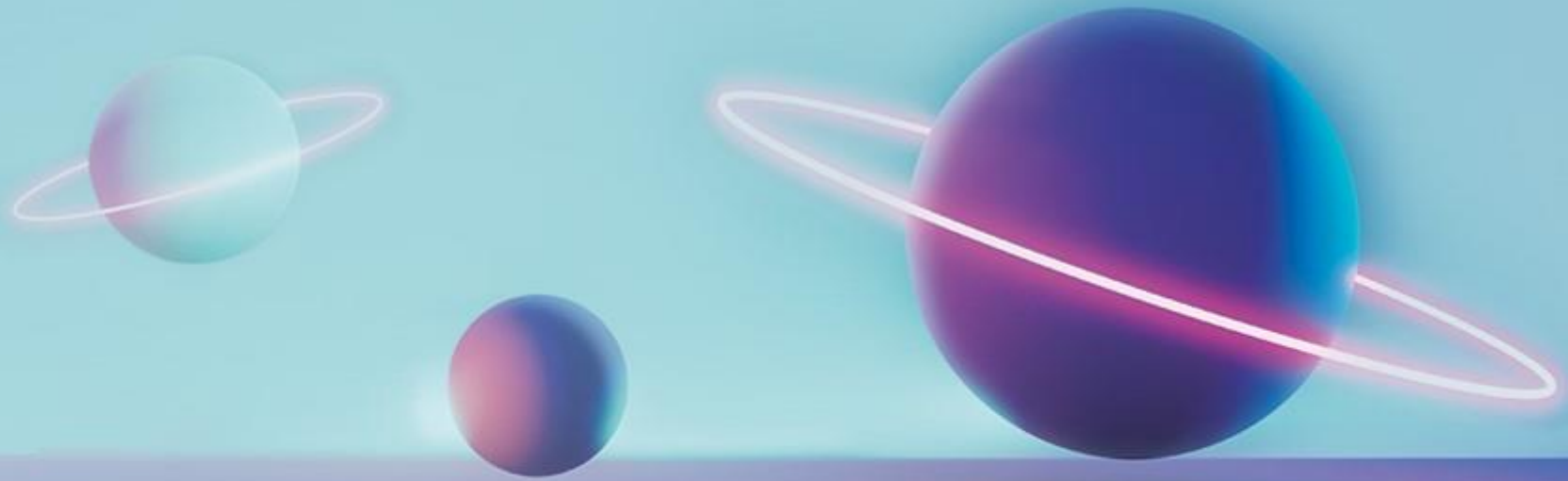




USU



Herzlich willkommen!

SAP® Anwendertreffen | Übersee Museum Bremen

Unsere heutige Agenda

Uhrzeit	Titel	Speaker:in
14:00 Uhr	Willkommen im SAP Multiverse	
14:15 Uhr	Quo Vadis USU/SAP?	Myrja Schumacher Senior Product Manager SAP, USU
15:00 Uhr	Rechtlich gut gerüstet in die S/4HANA Conversion	Dr. Jana Jentzsch Rechtsanwältin, JIT Legal
15:45 Uhr	Kaffeepause & Networking	
16:15 Uhr	Rise / Grow with SAP®	Lorenz Müller Principal IT-Management Consulting & SAP Expert, HiSolutions
17:00 Uhr	Wolzig ohne Aussicht auf Fleischbällchen	Michael Bloch SAP Licence Manager, ALDI International Services GmbH & Co. oHG
17:45 Uhr	Abschlussdiskussion	
Ab 18:15 Uhr	Get-Together & Abendessen im Restaurant Übersee (direkt gegenüber)	



USU

Quo Vadis USU/SAP?

Myrja Schumacher | USU

The background is an abstract composition of various blue and white elements. In the foreground, there are several large, translucent blue spheres of different sizes, some of which are covered in small water droplets. These spheres are arranged in a way that suggests depth and movement. The background is filled with a soft, out-of-focus bokeh of similar blue and white shapes, creating a dreamlike, ethereal atmosphere. The overall color palette is dominated by shades of blue and white, with a hint of light gray.

Das SAP Multiversum



IT-Infrastruktur > SAP Mandanten

Tagging

USU Optimization for SAP® Software | 10.1.3.0-SNAPSHOT | Full Lizenz



ID



Name



Beschreibung



4

test björn

test björn

9

tag test hotte

tag test hotte desc

11

SAP Cloud

SAP Cloud

13

S4HANA OnPrem

S4HANA OnPrem

14

S4HANA Cloud

S4HANA Cloud

7

nwa

18

NEW AUTH BASED LICENSING

NEW AUTH BASED LICENSING

12

Measurement Relevant Systeme...

Measurement Relevant Systems

1

ddd111

eee

17

Auth Only

AUTH Test Only



1

of 1



<< Zurück zur Hauptnavigation

< IT-Infrastruktur

SAP Mandanten

SAP Mandanten Konfiguration

SAP Mandantenberechtigungen

Tagging



Berechtigungs-basierte Lizenzierung

Lizenz Migration nach S/4HANA

Direct use

Professional use

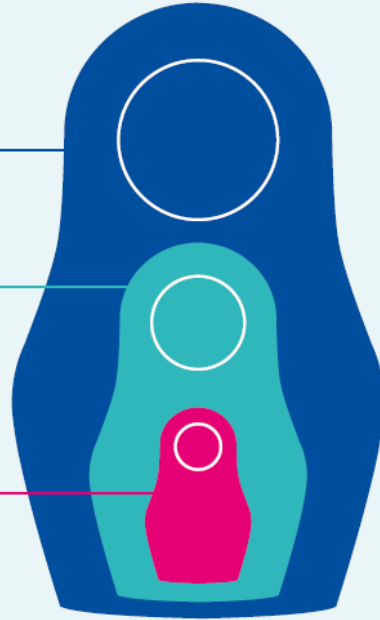
Management and system administration tasks

Functional use

Kanban, Quality Inspection, Production BOM Management, Inspection Planning, Project Financial and Logistics Control, Master Data Maintenance, ...

Productivity use

Goods Movement, Shipping, Timesheet, Self-service Requisition, Material Requirements Planning,...



ID	User Type	Prices
55	SAP Business Suite Developer User	6,000 €
52	SAP Business Suite Professional User	3,200 €
53	SAP Business Suite Limited Professional User	2,200 €
54	SAP Business Suite Employee User	400 €
56	SAP Business Suite Employee Self-Service User	125 €
59	SAP Business Suite ESS Core	60 €



ID	User Type	Prices
HA	S/4HANA Developer access	6,000 €
HB	S/4HANA Professional use	3,500 €
HC	S/4HANA Functional use	1,200 €
HD	S/4HANA Productivity use	300 €

Each former Limited Professional will be Professional within S/4HANA – a gap of 2,300 € per user license.

Echtes Kundenbeispiel



ECC License	Anzahl	Listenpreis pro Lizenz	Lizenz Wert
Professional	2.526	3.200,00 EUR	8.083.200,00 EUR
Limited Professional	1.324	1.200,00 EUR	1.588.800,00 EUR
Worker	765	600,00 EUR	459.000,00 EUR
Employee	984	400,00 EUR	393.600,00 EUR
Employee Self-Service	1.825	120,00 EUR	219.000,00 EUR
Produktionsplanung (PP)	1.286	480,00 EUR	617.280,00 EUR
Invoice Verification	973	350,00 EUR	340.550,00 EUR
	9.683	Ø 1.208,45 EUR	11.701.430,00 EUR

Echtes Kundenbeispiel



S/4 License	Anzahl	Listenpreis pro Lizenz	Lizenzwert
Professional Use	4.509	3.500,00 EUR	8.083.200,00 EUR
Functional Use	2.324	1.200,00 EUR	1.588.800,00 EUR
Productivity Use	2.498	300,00 EUR	459.000,00 EUR
	9.331	Ø 2.070,48 EUR	19.319.700,00 EUR

