OA4ERP Database Connection and Template Installation on IBM Cloud Pak

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Installation on IBM Cloud Pak

Open URL to your IBM Cloud Pak environment (use Chrome) and Login

In the left menu navigate to "Services" and launch the Terminal ">_"

🖄 PlayGround IBM Clos		¢
A Home	Services	Welcome to IBM Cloud Private For Data Playground Terminal!
Services		
🧠 Feedback	Cicp4d-p-hyre.ibmanalytics.io	scladetb8cz:+#
My Services		
🚢 Profile	CO ICP4Data	
Notifications	The is your ICHO instance that your apps will be deployed to. Installation Successful And EAP EAP data in Cognos Analytics. Installation Successful Installation Su	,

Enter following commands in the terminal to install the needed files.

Download the oa4erp.sh script

<pre>wget https://reporting.rsm-consult.de/icp4d/oa4erp.sh</pre>
Change mode to be executable
chmod 755 *.sh
Execute the script
./oa4erp.sh
The environment of the latest service of the OAAEDD we do not service it to the dealer we not folder

The script will get the latest version of the OA4ERP package and transfer it to the deployments folder on the pod which is currently running the Cognos Contentstore service.

Cognos Analytics Administration

Click on "Launch" from the dropdown of the "ICP4Data" tile within $\$

This will open your "IBM Cloud Private for Data" homepage. Navigate to your "Instances" and open the "cognos-analytics-app" :

≡ 18	M Cloud F	Private for Data				Suchen						
€ E	Eigene	Instanzen										
Umgeb	ungen	Bereitgestellte Instanzen Jobs										
									Instanzen sa	ichen	Q	•
		Name	Тур	Bereitgestellt von	CPU (Cores)	Memory (GB)	Users	Start date				
	۲	cognos-analytics-app	cognos-analytics-app	admin	10	24.39	2	May 28, 201	9			
										Öffr	en	
										Det	ails anzeig	gen
										Zug	riff verwal	iten
										Lös	:hen	

Now open the Administrationskonsole from within Cognos Analytics :

	IBM Cognos Analytic	s		Willkommen 🗸		\bigtriangleup	2	?
♪	Startseite	**	Konten und Kontakte erstellen und verwalten					*
0	Suchen	្តា	Lizenzen Lizenzen verwalten	bei IBM Cognos Analytics Dashboard, einen Bericht oder eine Story.				
-	Eigener Inhalt Teaminhalt		Aktivitäten Aktivitäten verwalten	Kurzübersicht				
Ø	Zuletzt verwendete Projekte	J	Inhalt Inhalte erstellen und verwalten	✓ Einführung				
			Datenserververbindungen Verbindungen erstellen und verwalten	 Übersicht Videos zun 	n Einstieg			
		ŝ	Konfiguration Systemeinstellungen verwalten	··· > Beispieldat	ten			
		ß	Anpassung Motive und Erweiterungen verwalten	> Unterstützu	ung			
		۵	Multi-Tenant-Funktionalität Services mit mehreren Tenants gemeinsam nutzen					
0	Verwalten	~	Gemeinsames Arbeiten Einstellungen für gemeinsames Arbeiten verwalten	legen, Schnellstart öffnen oder navigieren				
+	Neu	2	Administrationskonsole					Ŧ

Import Deployment

Goto "Configuration" tab on top and choose "Inhaltsadministration" on the left.

Click on the 4th icon "New Import" in the top-right menu :

IBM Cognos Administration					abein Abmelden 🔤 🐦 🕢 🕶
Status Sicherheit	Konfiguration	Bibliothek	Multi-Tenant-Funktionalität	Mobiles Gerät	٩
Datenguellenverbindungen	Administration				🖆 📽 🥵 😼 🕸 + 166 + 118 👘 🛤 💻 🔍
🗛 Inhaltsadministration					Einträge:
Hand Verteilerlisten und Kontakte	Name [¢]				Geändert Aktionen
Drucker Drucker					
Stile					
Portlets				Keine Einträge.	
Seatcher und Dienste					
Caching für Abfrageservice	Letzter Aktualisierungszeitpunkt: 19.	Juni 2019 09:45:35			

Select the "OA4ERP" deployment archive, Next>

IBM Cognos Adminis	istration		abein Log Off 💉 🛔 🕶 🕢 🕶							
Status S	Security	Configuration Library Multitenancy Mobile	٩							
Data Source Connection	<u>15</u>	Select a deployment archive - New Import wizard	Help 😣							
🍇 Content Administrati	ion	Select the deployment archive from which to get the entries to import. If the archive is encrypted, you will be prompted to enter the encryption password.								
Distribution Lists and Co	ontacts	Jeployment archive								
Printers		The location of the deployment archive is set using the deployment files location in IBM Cognos Configuration.								
Styles			Entries: 1 - 2 🔘 🛛 🖶 🕨							
Portlets		Name ¢								
Dispatchers and Service	85	 ♥ QA4EP ♥ Samels for Install 11 1 								
Query Service Caching										
		Cancel < Back Next > Finish								

