



NEWS IN IFS MOBILE EXPERIENCE



IFS CLOUD – 21R1



NEWS IN IFS MOBILE EXPERIENCE

OVERVIEW

CONFIGURING IFS AURENA NATIVE

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CONFIGURING IFS AURENA NATIVE

OVERVIEW



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CONFIGURING IFS AURENA NATIVE

OVERVIEW

BACKGROUND

- IFS Aurena Native is the mobile App extension of IFS Aurena
- Built for Android, iOS and Windows platforms
- The Apps are delivered through the platform specific App stores

CONCEPT

- Standard development model for Aurena and Aurena Native making it simple to develop and support
- Aurena Native shares standard configuration tools with Aurena making it consistent to tailor
 - Page Designer, Projection Configurations, etc

BUSINESS VALUE

- No requirement for platform specific knowledge or skills to configure IFS Aurena Native Apps
- Making it fast to adopt, simple to tailor, easy to use IFS Aurena Native Apps

CONFIGURING IFS AURENA NATIVE

DATA CONFIGURATION



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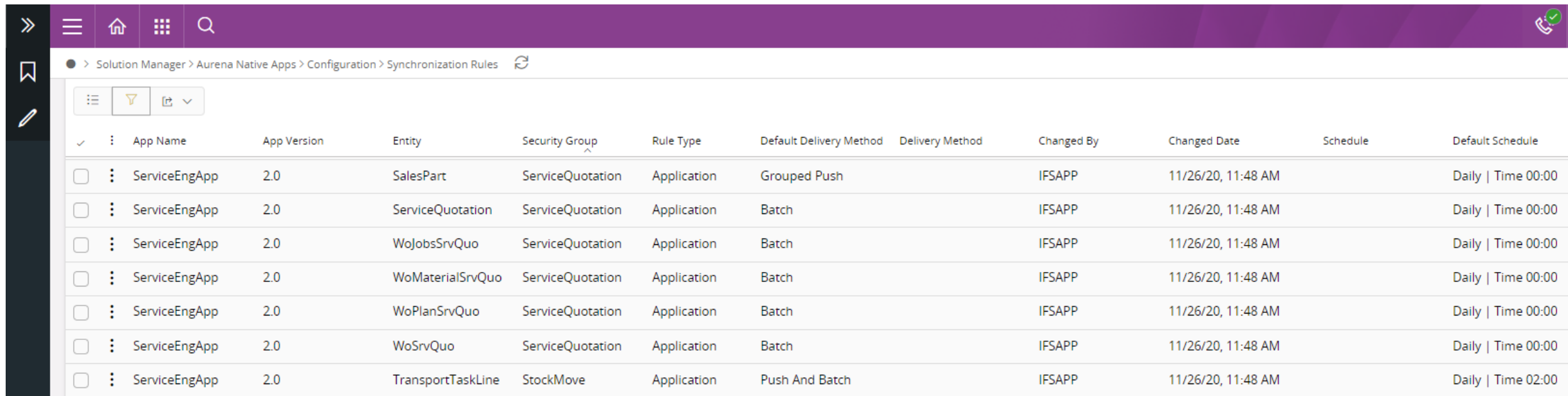
DATA CONFIGURATION

SYNCHRONIZATION RULES

DATA CONFIGURATION

SYNCHRONIZATION RULES

- All Aurena Native Apps are built with a set of rules that govern how the data is synchronized with the App
 - They govern how the data is synchronized and on what frequency
 - These rules can be flexed to better suit the data needs of the customer