Echtes Kundenbeispiel



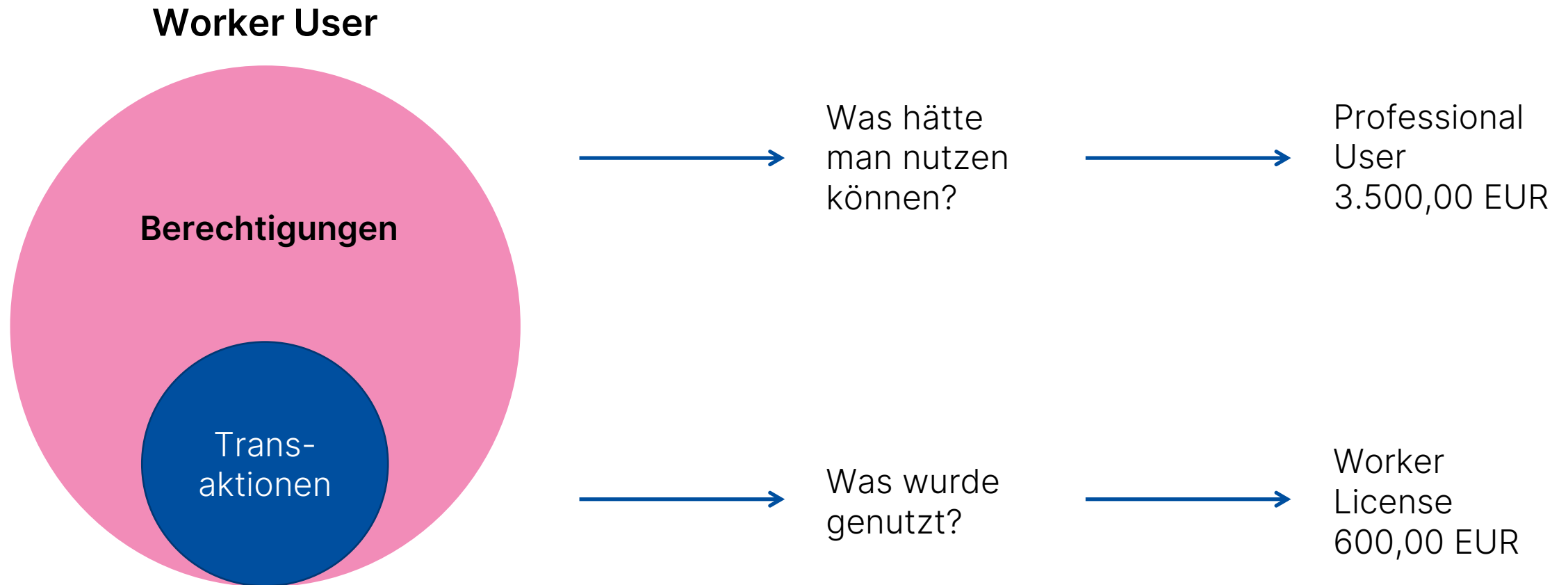
R/3 License	Amount	Price	License Value	Maintenance (22%)
	9.683	Ø 1.208,45 EUR	11.701.430,00 EUR	2.574.314,60 EUR



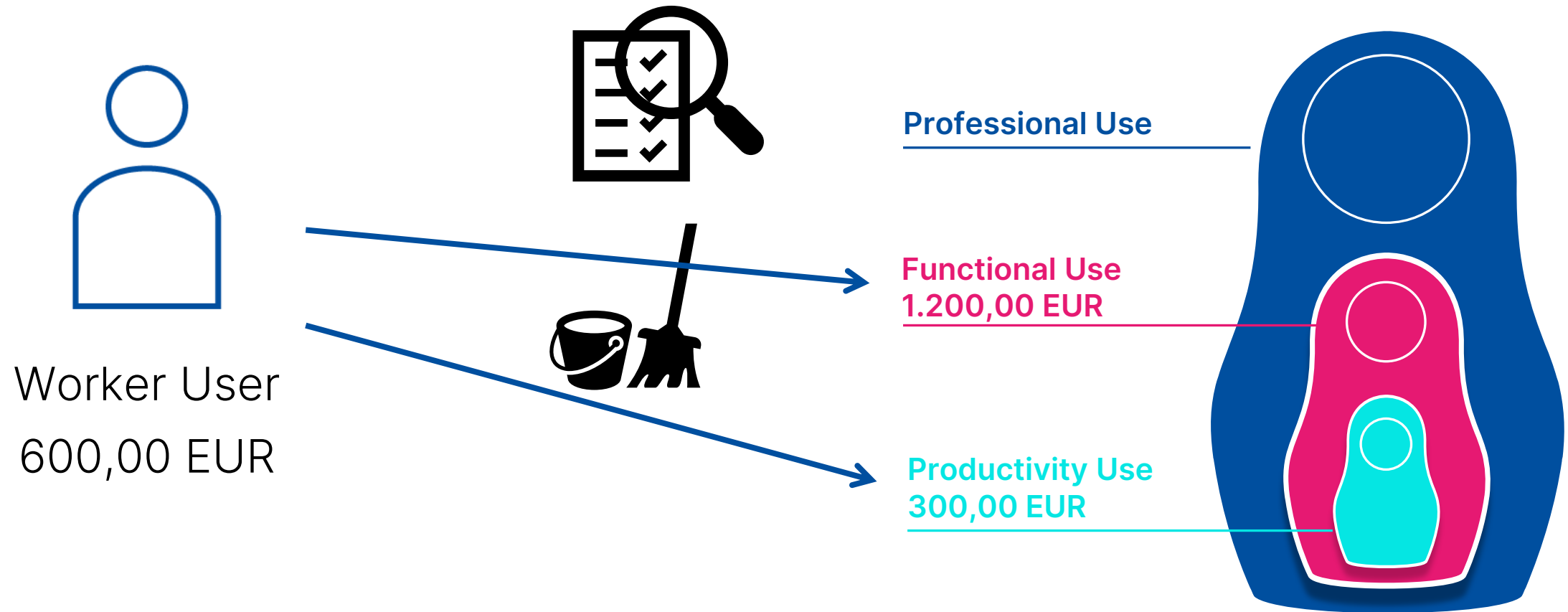
+ 65%

S/4 License	Anzahl	Price	License Value	Maintenance (22%)
	9.331	Ø 2.070,48 EUR	19.319.700,00 EUR	4.250.334,00 EUR

Beachten Sie das Authorization Gap



Die Berechtigungslücke „Authorization GAP“



Berechtigungs-basierte Lizenzierung (Re-Design)

HOT STUFF
18x schneller

USU

Simulation: 7 - 2 x SDI_800 new impl - new rules - 6/14/23, 2:10 PM

Information SAP Authorization Rules Simulation / License Overview Result List Transaction Details FE / Fiori Applications Cost Charging Statistics Move2SAP

Input Parameters for Authorization Logic
The values set here are not simple filters but input parameters for the authorization logic. This affects the result list and the statistics.

Login Name User Type Client Category System Name Business Unit

Please enter comma-separated (e.g. MMUSTER, JDOE), max. 1000 characters

Authorization rules

new big / 12.06.2023 13:49

ID	Name	Lic.	Description	Rule Value	Accounts	Matches
1	HB Professional	HB	HB - S/4HANA EM Professional use		12304	12304
1.1	HB Professional		HB Professional Use by Authorization Objects	/AIF/CLINK(ACTVT=01,02,06), /AIF/CTEXT(ACTVT=01,02,06), /AIF/CUST(ACTVT=02), /AIF/ERR(ACTVT=1...	12304	12304
2	HC Functional	HC	HC Functional		5460	17614
2.1	HC Functional		HC Functional Use by Authorization Objects	/BSNAGT/FM(ACTVT=02), /BSNAGT/PL(ACTVT=02), /BSNAGT/PU(ACTVT=16), /BSNAGT/RP(ACTVT=02)...	5460	17614
3	HD Productivity	HD	HD Productivity		1538	19294
3.1	HD Productivity		HD Productivity Use by Authorization Objects	/AIF/CFUNC(ACTVT=03), /AIF/CLINK(ACTVT=03), /AIF/CTEXT(ACTVT=03), /AIF/CUST(ACTVT=03), /AIF/...	1538	19294
4	HE_ENGINE_USE	HE	HE S4H SAP Engine User - At least one Engine Rule Match		7026	

Verbesserte und schnellere Performance für "Big Data"

Das Berechtigungs Regelwerk ist deutlich Schneller geworden, um einen reibungslosen Betrieb zu gewährleisten und kompatibel mit dem S/4HANA Trusted Authorization Review (STAR) Service zu sein.

Ergebnisse nur mit dem STAR Service

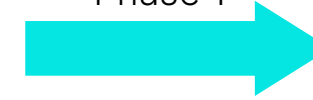
HOT STUFF

Authorization rules					
Unsaved					
ID	Name	Lic.	Description	Rule Value	Accounts
1	HB Professional	HB	HB Professional		
1.1	HB Professional		HB Professional	/AIF/CLINK(ACTVT=01), /AIF/CLINK(ACTVT=06), /AIF/CLI...	
2	HC Functional	HC	HC Functional		5944
2.1	HC Functional		HC Functional	/BSNAGT/FM(ACTVT=02), /BSNAGT/PL(ACTVT=02), /BSN...	5944
3	HD Productivity	HD	HD Productivity		755
3.1	HD Productivity		HD Productivity	/AIF/CFUNC(ACTVT=03), /AIF/CLINK(ACTVT=03), /AIF/CT...	755
4	HE_ENGINE_1	HE	HE Engine Use - All Engines		206
4.1	HE_ENGINE_ALL		HE Engine Use - All Engines, at least one Match	B_FCC_GEN(A	

Use Type	Accounts	Price	Total
HB Professional	5.944	3.500,00 €	20.804.000,00 €
HC Functional	1.200	1.200,00 €	7.132.800,00 €
HD Productivity	755	300,00 €	226.500,00 €
HE Engine	206	- €	- €
	8.105		28.163.300,00 €

Mit unserem Manage SAP Regelwerk

Phase 1



HOT STUFF

USU

Simulation: 61 - New AUTHORIZATION BASEDD LICENSING - 8/17/23, 6:47 PM

Information SAP Authorization Rules **Simulation / License Overview** Result List Transaction Details FE / Fiori Applications Cost Charging Statistics Move2SAP Allocation Report

Simulation Rules

Improved STAR with Exclusion of Inactvice Users COMBI VS3 / 17.08.2023 12:52 (changed)