Enter a name (i.e. Import OA4ERP), Next>

Select all content to import, Next>

IBM Cognos A	dministration							abein Log <u>Off</u> 🐓 🛔 🕶	0 -
Status	<u>Security</u>	Configuration	Library	Multitenancy	Mobile				4
Data Source Con	nections	Select the public folders, di	irectory and library	content - New Import	t wizard				Help 🛞
🎭 Content Admir	nistration	Select one or more packages,	folders, directory or li	brary content and select	the options to include in	n the import.			
Distribution Lists	and Contacts	Public folders, directory and	l library content —						
Printers		Change the target name of particular the packages or folde	ackages and folders if	you do not want to over	write them in the targe	t with packages and folders fr	rom the deployment archive.		
Styles		blable the packages of forde	is in you do not mant	users to access them in	and target after the http				Entries: 1 - 2
R Dortlate		✓ …> Name		> Targ	et name		Disable after import	In target conten	nt Modified
Ponets	Constant	Berichte		ZZ Berici	nte 🖉				
Dispatchers and	Services	I U Z./ SAP		Z.Z SAP	/				
Query Service Ca	aching	Options							
		Indude report output ver Conflict resolution: Kep existing entres Replace existing entres Conflict resolution: Kep existing entres Replace existing entres	ies ies Next >	Finish					

Leave general options to default settings, Next>

Review the summary, Next>

IBM Cognos	Administration						abein Log Off 💠 🛓 👻 🕜 🗸
Status	<u>Security</u>	Configuration	Library.	Multitenancy	Mobile		
Data Source C	Connections	Review the summary - New	w Import wizard		_		Help 🛞
🖣 Content Adr	ninistration	The Import wizard is ready to	import into the targe	t environment.			
Distribution Li	sts and Contacts	If you want to change any se	ettings, click Back.				
Printers		If you are satisfied with the	settings and want to :	select whether to run, sch	edule, or save only,	click Next.	
Styles		Deployment specification					
Portlets		Name: Import OA4ERP				Description:	
Dispatchers and	nd Services	Deployment archive					
Page 2 Contract Contr	Caching	Name:					
		Public folders, directory an Name Target An Anne Target Anne	d library content				1 - 2 Disable after import In target content Hodified

Choose "Save and run once" for action, Next>

Leave run options to default "Now" and Run

Enable to view the details, OK

IBM Cognos Administration						abe	in Log Off 💉 🛓 🕶 📀 🕶		
Status Security	Configuration	<u>Library</u>	<u>Multitenancy</u>	Mobile			< Þ		
Data Source Connections	IBM Cognos Software						Help 🛞		
5 Content Administration	You selected to ru	n ' Import OA4ERP ' a	is follows:						
Distribution Lists and Contacts	1 Time: now Report specifical	There into a support overtain a solution. Report specification upyrate: Keep the existing report specification versions Store IDs: Assign new IDs during import							
Printers	Store IDs: Assig								
Styles									
Portlets	View the detail	is of this import after	closing this dialog						
Services Dispatchers and Services	Click OK to run the	import or click Cance	el to return to your selec	tion.					
Query Service Caching	Show this dialog in the fu	ture							
	OK Cancel								

Wait a minute and click "Refresh" in the top-right corner. After the job finished check if all objects were imported without errors :

IBM Cognos	Administration						abein Log Off 😽 🕴	- 0-
Status	<u>Security</u>	Configuration	<u>Library</u>	Multitenancy	Mobile			•
Data Source Co	onnections	View an import deployment	record - Import O	A4ERP				Help 🛞 📤
🎭 Content Adm	inistration	View the details of this particul	ar run.					
Distribution Lis	ts and Contacts	Start time: 19. Juni 2019 09:57:24				Completion time: 19. Juni 2019 09:57:33		
Printers		Status:						
Styles		Succeeded						
Portlets		Messages						
bispatchers an	d Services						Entries: 1 - 1	
Query Service	Caching	Message						Name
		CM-REQ-2300 Import is	complete. 122 objec	(s) were imported. 0 objec	t(s) failed.			
		Deployment archive						
		Name: OA4ERP						

Create Connection

Within Administration choose "Data Source Connections" in the left menu and click on the 1st icon "New Datasource" in the top-right button bar :