✓	:	App Name	App Version	Entity	Security Group	Rule Type	Default Delivery Method	Delivery Method	Changed By	Changed Date	Schedule	Default Schedule
<input type="checkbox"/>	:	ServiceEngApp	2.0	SalesPart	ServiceQuotation	Application	Grouped Push		IFSAPP	11/26/20, 11:48 AM		Daily Time 00:00
<input type="checkbox"/>	:	ServiceEngApp	2.0	ServiceQuotation	ServiceQuotation	Application	Batch		IFSAPP	11/26/20, 11:48 AM		Daily Time 00:00
<input type="checkbox"/>	:	ServiceEngApp	2.0	WoJobsSrvQuo	ServiceQuotation	Application	Batch		IFSAPP	11/26/20, 11:48 AM		Daily Time 00:00
<input type="checkbox"/>	:	ServiceEngApp	2.0	WoMaterialSrvQuo	ServiceQuotation	Application	Batch		IFSAPP	11/26/20, 11:48 AM		Daily Time 00:00
<input type="checkbox"/>	:	ServiceEngApp	2.0	WoPlanSrvQuo	ServiceQuotation	Application	Batch		IFSAPP	11/26/20, 11:48 AM		Daily Time 00:00
<input type="checkbox"/>	:	ServiceEngApp	2.0	WoSrvQuo	ServiceQuotation	Application	Batch		IFSAPP	11/26/20, 11:48 AM		Daily Time 00:00
<input type="checkbox"/>	:	ServiceEngApp	2.0	TransportTaskLine	StockMove	Application	Push And Batch		IFSAPP	11/26/20, 11:48 AM		Daily Time 02:00



DATA CONFIGURATION

ENTITY FILTERS

DATA CONFIGURATION

ENTITY FILTERS

- Entity Filters are used to add custom data restrictions to the data that is synchronized
- Once an Entity Filters is created it needs to be connected to a Permission Set to affect the mobile user
- Entity Filters are similar to Permission Set Filters in Apps 10

DATA CONFIGURATION

ENTITY FILTER EXAMPLE

- Create Entity Filter for the App and Entity
- Use App Details to find the Aurena Native App to create the filter for
- Use By Entity tab to see the attributes of the Entity that can be used to build the Where Statement of the Filter

» > Solution Manager > Aurena Native Apps > Administration > Security Grants and Entity Filters > App Details

Details for ServiceEngApp 2 1 of 1

»

ENTITY FILTERS **BY ENTITY** SECURITY GRANTS SECURITY GRANT FILTERS

Entity: WorkType

Columns

⋮ ⋮ ⋮

⋮ Attribute Name

⋮ DESCRIPTION

⋮ WORK_TYPE_CATEGORY

⋮ WORK_TYPE_ID

Entity Filters

⋮ ⋮ ⋮ + ✎

✓	⋮	Filter Name	Definition	Where Statement
<input type="checkbox"/>	⋮	Limit Work Types	Limit Work Types for MWO Service App	WORK_TYPE_ID in ('11','12')

DATA CONFIGURATION

ENTITY FILTER EXAMPLE

- Entity Filters can also be created directly in App Details > Entity Filters tab

The screenshot shows the IFS Solution Manager interface. The breadcrumb trail is: Solution Manager > Aurena Native Apps > Administration > Security Grants and Entity Filters > App Details. The page title is 'Details for ServiceEngApp 2' (1 of 1). The 'ENTITY FILTERS' tab is active, showing a table of filters.

	Filter Name	Definition	Entity	Where Statement
<input checked="" type="checkbox"/>	Limit Priorities	Limit Maintenance Priorities for MWO Service App	ServiceEngApp 2.MaintenancePriority	PRIORITY_ID in ('1','2','3','4','5','6')
<input type="checkbox"/>	Limit Work Types	Limit Work Types for MWO Service App	ServiceEngApp 2.WorkType	WORK_TYPE_ID in ('11','12')

DATA CONFIGURATION

ENTITY FILTER EXAMPLE

- Connect Entity Filter to Permission Set

The screenshot displays the IFS Solution Manager interface. The breadcrumb trail at the top reads: Solution Manager > Aurena Native Apps > Administration > Security Grants and Entity Filters > Security Grant Filters by Entity Filter. The left sidebar contains a 'Sort by' dropdown and two filter categories: 'Limit Priorities' (with a truncated description) and 'Limit Work Types' (with the description 'Entity: ServiceEngApp 2.WorkType Limit Work Types for MWO Service App'). The main content area is titled 'Security Grants using Limit Work Types'. Below the title are buttons for list view, filter, and a dropdown menu, followed by 'Add', 'Add All', and 'Remove All' buttons. A table lists the configured security grants:

		Permission Set	Description	Security Group	App Name
<input checked="" type="checkbox"/>	:	MOBILE_SECURITY	Gives access to Aurena Native Apps to n	BasicData	ServiceEngApp 2



DATA CONFIGURATION

CUSTOM ATTRIBUTE

DATA CONFIGURATION

CUSTOM ATTRIBUTE

- Custom Attributes for Aurena Native Apps must be created in the same way as created for Aurena
- The additional step is Adding and Publishing the Custom Attribute to Entity Details
- Note some restrictions exists for Custom Attributes which are documented in the Release Notes

The screenshot displays the IFS Solution Manager interface. The main window is titled 'Entity Details' for 'ServiceEngApp 2.0 JtTask'. On the left, a list of entities is shown, including 'ServiceEngApp' with various versions and entities like 'JtTask', 'JtTaskAddress', 'JtTaskClocking', 'JtTaskClockingReport', 'JtTaskDependency', 'JtTaskOfflineQuery', and 'JtTaskReturn'. The main area shows the 'Entity Details' configuration, including fields for App Name, Entity, View Name, Query Statement, Transaction Group, and Push Synchronization. A modal window titled 'Add Custom Attributes' is open, showing a table with one row: 'CF\$_RW_TEXT' with 'Text' data type. The modal has 'OK' and 'Cancel' buttons. At the bottom of the main window, there is a table titled 'ATTRIBUTES' with columns: Attribute Name, Table Column Name, Datatype, Is Key, Custom Attribute, Owned By Client, Sql Expression, Boolean True Value, Boolean False Value, and Published. The table contains one row: 'CF\$_RW_TEXT' with 'CF\$_RW_TEXT' as the Table Column Name, 'Text' as the Datatype, 'No' for Is Key, 'Yes' for Custom Attribute, 'No' for Owned By Client, and 'No' for Published.

Attribute Name	Table Column Name	Datatype	Is Key	Custom Attribute	Owned By Client	Sql Expression	Boolean True Value	Boolean False Value	Published
CF\$_RW_TEXT	CF\$_RW_TEXT	Text	No	Yes	No				No



DATA CONFIGURATION

CUSTOM ENTITY

DATA CONFIGURATION

CUSTOM ENTITY

- Custom Entities for Aurena Native Apps must be created in the same way as created for Aurena
- In Addition to customizing the Aurena Native projections with a custom entity a Sync Policy must be added

The screenshot shows the 'Projection Configuration' page in the IFS Solution Manager. The breadcrumb trail is 'Solution Manager > Configuration > Projection Configurations > Projection Configuration'. The page title is 'Projection Configuration' with a dropdown for 'ServiceEngApp' and '1 of 1' configurations. Action buttons include 'New', 'Publish', 'View Application Packages', and 'Add to Package'. The 'General' section shows 'Projection Name' as 'ServiceEngApp', 'Based On' as 'Standard Projection', 'Synchronized' as 'No', and 'Published Date' as '11/26/20, 12:58 PM'. The 'Entities' section has a table with one entry: 'JtTaskAdditionalInfo - JT 1'. The 'Add Sync Policy' button is highlighted with a red rectangle. The 'Entity Associations' section shows an association between 'JtTask' and 'JtTaskAdditionalInfo'.