ID	Rule type	Lic.	Description	Rule Value	Accounts	
1.	LogonName	--	Draft of Templat...		0	+
2.	UserType	(keep)	Reference User ...	L	1	+
3.	Combination	--	Communication U...		0	+
3.1	↳ UserType		--- Communicati...	C		
3.2	↳ LogonName		--- Communicati...			
3.3	↳ SapClientCategory		--- Productive Sy...	P		
4.	Combination	--	Sevice User, Spe...		0	+
4.1	↳ UserType		--- Service (User...	S		
4.2	↳ LogonName		--- Sevice User ...			
4.3	↳ SapClientCategory		--- Productive Sy...	P		
5.	Combination	--	Non Dialog User...		31	+
5.1	↳ UserType		--- System, Com...	B,C,S		
6.	Combination	91	SAP-Specific Te...		9	+
6.1	↳ LogonName		--- SAP-Specific ...	ALEREMOTE, D...		
7.	Combination	91	Dialog User - B...		1	+

License overview

License type color legend

- Developer
- Employee
- Worker
- Maintenance Worker
- No Usage/No Login
- Professional
- ESS Core
- Project
- Functional use
- Limited Prof.
- Customized types
- Logistic
- Productivity use
- ESS
- MSS
- Platform
- Other

License migration 1: actual license → simulated license (usage based)

Use Type	Accounts	Price	Total
HB Professional	2.830	3.500,00 €	9.905.000,00 €
HC Functional	2.200	1.200,00 €	2.640.000,00 €
HD Productivity	1.421	300,00 €	426.300,00 €
HE Engine	206	- €	- €
	6.657		12.971.300,00 €

STAR Service Ergebnisse sind ohne Optimierung

STAR RULESET_20230824 / 24.08.2023 10:40						
ID	Name	Lic.	Description	Rule Value	Accounts	Matches
1	HB Professional	HB	HB Professional		3329	3329
1.1	HB Professional		HB Professional	/AIF/CLINK(ACTVT=01), /AIF/CLINK(ACTVT=06), /AIF/CLINK(ACTVT=02), /AIF/CTEXT(ACTVT=06), /AIF/...	3329	3329
2	HC Functional	HC	HC Functional		3477	3477
2.1	HC Functional		HC Functional	/BSNAGT/FM(ACTVT=02), /BSNAGT/PL(ACTVT=02), /BSNAGT/PU(ACTVT=16), /BSNAGT/RP(ACTVT=02)...	3477	3477
3	HD Productivity	HD	HD Productivity		6405	6405
3.1	HD Productivity		HD Productivity	/AIF/CFUNC(ACTVT=03), /AIF/CLINK(ACTVT=03), /AIF/CTEXT(ACTVT=03), /AIF/CUST(ACTVT=03), /AIF/...	6405	6405
4	HE_ENGINE_1	HE	HE Engine Use - All Engines		37	37
4.1	HE_ENGINE_ALL		HE Engine Use - All Engines, at least one Match	B_FCC_GEN(ACTVT=*), B_FCC_ORG(ACTVT=*), B_FCC_TASK(ACTVT=*), B_FCC_TEMP(ACTVT=*), F_CLM_...	37	37

- Keine Z/Y Transactions taking into
- Keine Inaktivität
- Kein Rightsizing

USU Star Service – Schritt 1: Compliance

17.	Combination	HD	S/4H EM Productivity Use	0
17.1	↳ TransactionName		--- By Transactions	/BA1/F4_FX_03, /IWBEP/ERROR_LOG, /IWFND/ERROR_LOG, (/sa...
17.2	↳ AuthProfile		--- By Authorizations	HD Productivity
18.	Combination	HC	S/4H EM Functional Use 2 - Own Employees	1138
18.1	↳ TransactionName		--- By Transactions	OKE2, BGM1, BGM2, BP, BP0, bspwdbp_cont_main, bspwdbp_em...
18.2	↳ AuthProfile		--- By Authorizations	HC Functional
19.	Combination	HB	S/4H EM Professional Use	264
19.1	↳ TransactionName		--- By Transactions	/AIF/CUST, /AIF/ERR, /AIF/ERR_BASE, /AIF/IFMON, /AIF/LFA_UP...
19.2	↳ AuthProfile		--- By Authorizations	HB Professional

Unterregel 1: License by Usage

Unterregel 2: License by Authorization

Match: Account benötigt eindeutig diesen Lizenztyp

Die Regel identifiziert Nutzer, die Funktionen verwendet haben, die „Productivity Use“ erfordern, aber keine übergeordneten Lizenzen. Gleichzeitig lassen die Berechtigungen des Benutzers nur Funktionen der Produktivität Nutzung zu.

Wenn die Berechtigungen mit einem "STAR"-Regelsatz geprüft werden, ist die Lizenzierung dieser Benutzer "STAR"-konform.

USU STAR Check – Schritt 2: Rollen Check

Combination	HD	CHECK S/4H EM Productivity Use	2256
↳ TransactionName	---	By Transactions	/BA1/F4_FX_03, /IWBEP/ERROR_LOG, /IWFND/ERROR_LOG, {/sa...
↳ AuthProfile	---	By Authorizations	HD Productivity

Unterregel 1 Productivity by Usage

Unterregel 2 ...

Matches: Accounts, die durch die Nutzung als Produktivität klassifiziert sind, aber im Berechtigungsregelwerk nicht als Productivity klassifiziert wurden.

Die Regel identifiziert Nutzer, die Funktionen verwendet haben, die eine "Productivity Use", aber keine übergeordneten Lizenzen erfordern.

Die Nutzer haben jedoch Berechtigungen, die für die Productivity Use nicht zulässig sind. (Treffer im Profil Funktionale Nutzung oder Professional Use oder andere. (Engine Use ist ausgeschlossen, wie bereits zuvor geprüft).

Wenn die Berechtigungen mit einem 'STAR'-Regelsatz geprüft werden, ist die Lizenzierung dieser Nutzer nicht 'STAR-konform'.

Das Ergebnis dieser Regel kann verwendet werden, um die Rollen der entsprechenden Nutzer auf unnötige Berechtigungen zu überprüfen. Werden die Berechtigungen nicht angepasst, kann das Ergebnis genutzt werden, um zu argumentieren, warum diese Nutzer aufgrund ihrer Nutzung mit dieser (günstigeren) Lizenz anders als in 'STAR' eingestuft werden.

Die folgenden Rollen müssten analysiert werden

20.	Combination	HD	CHECK S/4H EM Productivity Use	2256
20.1	↳ TransactionName		--- By Transactions	/BA1/F4_FX_03, /IWBEP/ERROR_LOG, /IWFND/ERROR_LOG, (/sa...
20.2	↳ AuthProfile		--- By Authorizations	HD Productivity
22.	Combination	HC	S/4H EM Functional Use 2 - Own Employees	455
22.1	↳ TransactionName		--- By Transactions	0KE2, BGM1, BGM2, BP, BP0, bspwdbp_cont_main, bspwdbp_em...
22.2	↳ AuthProfile		--- By Authorizations	HC Functional
24.	Combination	HB	S/4H EM Professional Use	209
24.1	↳ TransactionName		--- By Transactions	/AIF/CUST, /AIF/ERR, /AIF/ERR_BASE, /AIF/IFMON, /AIF/LFA_UP...
24.2	↳ AuthProfile		--- By Authorizations	HB Professional

USU STAR Check – Schritt 3: Optimierung unter Berücksichtigung von Z/Y Transactions, Reports, Fiori Apps,...

21.	Combination	HD	CHECK S/4H EM Productivity Use	1143
21.1	↳ TransactionName	---	By Transactions	/BA1/F4_FX_03, /IWBEP/ERROR_LOG, /IWFND/ERROR_LOG, {/sa...
21.2	↳ AuthProfile	---	By Authorizations	HD Productivity

Unterregel 1 Productivity by Authorizations

Unterregel 2 ...

Match: Nutzer, die aufgrund ihrer Berechtigungen eine Productivity Use benötigen, aber keine Funktionen nutzen, die unter die Regel Productivity by Usage fallen.

Anhand der Position im Regelwerk identifiziert die Regel Nutzer, die laut Berechtigungsregelwerk 'Productivity Use' benötigen, im System aktiv sind, aber keine Funktionen ausführen, denen 'Productivity Use' mit der Bedingung 'Mindestens' zugeordnet ist.

Mögliche Ursache

Die Transaktion ist bisher nicht in der Produktivitätsnutzung gepflegt, würde aber richtigerweise als HD klassifiziert werden (z.B. bisher nicht erfasste Z-Transaktionen). HD ist die richtige Lizenz.

Checkt, was tatsächlich genutzt wurde...

21.	Combination	HD	CHECK S/4H EM Productivity Use	1143
21.1	↳ TransactionName		--- By Transactions	/BA1/F4_FX_03, /IWBEP/ERROR_LOG, /IWFND/ERROR_LOG, {/sa...
21.2	↳ AuthProfile		--- By Authorizations	HD Productivity
23.	Combination	HC	S/4H EM Functional Use 2 - Own Employees	363
23.1	↳ TransactionName		--- By Transactions	0KE2, BGM1, BGM2, BP, BP0, bspwdbp_cont_main, bspwdbp_em...
23.2	↳ AuthProfile		--- By Authorizations	HC Functional
23.	Combination	HC	S/4H EM Functional Use 2 - Own Employees	363
23.1	↳ TransactionName		--- By Transactions	0KE2, BGM1, BGM2, BP, BP0, bspwdbp_cont_main, bspwdbp_em...
23.2	↳ AuthProfile		--- By Authorizations	HC Functional

2. Kundenbeispiel: STAR Service ohne jegliches Finetuning

STAR Service				USU STAR Service					
	Listprice	Value		Compliant	Usage	AUTH	Σ	Listprice	Value
HB	3.329	3.500,00 €	11.651.500,00 €	264	209	531	1.004	3.500,00 €	3.514.000,00 €
HC	3.477	1.200,00 €	4.172.400,00 €	1.138	455	363	1.956	1.200,00 €	2.347.200,00 €
HD	6.405	300,00 €	1.921.500,00 €		2.256	1.143	3.399	300,00 €	1.019.700,00 €
HE	37								
	<u>13.248</u>		<u>17.745.400,00 €</u>				<u>6.359</u>		<u>6.880.900,00 €</u>



Wir wären in der Lage, die Anzahl der HB um fast 67 % zu reduzieren, was finanzielle Auswirkungen von rund 8 Millionen Euro hätte.