IBM Cognos	Administration						abein Log Off 💠 🛔 🗸 🖓 🗸
Status	Security	Configuration	Library.	Multitenancy	Mobile		
Data Source	Connections	Verzeichnis > Cognos					👔 🗙 🗐 🥸
Content Admir	istration						Entries: - 🔘 🛛 🖉
Bistribution List	sts and Contacts	🔲 🗘 Name 🕈					Modified Actions
Printers							
Styles							
Portlets						No entries.	
Section 2015 Dispatchers and	nd Services						
Part of the service o	Caching	Last refresh time: 19. Juni 2019 09:59	37				

Specify "sap" as Name (using exactly this name is important), enter Description optionally, Next>

IBM Cognos A	dministration					abein Lo <u>g Off</u> 🗳 🛔 🕶 🖓 🕶
<u>Status</u>	<u>Security</u>	Configuration	<u>Library</u>	Multitenancy	Mobile	4
🔋 Data Source C	onnections	Specify a name and descrip	tion - New Data So	urce wizard		Help 🛞
Gontent Adminis	tration	Specify a name and location fo	r this entry. You can	also specify a description a	ind screen tip.	
Distribution Lists	and Contacts	Name:				
Printers		sap				
Styles		Description:				
A Destinte		connection to histor				
Portets						
bispatchers and	Services					
Query Service C	aching	Screen tip:				
		Location: Verzeichnis > Cognos				
		Cancel < Back	Next >	Finish		

Choose Type "IBM Db2" from dropdown, check "Configure JDBC Connection" to be enabled, Next>

IBM Cognos Administration		abein Log Off 💉 🛔 🗸 🖓 🗸
Status Security	Configuration Library Multitenancy Mobile	
Data Source Connections	Specify the connection - New Data Source wizard	Help 🛞
Content Administration	Specify the parameters for the connection of this new data source. The name of the data source is used to set the name of the connection.	
Distribution Lists and Contacts	Type: TRM Db2	
Printers		
Styles	Isolation level:	
Portlets	Specify a value:	
Dispatchers and Services	Cursor stability	
Query Service Caching	Configure JDBC connection	
	Cancel < Back Next > Finish	

On the lower part in section "Signon" enter your User-ID and Password for the login, Next>

Signon
Select whether or not authentication is needed, and if so, the type of authentication to use, whether a password is required and whether to create a signon.
No authentication
An external namespace:
OIDC JWT (Active) *
Transform user identifier
Signons
Password
🗹 Create a signon that the Everyone group can use:
User ID:
dbuser
Password:
•
Confirm password:
••
Testing
Test the connection
Cancel < Back Next > Finish

Enter Server, Port and Database for JDBC connection and "Test the connection..."

IBM Cognos Administration								abein <u>Lo</u>	<u>g Off</u> 🗳 🛔 ·	- 0 -	
Status Security	Configuration	<u>Library</u>	Multitenancy	Mobile						•	• •
1 Data Source Connections	Specify the IBM Db2 (JDBC) connection string	- New Data Source wiz	ard						Help 😢	۲
Content Administration	Edit the parameters to build a	DB2 (driver: com.ibm	.db2.jcc.DB2Driver) conne	ction string.							_
Distribution Lists and Contacts	Server name:										
Printers	your.server.com										
Styles	50000										
Portlets	Database name:										
Dispatchers and Services	Services JDBC Connection Parameters: thing These optional parameters are appended to the URL and are specific to the driver.										
Query Service Caching											
Local Sort Options											
	Collation Sequence:										
	Lough										
	Primary T										
	Testing										
	Test the connection										
	Cancel < Back	Next >	Finish								

In the end the results should have Status "Succeeded" like this, then Close the Testresults

IBM Cognos Administration abein Log Off 🔷 🛔 🕶 🕢 🕶									
<u>Status</u>	<u>Security</u>	Configuration	<u>Library</u>	Multitenancy	Mobile		٩		
Data Source	Connections	View the results - Test the o	onnection				Help 🛞		
Content Admin	istration ts and Contacts	> Name	Type / Query	Mode Status	Message	haseProductName: "DB2/LINEXY8664"			
Printers				, pynamie Succeaca	XQE DD 0010 gelbala				
Styles		Close							
Portlets									
bispatchers an	d Services								
Part Service	Caching								

After "Finish" you have the connection available like this :

IBM Cognos A	dministration					abein L <u>og Off</u> 💠 🛓 + 🔞 +
Status	Security	Configuration	<u>Library</u>	<u>Multitenancy</u>	Mobile	
Data Source Connections		Verzeichnis > Cognos				💕 🗙 👼 🔍
Gontent Administration						Entries: 1 - 1 🔘 🖂 🖓 🕨
Distribution Lists and Contacts		□ ◇ Name ◇				Modified [¢] Actions
Printers		🔲 📋 sap				19. Juni 2019 10:08:14 🔲 More
Styles		Last refresh time: 19. Juni 2019 10:08	:16			
Portlets						
Services						
Puery Service Caching						

Finish

Your users can start the reporting tools of CA in the cloud accessing the data on premise.