Entity	Configured Entity	Entity Set	Operations Allowed	Configuration Approved	Configuration Published
JtTaskAdditionalInfo - JT 1	JtTaskAdditionalInfo	JtTaskAdditionalInfoSet	(4) Read; Create; Update; ...	<input checked="" type="checkbox"/>	No

Association Name	Parent Entity	Child Entity	Association Approved	Association Published
TaskSeq	JtTask	JtTaskAdditionalInfo	Yes	No

DATA CONFIGURATION

CUSTOM ENTITY

- Adding the Sync Policy to the Projection Configuration will result in creating a new Synchronization Rule for the Aurena Native App

×

Add Sync Policy - JtTaskAdditionalInfo

Sync Policy Information

Sync Policy

Push

Sync Group

Transaction Group

Schedule

Options

☒ Daily

☐ Weekly

☐ Monthly

☐ Every

☐ On Change

Time

12:00 AM

OK

Cancel

» > Solution Manager > Aurena Native Apps > Configuration > Synchronization Rules

Synchronization Rules

	App Name	App Version	Entity	Security Group	Rule Type	Default Delivery Method	Delivery Method	Changed By	Changed Date	Schedule	Default Schedule
<input type="checkbox"/>	ServiceEngApp	2.0	JtTaskAdditionalInfo	ServiceEngApp	Application	Push And Batch		IFSAPP	11/26/20, 1:00 PM	Daily Time 00:00	

CONFIGURING IFS AURENA NATIVE

PAGE CONFIGURATION



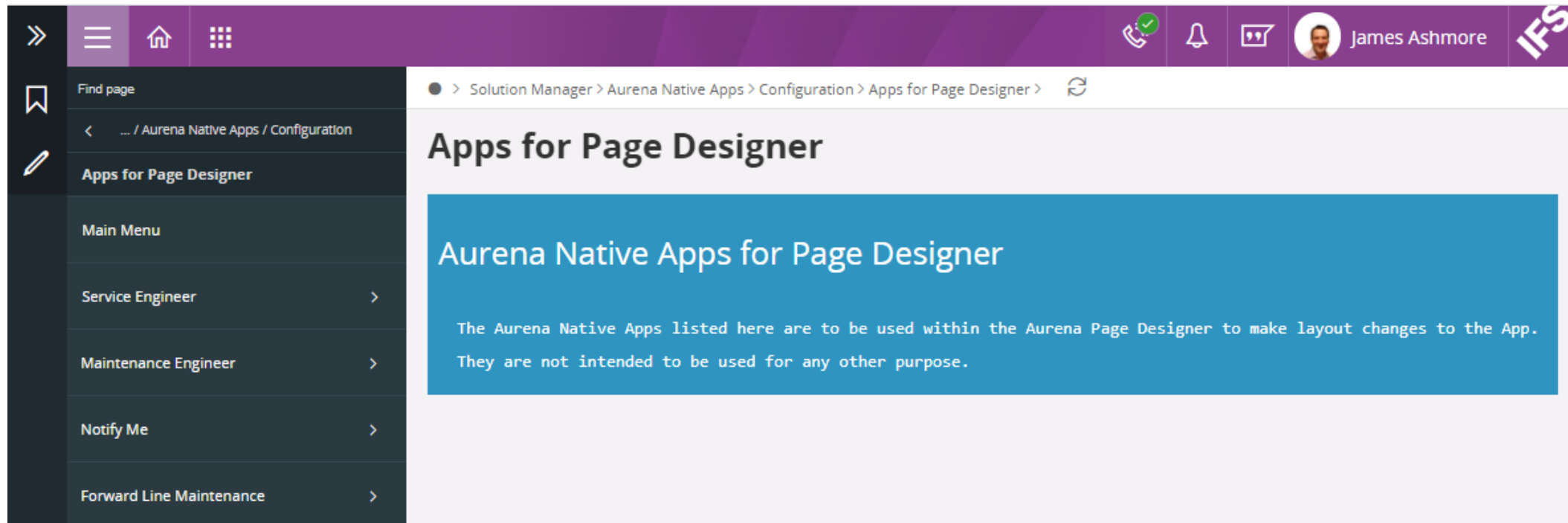
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PAGE CONFIGURATION

PAGE DESIGNER

- The Aurena Native App pages are configured using the Aurena Page Designer
- To navigate to the Aurena Native App pages in Aurena a navigator node has been created specifically for customizing these pages





#forthechallengers