Kein Projekt zur Umgestaltung von Rollen wird Sie einen so hohen Betrag kosten.

Überlizenzierte Accounts identifizieren

20.	Combination	HD	CHECK S/4H E...	6
20.1	↳ TransactionName		--- By Transactio... /BA1/F4_FX_03,...	
20.2	↳ AuthProfile		--- By Authorizat... HD Productivity	
21.	Combination	HD	CHECK S/4H E...	755
21.1	↳ TransactionName		--- By Transactio... /BA1/F4_FX_03,...	
21.2	↳ AuthProfile		--- By Authorizat... HD Productivity	

D	E	r	M	N	O	P	S	
System	Logon_Name	Display_Nam	Simulated_L	Simulation_F	User_Type	EntryTypeTa	Transaction_	Transaction_Codes_String
	DS_FILTER1	DS_FILTER1	HD	CHECK S/4H	A	R_01, T_01	7	al08, cs03, mm03, pfcg, se11, se16n, session_manager
	DS_FILTER2	DS_FILTER2	HD	CHECK S/4H	A	R_01, T_01	6	al08, mm03, pfcg, se11, se16n, session_manager
	DS_FILTER3	DS_FILTER3	HD	CHECK S/4H	A	R_01, T_01	5	al08, pfcg, se11, se16n, session_manager
	DS_FILTER4	DS_FILTER4	HD	CHECK S/4H	A	R_01, T_01	4	al08, se11, se16n, session_manager
	DS_FILTER5	DS_FILTER5	HD	CHECK S/4H	A	R_01, T_01	3	al08, se11, session_manager
	DS_FILTER6	DS_FILTER6	HD	CHECK S/4H	A	R_01, T_01	2	al08, session_manager

SAP S/4HANA Licensing

Details on Direct User Access to DigitalCore

7018652 SAP S/4HANA Enterprise Management for Professional use

This license allows performing all role required operations, including management and system administration tasks.

7018654 SAP S/4HANA Enterprise Management for Functional use

- Inventory Analytics
- Returnable Packaging Logistics
- Transportation Management
- External Processing
- Subcontracting
- Just-in-time Inbound Processing
- Kanban
- Repetitive Manufacturing
- Quality Engineering
- Quality Improvement
- Quality Inspection
- Manufacturing Analytics
- Maintenance Planning & Sched.
- Master Data Maintenance
- Project Financial Control
- Project Logistics Control
- Production BOM Management
- Recipe/Routing Management
- Variant Configuration
- Inspection Planning
- Product Development Foundation
- Warranty Management
- Service Request Management
- Service Order Management
- Service Fulfilment
- Service Billing & Settlement
- Multi-Channel Customer Engagement
- Sales Order Management and Processing
- Opportunity Management
- Sales Lead Management
- Activity Management

7018653 SAP S/4HANA Enterprise Management for Productivity Use

- Goods Movement
- Warehouse Management
- Shipping
- Available to Promise
- Material Requirements Planning
- Production Control
- Production Execution
- Maintenance Execution
- Self-Service Requisitioning
- Organizational Management
- Time Sheet

7018682 SAP S/4HANA, Developer Access

S/4HANA Licensing Strategy

- Evaluation Product-/Contract Conversion
- Creation of a role concept
- Reconfiguration Right Check

At the end of this project, the customer shall have an assisted transition from ECC to S/4HANA from a licensing perspective. Prior upgrade work is performed to optimize the customer's ECC licenses to ensure that the customer has a good understanding of their existing license position and understands exactly what is actually in use and what is authorized to use.

This information is relevant to determine what needs to be purchased for the new S/4 HANA environment and helps to identify any shelfware that can be exchanged.

SAM for SAP also has functions to determine how authorizations are being utilized.

Post Upgrade work is performed to analyze how the S/4 system is being utilized and to ensure that licenses are assigned in an optimum manner.

Together with our partner Pathlock, we can create new roles for new use types.



**The way to optimal control
over your SAP licensing**

S/4HANA Licensing Strategy

- Gain full transparency about your Named User License Portfolio
- Understand the impact of your Engine Usage

Scope

- S/4HANA Role Workshop
- Simulation creation and Rule Set adaption to customer-specific needs and use case
- Usage Analysis (custom t-codes, Fiori apps, reports, etc.)
- Inactivity search and clarification with customer
- Shelfware Detection
- Review of results
- Check for Fiori Application and LoB
- Detection and bundling of shelfware
- Provision of optimized results and result presentation

Pricing & Conditions

- Price: 30.000,00 €
- (possible additional cost through partner)
- Conditions:
- Man Days
=> extra costs if exceeded

Timeline

- Project period is limited to 15 Days in total
- Customer needs to fulfill his deliverables in time
- Extension of timeline may increase pricing due to increased efforts

S/4HANA Licensing Strategy

30.000 €

Detailed Contract Analysis

Usage Analysis
(custom t-codes, fiori apps, reports etc.)

Simulation creation and Rule Set adaption to
customer-specific needs and use case

S/4HANA Role Workshop (Authorization based)

Named User Analysis and Optimization

Check for Fiori Application and LoB

Detection and bundling of shelfware

Review of Results

Contract Negotiation

15 Working Days

+ 2.000€ per Working Day

+ Partner Costs for Role
Analysis

Why SAP's STAR SERVICE is not enough



Unused Licenses



Inactive/ idle
User



Indirect / Digital
Access



License
Optimization



Role Usage
Information



Duplicates

Simulation: 51 - DS2 - 7/6/23, 1:12 PM

- Information
- SAP Authorization Rules
- Simulation / License Overview
- Result List
- Transaction Details
- FE / Fiori Applications
- Cost Charging
- Statistics
- Move2SAP
- Allocation Report

Simulation Rules

Unsaved (changed)

ID	Rule type	Lic.	Description	Rule Value	Accounts		
1.	Combination	91	Dialog User – B...		0	     	 
1.1	↳ EntryTypeTaskType		Background Jo...	J_*		     	 
2.	Combination	91	Dialog User – B...		20	     	 
2.1	↳ EntryTypeTaskType		Background Jo...	J_*, *_04		     	 
3.	Combination	91	Dialog User – ...		20	     	 
3.1	↳ TaskType		Other Technica...	02,03,04,05,06,...		     	 
4.	Combination	91	Dialog User – ...		0	     	 
4.1	↳ TaskType		Other Technica...	02,03,04,05,06,...		     	 

License overview

License type color legend

Developer

Employee

Worker

Maintenance Worker

No Usage/No Login

Professional

ESS Core

Project

Functional use

Limited Prof.

Customized types

Logistic

Productivity use

ESS

MSS

Platform

Other

License migration 1: actual license → simulated license (usage based)

Enlarge diagram

Weitere Verbesserungen am Regelwerk

Neue und sehr praxisrelevante Simulationsregeln in Bezug auf Aufgabentypen, Eintragsarten, Nutzerstatus und installierte Softwarekomponenten

Bisher mussten Sie endlos lange Listen prüfen

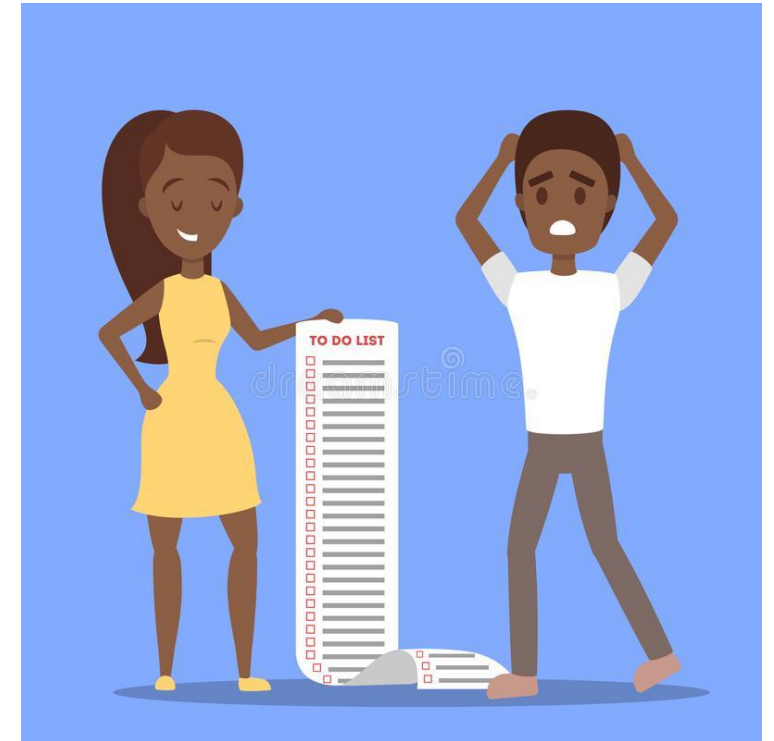
Ein wichtiger Teil der Simulation ist die Ermittlung von Nutzern ohne Lizenzbedarf. Dies kann genutzt werden, um ein unmittelbares Einsparungspotential aufzuzeigen.

