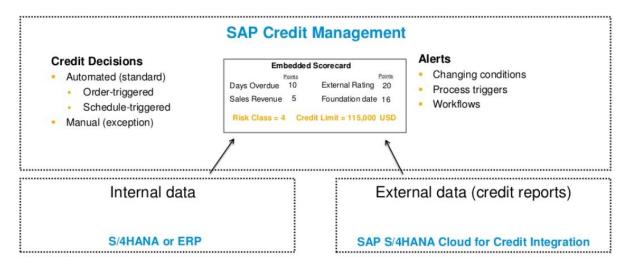


SAP S/4HANA Cloud for credit integration helps you ...

...using external credit risk information to make better credit decisions and to automate customer credit risk monitoring

SAP Credit Management - Integrated Rating Agencies

Simplified risk monitoring with credit reports from your preferred rating agencies

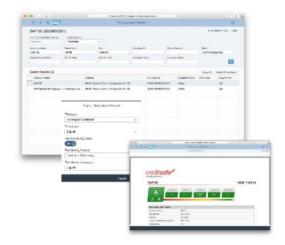


Standardized Deployment, with Flexibility and Scalability

Rapidly connect to the world's leading credit bureaus

Supported use cases

- Search & lookup
 Determine the business partner's unique identifier
- Import credit report
 Store PDF in the Cloud and push key data fields into Credit Management
- Manage monitoring
 Register or stop monitoring updates for specific business partners
- Process monitoring updates
 Review updated data sent by the agency and update credit analysis if necessary
- Trigger investigation/research*
 Request deeper investigation for a business partner not included in existing database



What S/4HANA Cloud for credit integration can do for your Business

Clip slide

1	Lowered TCO No setup costs to integrate external credit agencies and no maintenance costs to keep the interfaces "running"	6	Automation of credit risk Automatic calculation of credit scores, risk classes, credit limits based on internal and external data
2	Easy to use State-of-the-art user interface (Fiori) directly accessible out of your core credit management system	7	Acceleration Accelerate credit processing by reflecting external rating updates in your scorecard and respond immediately to changing credit conditions
3	Acceleration Use SAAS to accelerate your projects and easily adapt to new innovations	8	Process Automation Reduce manual errors and increase straight-through— processing rates and user productivity, incl. automatic processing of monitoring updates
4	Scalability No implementation effort when adding another credit agency	9	Effective customer segmentation Focus your credit team's attention on key customer segments
5	Natively integrated More powerful, enriched credit management processes, faster implementation	10	Extensibility Broader choice of external credit agencies, choose the best agency for a specific country and region

Note: I am not the master of all, learning everyday more process for understanding in terms of SAP Products and services, how ERP software is supporting the different Line of Business, as always I say "NEVER STOP LEARNING AND NEVER STOP EXPLORING.

Below Reference: to my previous post: For S/4HANA Conversion End to End

#S4HANA #BusinesscaseDevelopment Preparation: https://lnkd.in/gy-hUiW #SAPS4HANA #Conversion -How to be Prepared: https://lnkd.in/eHN8zDT #S4HANA #Conversion step by step procedure: https://lnkd.in/gHPrxRi. #SAP #S4HANA #Conversion Lesson Learned: https://lnkd.in/ewYrm7R #SAP #S4HANA #Finance Preparation: https://lnkd.in/eqB_csM #SAP #S4HANA #Logistics Preparation: https://lnkd.in/e44585F #SAP#S4HANA#Finance Post Conversion https://lnkd.in/eJcguMk

Thanks You

Jasbir Khanuja, NEVER STOP LEARNING, NEVER STOP EXPLORING