Die bisherigen Regeln hierfür prüfen, ob ein Nutzer **inaktiv war** (z.B. CpuTime, TransactionCount, etc.), oder ob er schon lange nicht mehr aktiv war (**LastLogin > 90 Tage**).

Listen zur Invalidierung muss der Kunde manuell prüfen:

- Nutzer: keine Nutzung, letzter Login vor mehr als x Tagen,
- nur Productive SystemsNutzer: Keine Nutzung, letzter Login mehr als xxx Tage her,
- Nicht-Produktive Systeme

Der Kunde sollte prüfen, ob der User invalidiert werden konnte, wenn wir Move2SAP ohne weitere Informationen durchführen.



	A	B	D	E	F	G	H	L	M	N	O	P	Q	R	S	
1	Employee	System_Nam	System_C	Logon_Name	Display_Name	Mail	License_T	ated_Licer	Simulation_Rule_Description	User_Type	Workbenc	CPU_Time	Dialog_St	Transactio	Transactio	FE
2	30799	Consolidated		2A77238	2A77238		91	91		A	false	0	0	0		
3	30799	DGW_100_100	C	2A77238	2A77238		91	91	No usage, last login more than 365 days ago Non-Productive Systems	A	false	0	0	0		
4	30083	Consolidated		2AASBMT1	2AASBMT1		91	CC		X	false	0	0	0		
5	30083	DE1_200_200	C	2AASBMT1	2AASBMT1		91	CC	No usage, login within past 90 days	A	false	0	0	0		
6	30084	DGW_100_100	C	2APABAPR1	Amount Based 2APABAPR1	sap_bpm_sb	91	CC	No usage, login within past 90 days	A	false	0	0	0		
7	30084	DE1_200_200	C	2APABAPR1	Amount Based 2APABAPR1	sap_bpm_sb	91	CC	No usage, login within past 90 days	A	false	0	0	0		
8	30084	Consolidated		2APABAPR1	Amount Based 2APABAPR1		91	CC		A	false	0	0	0		
9	30085	DE1_200_200	C	2APABAPR2	Amount Based 2APABAPR2	sap_bpm_sb	91	91	No usage, last login more than 365 days ago Non-Productive Systems	A	false	0	0	0		
10	30085	DGW_100_100	C	2APABAPR2	Amount Based 2APABAPR2	sap_bpm_sb	91	CC	No usage, login within past 90 days	A	false	0	0	0		
11	30085	Consolidated		2APABAPR2	Amount Based 2APABAPR2		91	CC		A	false	0	0	0		
12	30806	Consolidated		2APANYT1	2APANYT1		91	CC		A	false	0	0	0		
13	30806	DGW_100_100	C	2APANYT1	2APANYT1		91	CC	No usage, login within past 90 days	A	false	0	0	0		
14	30809	DGW_100_100	C	2APCOAAPR2	COMPANY ACCOUNT 2APCOAAPR2	sap_bpm_sb	91	CC	No usage, login within past 90 days	A	false	0	0	0		
15	30809	Consolidated		2APCOAAPR2	COMPANY ACCOUNT 2APCOAAPR2		91	CC		A	false	0	0	0		
16	30811	DGW_100_100	C	2APDATA1	AP Data Team 2APDATA1	sap_bpm_sb	91	CC	No usage, login within past 90 days	A	false	0	0	0		
17	30811	Consolidated		2APDATA1	AP Data Team 2APDATA1		91	CC		A	false	0	0	0		
18	30813	DGW_100_100	C	2APDATA2	AP Data Team 2APDATA2	sap_bpm_sb	91	CC	No usage, login within past 90 days	A	false	0	0	0		
19	30813	Consolidated		2APDATA2	AP Data Team 2APDATA2		91	CC		A	false	0	0	0		
20	33588	Consolidated		2APINQANY1	2APINQANY1		91	CC		A	false	0	0	0		
21	33588	DGW_100_100	C	2APINQANY1	2APINQANY1		91	CC	No usage, login within past 90 days	A	false	0	0	0		
22	33589	Consolidated		2APINQURY1	2APINQURY1		91	CC		A	false	0	0	0		
23	33589	DGW_100_100	C	2APINQURY1	2APINQURY1		91	CC	No usage, login within past 90 days	A	false	0	0	0		
24	30821	DGW_100_100	C	2APINSUB1	AP Non PO Invoice Submitter 2APINSUB1	sap_bpm_sb	91	CC	No usage, login within past 90 days	A	false	0	0	0		
25	30821	Consolidated		2APINSUB1	AP Non PO Invoice Submitter 2APINSUB1		91	CC		A	false	0	0	0		
26	30823	DGW_100_100	C	2APINSUB2	AP Non PO Invoice Submitter 2APINSUB2	sap_bpm_sb	91	CC	No usage, login within past 90 days	A	false	0	0	0		
27	30823	Consolidated		2APINSUB2	AP Non PO Invoice Submitter 2APINSUB2		91	CC		A	false	0	0	0		
28	30826	DGW_100_100	C	2APPPVAPPR1	PPV 2APPPVAPPr1	sap_bpm_sb	91	CC	No usage, login within past 90 days	A	false	0	0	0		
29	30826	Consolidated		2APPPVAPPR1	PPV 2APPPVAPPr1		91	CC		A	false	0	0	0		
30	30089	DGW_100_100	C	2APPPVAPPR2	PPV 2APPPVAPPr2	sap_bpm_sb	91	CC	No usage, login within past 90 days	A	false	0	0	0		
31	30089	DE1_200_200	C	2APPPVAPPR2	PPV 2APPPVAPPr2	sap_bpm_sb	91	CC	No usage, login within past 90 days	A	false	0	0	0		
32	30089	Consolidated		2APPPVAPPR2	PPV 2APPPVAPPr2		91	CC		A	false	0	0	0		
33	30829	Consolidated		2APRESADM1	User 1 AP Research Admin		91	91		A	false	0	0	0		
34	30829	DGW_100_100	C	2APRESADM1	User 1 AP Research Admin		91	91	No usage, last login more than 365 days ago Non-Productive Systems	A	false	0	0	0		
35	30093	DE1_200_200	C	2APSBMT1	Test ID AP Submitter - 1	Pmadimi@B	91	91	No usage, last login more than 365 days ago Non-Productive Systems	A	false	0	0	0		
36	30093	DGW_100_100	C	2APSBMT1	Test ID AP Submitter - 1	Pmadimi@B	91	CC	No usage, login within past 90 days	A	false	0	0	0		
37	30093	Consolidated		2APSBMT1	Test ID AP Submitter - 1		91	CC		X	false	0	0	0		
38	30094	DGW_100_100	C	2APSBMT2	Test ID AP Submitter - 2	Pmadimi@B	91	91	No usage, last login more than 365 days ago Non-Productive Systems	A	false	0	0	0		
39	30094	Consolidated		2APSBMT2	Test ID AP Submitter - 2		91	91		X	false	0	0	0		
40	30095	DGW_100_100	C	2AP SPLAPR1	Supplier 2AP SPLAPR1	sap_bpm_sb	91	91	No usage, last login more than 365 days ago Non-Productive Systems	A	false	0	0	0		
41	30095	DE1_200_200	C	2AP SPLAPR1	Supplier 2AP SPLAPR1	sap_bpm_sb	91	91	No usage, last login more than 365 days ago Non-Productive Systems	A	false	0	0	0		
42	30095	Consolidated		2AP SPLAPR1	Supplier 2AP SPLAPR1		91	91		A	false	0	0	0		
43	30837	DGW_100_100	C	2AP SPLAPR3	Supplier 2AP SPLAPR3	sap_bpm_sb	91	91	No usage, last login more than 365 days ago Non-Productive Systems	A	false	0	0	0		
44	30837	Consolidated		2AP SPLAPR3	Supplier 2AP SPLAPR3		91	91		A	false	0	0	0		

Resultlist 20221103

No Usage No Login 120

Invalidate List 120

No Usage No Login 365 days

NO INVALIDATION

System remain untouched

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Tasktype/Entry Type

Struktureditor: Anzeigen USERTCODE ab Eintrag 1

489 Einträge

TA	ACCOUNT	ENTRY_ID	COUNT	DCOUNT	UCOUNT
01	ADIMLAPPLE	SAPLSMTR_NAVIGATION	R	1	1
01	ADIMLAPPLE	SAPMSYST	R	1	1
01	ADIMLAPPLE	SESSION_MANAGER	T	1	1
01	BPINST	SAPMSLIC	R	1	1
01	BPINST	SAPMSUU0	R	1	1
01	BPINST	SAPMSYST	R	2	2
01	BPINST	SESSION_MANAGER	T	2	2
01	BPINST	SLICENSE	T	13	13
01	BPINST	SU01	T	7	7
01	DENGEL	/1BCDWB/DBTADIR	R	1	1
01	DENGEL	/SECINT/POTENTIAL_ANALYSE_4_0	R	1	1
01	DENGEL	/SECINT/SLC_ANALYSIS	T	15	15
01	DENGEL	PFCG	T	41	41
01	DENGEL	SAPLTMSU	R	2	2
01	DENGEL	SAPMSEU0	R	56	56
01	DENGEL	SAPMSYST	R	3	3
01	DENGEL	SE09	T	11	11

Column		SAP Data Source	SAP0P Data Base
System Alias	No change		
Install. No	No change		
Transaction / Report	To be modified	USERTCODE Field Entry_ID Position 1 - 40	[dbo].[ABAP_USR_STAT_WL_COMBI Field Entry_ID
Job Name	New	USERTCODE Field Entry_ID Position 40-72	[dbo].[ABAP_USR_STAT_WL_COMBI Field Entry_ID Position 40 -72
T=Tcode, R=Report	New	USERTCODE Field Entry_ID Position 73	[dbo].[ABAP_USR_STAT_WL_COMBI Field Entry_ID Position 73
Task Type	new	USERTCODE Field Task_Type	[dbo].[ABAP_USR_STAT_WL_COMBI Field Task_Type
Login Name	No change		

Die Informationen über die Nutzung von Transaktionen, Berichten, Jobs und die verwendeten Aufgabentypen sind die Grundlage jeder Nutzungsanalyse. Diese Informationen erhalten wir nun auf einen Blick.

User mit Background Jobs

Simulation Rules						
Unsaved (changed)						
ID	Rule type	Lic.	Description	Rule Value	Accounts	
1.	Combination	91	Dialog User – B...		0	       
1.1	↳ EntryTypeTaskType		Background Jo...	J_*		       
2.	Combination	91	Dialog User – B...		20	       
2.1	↳ EntryTypeTaskType		Background Jo...	J_*, *_04		       
3.	Combination	91	Dialog User – ...		20	       

01 DIALOG
02 UPDATE
03 SPOOL
04 BCKGRD
05 ENQUEUE
06 BUF.SYN
07 AUTOABA
08 UPDATE2
0A EXT.PLUGIN
0B AUTOTH
0C RPCTH

0D RFQVMC
0E DDLOG CLEANUP
0F DEL. THCALL
10 AUTOJAVA
11 LICENCESRV
21 ANDERE
22 DINOGUI
23 B.INPUT
65 HTTP
66 HTTPS
67 NNTP
68 SMTP
69 FTP
6C LCOM
75 HTTP/ISP
76 HTTPS/ISP
FC ESI
FD ALE
FE RFC
FF CPIC

Die Informationen über die Nutzung von Transaktionen, Reports, Jobs und die verwendeten Aufgabentypen sind die Grundlage jeder Nutzungsanalyse.

USU

Simulation: 51 - DS2 - 7/6/23, 1:12 PM

Information

SAP Authorization Rules

Simulation / License Overview

Result List

Transaction Details

FE / Fiori Applications

Cost Charging

Statistics

Move2SAP

Allocation Report

Simulation Rules

Unsaved (changed)

ID	Rule type	Lic.	Description	Rule Value	Accounts	
1.	Combination	91	Dialog User – B...		0	✓ ✕
1.1	↳ EntryTypeTaskType		Background Jo...	J_*		✓ ✕
2.	Combination	91	Dialog User – B...		20	✓ ✕
2.1	↳ EntryTypeTaskType		Background Jo...	J_*,*_04		✓ ✕
3.	Combination	91	Dialog User –		20	✓ ✕
3.1	↳ TaskType		Other Technica...	02,03,04,05,06		✓ ✕
4.	Combination	91	Classification FAQ'		0	✓ ✕
4.1	↳ TaskType		Other Technica...	02,03,04,05,06		✓ ✕
5.	UserStatus	--	(please enter a ...		0	✓ ✕
6.	SapClientCategory	--	(please enter a ...		0	✓ ✕
Unmatched			Unmatched acc...		82266	

Apply Simulation Rules

License overview

License type color legend

License migration 1: actual license → simulated license (usage based)

Neuer Regelty: User Status

Users Logged Out of the system

Nutzer, die gesperrt wurden, weil sie z. B. das Unternehmen verlassen oder in einen anderen Bereich umziehen, aber nach dem durch die LastLogin-Regel festgelegten Zeitpunkt aktiv waren, werden in der Simulation als lizenzpflichtig angezeigt, wenn das Gültigkeitsdatum für sie nicht bereits zurückgesetzt wurde. Um diese Nutzer ohne Lizenzpflicht auszuschließen, gibt es nun einen Regeltyp für die Simulation, der den Status der Nutzersperre überprüft.

5. **UserStatus** -- **Locked by Adm...** 32,64,128,192,...

Edit

Cancel

Save

UserStatus

User Status:
0 not locked
32 locked globally by administrator
64 locked locally by administrator
128 locked due to incorrect logons (limited term)
192 locked due to incorrect logons + locked locally by administrator
160 locked due to incorrect logons + locked globally by administrator

Short Description

Locked by Administrator

Long Description

The rule checks whether the user has been blocked by the administrator.
User Status:
0 not locked
32 locked globally by administrator
64 locked locally by administrator
128 locked due to incorrect logons (limited term)
192 locked due to incorrect logons + locked locally by administrator
160 locked due to incorrect logons + locked globally by administrator

Filter

32,64,128,192,160

357

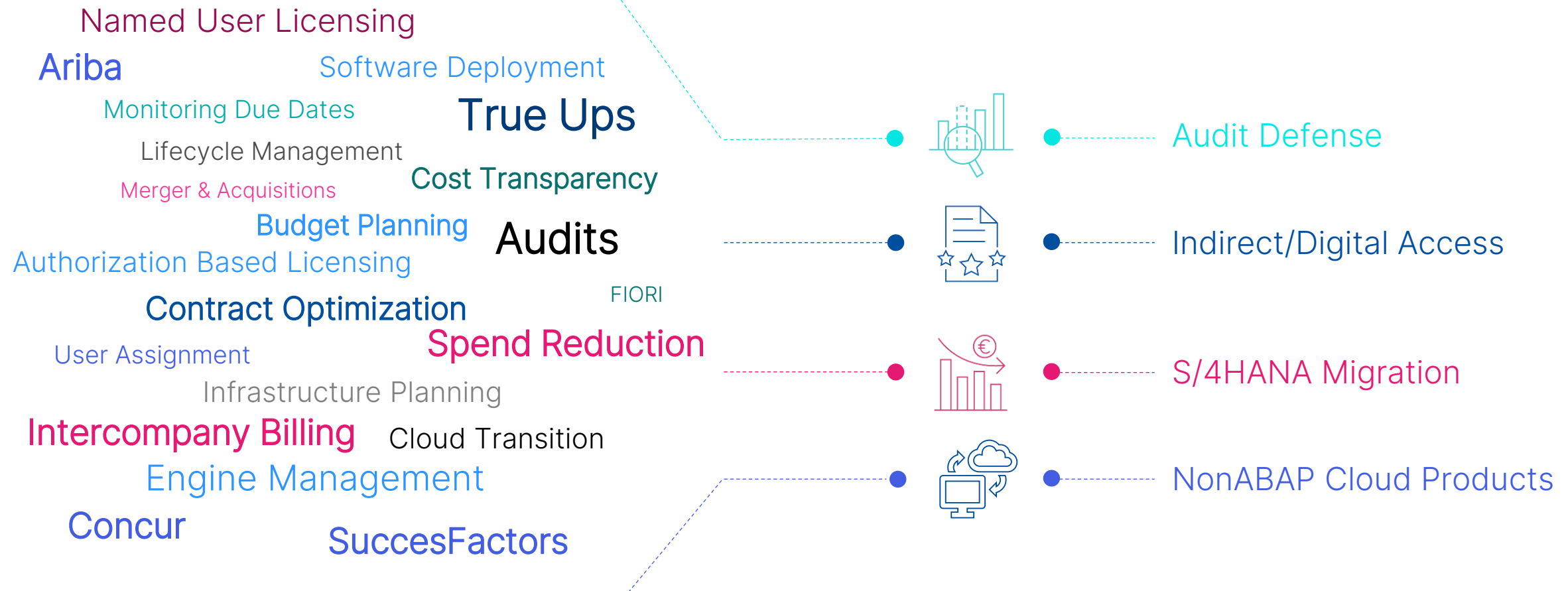
Mit diesen Regelwerk Verbesserungen...

	Report	Less Manual Work	Highly Automated	Expertise
 Logged Out Users	✓	✓	✓	✓
 Users with Backgroundjobs	✓	✓	✓	✓
 Report Information	✓	✓	✓	✓

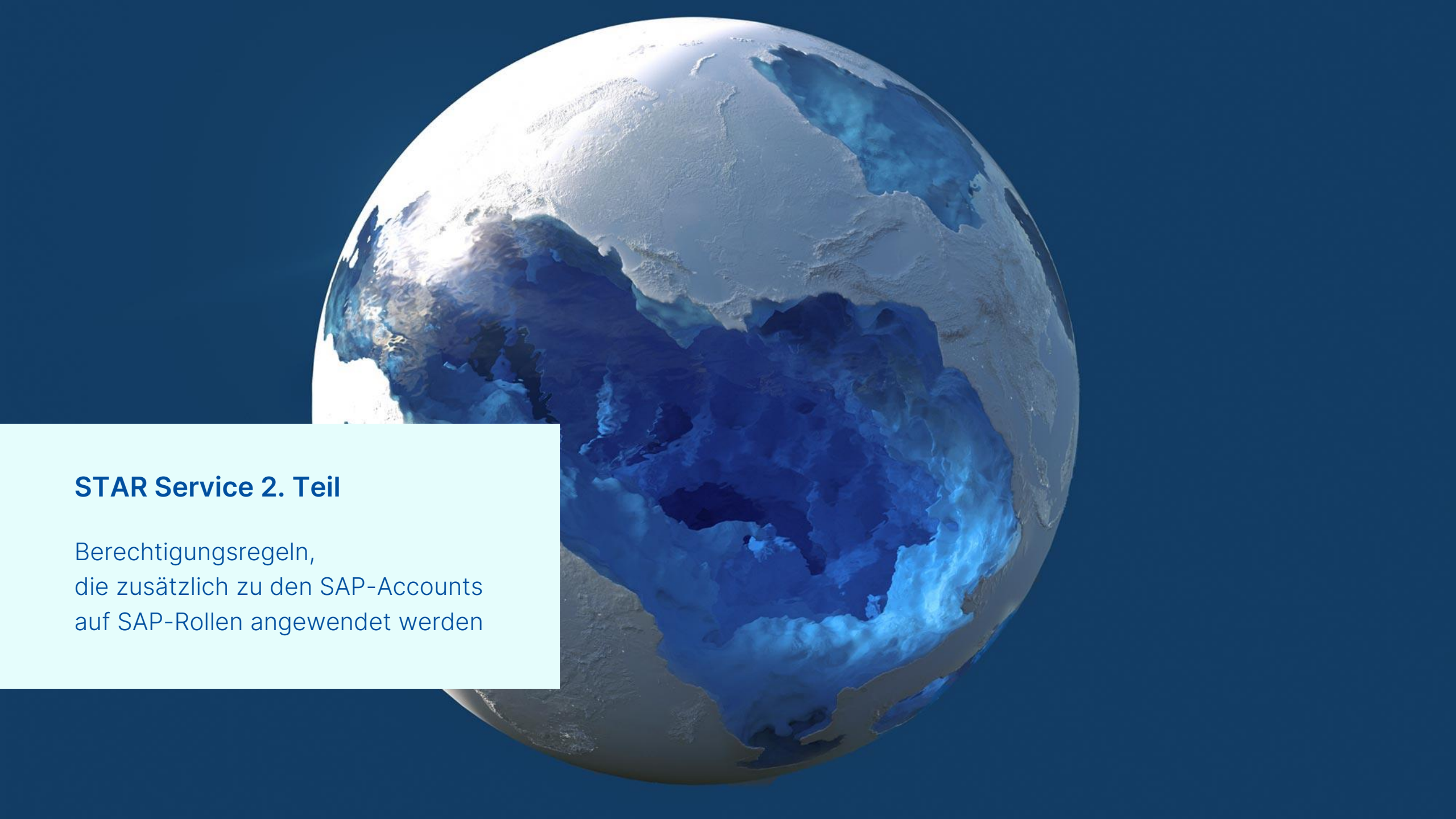


Roadmap

SAP WORLD



SAP® Cloud Products					
→ BTP (Cloud Credits)	→ Ariba Vanilla Content → BTP	→ More SAP® Cloud → SAC, → SAP Cloud Dashboards	→ More SAP® Cloud → Deactivate user accounts based on employee status	→ More SAP® Cloud	→ More SAP® Cloud
S/4HANA Migration					
→ STAR Service Analysis	→ STAR Service Part 1 Improved Performance Snapshot able to use AUTH Rules in simulation	→ STAR Service Part 2 Role Based Ruleset	→ STAR Service Part 3: → Contract Management in LiMA	→ STAR Service Part 4: Write Back ROLE → HANA DB → Contract Management in LiMA Part2	→ More and improved SAP® Reporting → JML automation/reharvesting
Indirect/Digital Access					
→ Interface Scanner added functionality	→ More SAP® Licensing	→ Improvements in Importer and Log		→ More and improved SAP® Reporting	→ Passport Functionality combined with User information → Pioneer
Audit Defense					
→ More and improved SAP® Reporting → BOBJ Licensing	→ “Analytics Backbone” Load of historical snapshots (SAMA)	→ LAW datatransfer into LIMA (no XML no IPP necessary anymore)	→ Multiverse Improvements	→ More and improved SAP® Reporting	→ More and improved SAP® Reporting
Backend					
→ Transport Improvements and simplification	→ Pentest Findings → GitLab → Decoupling	→ Further Decoupling → Persistent language Settings	→ JAVA 17 → Docker	→ SAP® Re-Certification → Further Decoupling	
→ More Topics to improve quality, security, performance, automate hosting tasks, Tech Upgrades, Modernization of User Interface, etc.					
2023.1	2023.2	2023.3	2023.4	2024.1	2024.2

A stylized, glowing blue and white Earth with a dark blue background. The Earth is shown from a perspective that highlights the continents and oceans, with a bright light source creating a strong glow on the left side of the planet. The background is a solid dark blue.

STAR Service 2. Teil

Berechtigungsregeln,
die zusätzlich zu den SAP-Accounts
auf SAP-Rollen angewendet werden

Level 1 Ergebnisliste mit Ratio

Übersicht der Rollen:

- übereinstimmendes Profil, aktueller Lizenztyp, simulierter Lizenztyp, Gesamtzahl der Berechtigungskombinationen und Verhältnis (Berechtigungskombinationen der Rolle in der Regel des Berechtigungsprofils gegenüber denen, die übereinstimmen)

Accounts mit ihren zugewiesenen Rollen basierend auf AUTH-Regeln (Level 2)

Details for role/profile TEST_DS



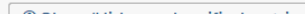












Object	Text	Field name	Descriptio...	Value Lo ...	Descriptio ...	Value High	Descriptio ...	Classific.	Engine Cl.
C_DRAD_OBJ	Create/Change/Display/Delete Object Link	ACTVT		03				HD Productivity	
		DOKAR						Not classified	
		DOKOB						Not classified	
		STATUS						Not classified	
C_KLAH_BKL	Authorization for Classification	ACTVT		*				HD Productivity	
				01				Not classified	
				02				Not classified	
				03				HD Productivity	
		BGRKL						Not classified	
C_TCLA_BKA	Authorization for Class Types	KLART		001				Not classified	
K_KEKO	CO-PC: Product Costing	ACTVT		03				HD Productivity	
		BUKRS		\$BUKRS				Not classified	
		KLVAR						Not classified	
M_MATE_BUK	Material Master: Company Codes	ACTVT		03				HD Productivity	

- Rollen mit allen ihren Berechtigungsobjekten und den ihnen zugeordneten Berechtigungsprofilen (vielleicht ähnlich wie bei der digitalen Zugriffstabelle)
- Ergebnisliste mit den Konten, ihren zugewiesenen Rollen, ihren aktuellen Lizenztypen und den simulierten Lizenztypen der Rollen auf der Grundlage der Berechtigungsregeln

Input Parameters for Authorization Logic

The values set here are not simple filters but input parameters for the authorization logic. This affects the result list and the statistics.

Login Name

Please enter comma-separated (e.g. MMUSTER, JDOE), max. 1000 characters

User Type

Client Category

System Name

Business Unit

Logic

☐ Stop at first match

Role based

☒ Apply role based matching

Authorization rules

Unsaved (changed)

ID	Name	Lic.	Description	Rule Value	Accounts Matches	Roles Matches	
1	NOT RELEVANT	Q1	Users not relevant for Authorization Analysis				+
				Z_DUMMYMA(*)			
				SE38, SE37, SE11, *			
				DEVELOP(ACTVT=01), S_DEVELOP(ACTVT=02)			
				*			
				UK(ACTVT=30,31,32,33,34,35,36), A_S_ANLKL(...			
				*			

Unsaved (changed)

Login Name

Please enter comma-separated (e.g. MMUSTER, JDOE), max. 1000 characters

User Type

Client Category

Role based

☐ Apply role based matching

Ausblick auf das nächste Release im November

USU

Simulation: 2 - xxxxx - 9/6/23, 8:59 AM

Information

Simulation / License Overview

Result List

Sap Roles

Transaction Details

FE / Fiori Applications

Cost Charging

Statistics

Move2SAP

☐ Basic role view

☐ Authorization role view

☒ Roles and accounts

Showing 1 to 76 of 76

Login Name	System Name	Role Name	License (Account)	Auth. License (Account)	License (Role)	Auth. License (Role)
NBAUERDICK	NWA_001	/aspera/offline_collector			51	
OFFLINE_COLL	NWA_001	/aspera/offline_collector	91		51	
OFFLINE_COLL	NWA_001	/aspera/offline_collector...	91		51	
OFFLINE_COLL	NWA_001	/aspera/offline_coll_ohne...	91		51	
NBAUERDICK	NWA_001	/aspera/offline_old			51	
OFFLINE_COLL	NWA_001	/aspera/offline_zusatz	91			
NBAUERDICK	NWA_001	/aspera/rva_auth			52	
VSCHNEIDER	NWA_001	/secint/lc4sap_communi...			53	
DENGEL	NWA_001	/secint/lc4sap_communi...			53	
LHENNING	NWA_001	/secint/lc4sap_communi...	91		53	

USU

SAP Anwendertreffen in Bremen

22.09.2023

46

Simulation: 2 - xxxxx - 9/6/23, 8:59 AM

Information

Simulation / License Overview

Result List

Sap Roles

Transaction Details

FE

☐ Basic role view
 ☒ Authorization role view
 ☐ Roles and accounts

System Name ↑ | Role Name ↑↓ | Auth ↑↓ | Object ↑↓ | Field ↑↓

Simulation: 2 - xxxxx - 9/6/23, 8:59 AM

Information

Simulation / License Overview

Result List

Sap Roles

Transaction Details

FE / Fiori Applications

Cost Charging

Statistics

Move2SAP

☐ Basic role view
 ☒ Authorization role view
 ☐ Roles and accounts

System Name ↑ | Role Name ↑↓ | Auth ↑↓ | Object ↑↓ | Field ↑↓ | From ↑↓ | To ↑↓ | Profile Name ↑↓ | License (Role) ↑↓ | Auth. License (Role) ↑↓ | Descriptio



USU

SAP S/4HANA: Lizenzen besser migrieren mit Managed Services von USU

Typische S/4HANA-Fallstricke und Lösungsstrategien für SAP-
Lizenzmanager

Jetzt scannen





Fragen?

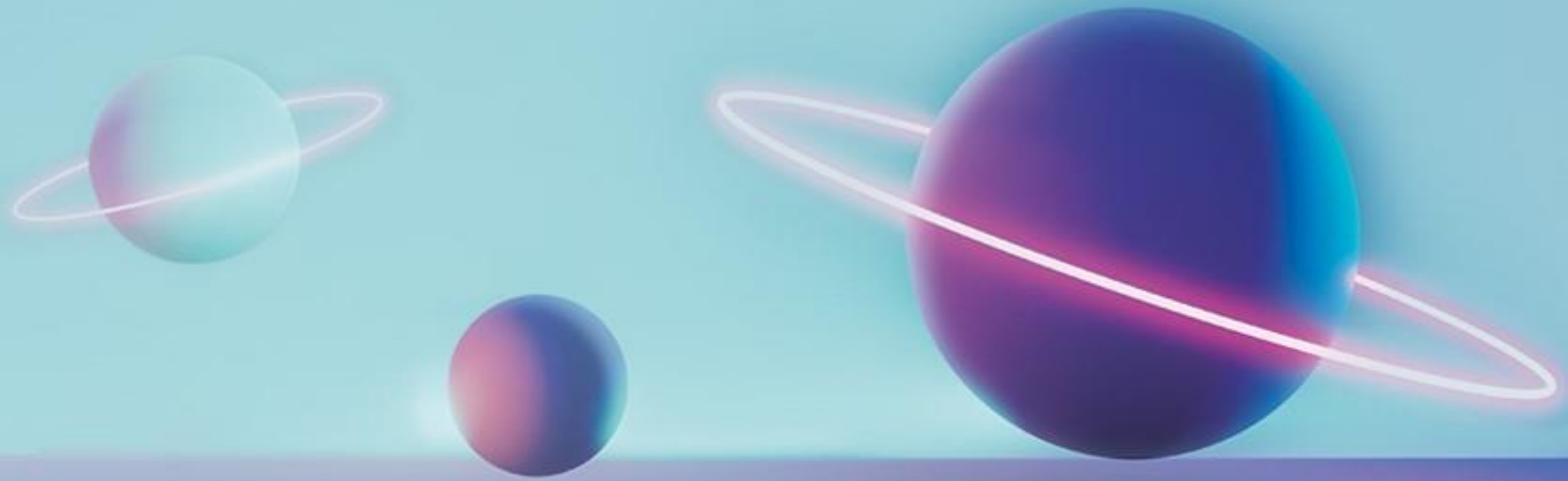


Rechtlich gut gerüstet in die S/4HANA Conversion

Dr. Jana Jentzsch | Rechtsanwältin, JIT Legal

The logo consists of the letters 'USU' in a bold, blue, sans-serif font, centered within a white square.

USU



Kaffeepause & Networking

Wir treffen uns hier um 16:15 Uhr



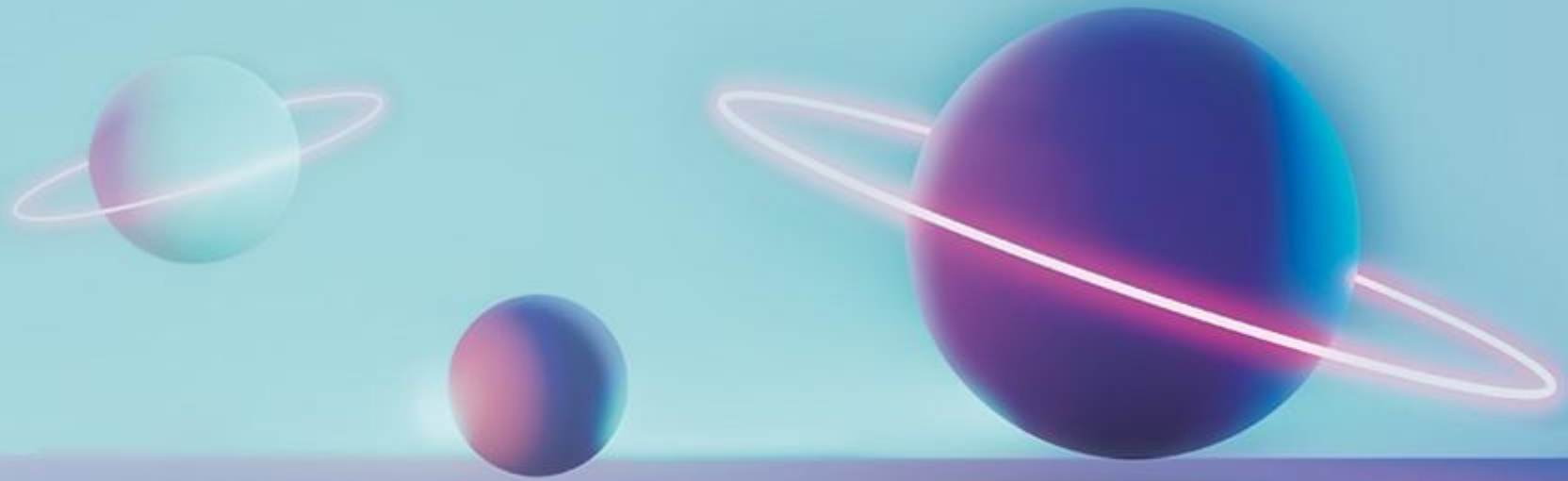
USU

Rise / Grow with SAP®

Lorenz Müller | Principal IT-Management Consulting & SAP Expert, HiSolutions

Wolkig ohne Aussicht auf Fleischbällchen

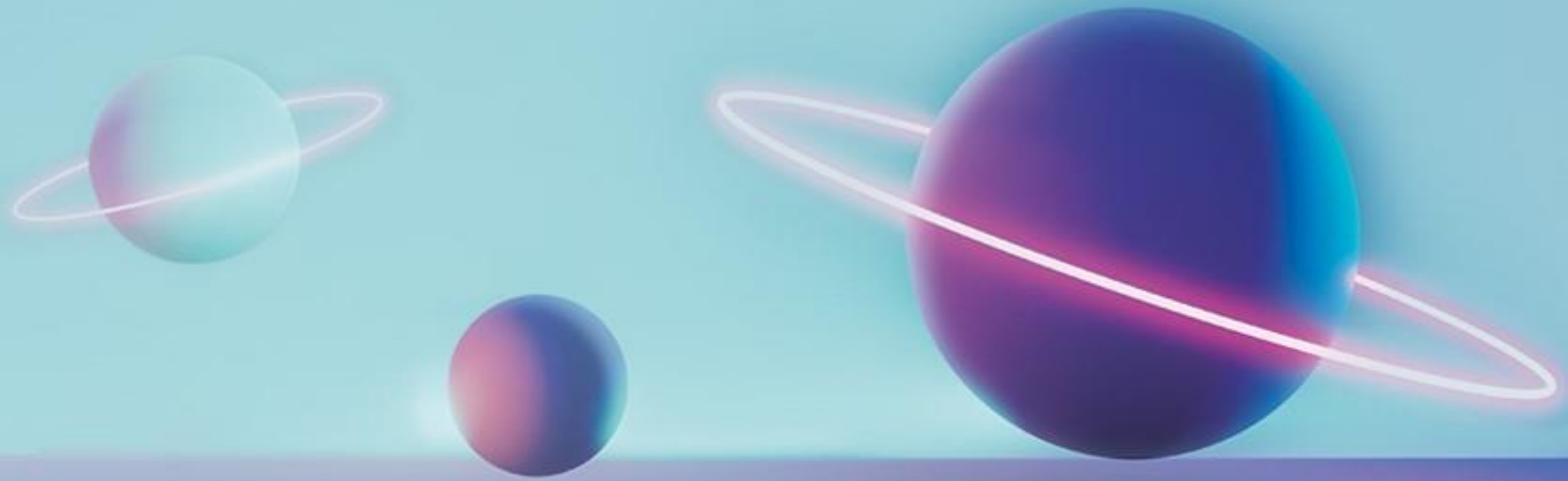
Michael Bloch | SAP Licence Manager, ALDI International Services GmbH & Co. oHG



Abschlussdiskussion

Ihre Themen sind auch unsere...

USU



Los geht's zum Restaurant Übersee!

Bis gleich!