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Agenda

- Solution Updates - SAP Integrated Business Planning 1702 (Released)
- Documentation Updates / Innovation Discovery
- Upgrade and Migration
- Q&A*

* Q&A chat is open for questions throughout the session with experts online to answer
SAP Integrated Business Planning Suite

Supply Chain Control Tower
“End-to-End Visibility, Monitoring and Alerting”

IBP for Sales & Operations
“Strategic and Tactical Decision Processes“

IBP for Demand
“Demand Sensing and Statistical Forecasting”

IBP for Inventory
“Multi-Stage Inventory Optimization”

IBP for Response
“Allocations Planning and Order Rescheduling”

&

Supply
“Constrained and Unconstrained Supply Planning”

Unified SAP HANA Platform for Cloud Deployment
IBP Excel Add-In 1702.2.0

Anna Linden
Easy navigation capabilities from a planning view to the change history view.

Easy navigation capabilities from the change history effect view to the change history original view.
Folders offer the capability to sort planning views that are stored as templates and favorites as well as to sort master data favorites.

To create a folder, create a planning view and select add or update Favorite / Template. The template folder structure is then also available when creating or editing the planning view.
The cascading filter uses related attributes to restrict the value list in the filter value help.

Offers the possibility to filter attributes based on other attribute filters
Example: An attribute filter in the Master Data Workbook is on a certain Brand. With cascading filters, the user can then set another filter criteria such as Product ID and will be provided with a pre-filtered list of products that are part of the brand from his first filter criteria.
Visual Basic for Applications (VBA) Hooks and new Global Configuration Parameter for the IBP Excel Add-In

You can now use the global configuration parameter ACTIVATE_VBA_HOOKS in parameter group PLAN_VIEW to enable your own Visual Basic scripts that run before simulation, saving and refreshing data in the planning view.

Find more information in the documentation:
https://uacp2.hana.ondemand.com/viewer/08611c4c5a684f5684d8df1499b791f1/1702/en-US/ebe52eba59344247b347cef232b2d1f0.html
Demand Management
Anna Linden
Define 2 additional levels for the assignment of reference products

- The first level is always the product attribute.
- Attributes of the planning area can be chosen for level2 and level3. Attributes that do not make sense are filtered out, like dates, currency, promotion attributes, descriptions or attributes of the product hierarchy.

Detail Screen – History of Reference Products

- Simulate the history that is used by forecasting with the current definition of reference products
- History for each reference product and for the weighted sum over all references is shown
Demand Planning – Further Enhancements

Analyze Promotions app
- New attribute „Promotion Type“ is now available for display.
- Up to five attributes (which are not contained in the SAP6 template) can be added as fields and shown in the app.

Statistical Forecasting / Manage Forecast Models app
- „Given Value“ method is now available for the missing value substitution in the Manage Forecast Models app
Response Management (1)

- The **application job for copy of version data** was enhanced to allow for selective copy of order data.

- Besides the existing OpenAPI versions for full data upload into IBP a new **OpenAPI version to upload only transactional data** into IBP is provided (1702.0.0_TRANS).

- Integration and display of **custom attributes**

- **Locking for RM planning run** is now done on a level “location materials belonging to the same supply chain (aka supply chain graph)”.  

- **Adjust product allocation level:** If response management planning level has been invalidated (e.g. by changes in the IBP configuration, RM settings) planning run will not process product allocations anymore (error message is raised).
Rule for Demand Prioritization:

- Users are able to delete rules and segments
- Rules and segments can be created/changed simultaneously by multiple users
- Simultaneous execution of response planning and rules maintenance is possible. The system ensures consistency of used rules by a locking mechanism
- Helpful hints for the creation and maintenance of the rules are provided with the note: 2338641 – “Rules for Demand Prioritization”
Further Enhancements (2)

Changes in SAP sample Planning Areas SAP74 and SAP7

- SAP74 and SAP7: new attributes are available
- SAP74: new supplier location type for planning with S&OP operators
- SAP74: some attributes were removed

Important Notice for SAP7 copies re-activation:

Please check if your copy of SAP7 includes the external master data type PRODUCTLOCATIONCUSTOMER using the source SMD_SFC.

→ Please read the documentation and Whats New Document carefully:
  https://uacp2.hana.ondemand.com/viewer/08611c4c5a684f5684d8df1499b791f1/1702/en-US/cd3cbe348d00442e9fa3d765259c425d.html
Supply Planning

Claus Bosch
S&OP Optimizer: Production Lead Time

The S&OP Optimizer now supports Production Lead Times for Component offset.

Optimizer uses the same attributes and key figures as S&OP Heuristic to model Production Lead-Times

**Master Data Type : SOURCEPRODUCTION**

**Production Lead Time** (PLEADTIME - Integer) : Specifies the duration of the production lead time as a number of planning periods

**Capacity Consumption Policy** (PCAPACONSPOLICY - Integer): Defines how the capacity consumption is modeled within the production process

**Master Data Type : PRODUCTIONSOURCEITEM**

**Component Offset** (COMPONENTOFFSET) : Specifies an offset for each component that defines the planning period in which the component is consumed by the production process.

Key figure **Component Work in Progress** (COMPONENTWIP) and the corresponding downstream key figure COMPONENTWIPDS to document for each component and each period how many units of a component are released to an ongoing production process.
S&OP Operator: Supplier Location Type

The supplier location type is now available in planning with S&OP operators.

You can use it to model the supplier location as a border of your supply chain network.

Master Data Type : LOCATION

Location Type: (LOCTYPE – NVARCHAR(1)): Enter ‘V’ to model a supplier location as the outer border of the supplier network.

With any other entry, the LOCTYPE is considered as an own/internal location, such as a distribution center or plant.
S&OP Operator: Normalize Ratio Policy

For the NORMALIZE_RATIO_POLICY Parameter the new value PROPORTIONAL is available.

It enables proportional adaption of erroneous quotas. For Example, a customer product has two alternative customer sources with quotas of 40 % and 20%, then the quotas are adapted to 66.67% and 33.3%).
S&OP Operator: Normalize Ratio Zero Handling Policy

- The new parameter NORMALIZE_RATIOS_ZERO_HANDLING_POLICY is available. It defines the handling of zero quotas when normalizing quotas with parameter NORMALIZE_RATIO_POLICY.

- With parameter NORMALIZE_RATIOS_ZERO_HANDLING_POLICY set to INCLUDE_ZEROS (which is the default value) the quotas of sources with value 0 are included at the normalization process.
  - For Example, a customer product has 2 alternative customer sources with 0 % and 20%, then the quota of each source is adapted to 50 % in case EQUAL is used as normalization policy. In case PROPORTIONAL is used the quotas are set to 0 % and 100 % as existing proportions are kept.

- With parameter NORMALIZE_RATIOS_ZERO_HANDLING_POLICY set to EXCLUDE_ZEROS the quotas of sources with value 0 are excluded from the normalization process.
  - For Example, a customer product has 2 alternative customer sources with 0 % and 20%, then the quotas are adapted to 0 % and 100 % in case EQUAL is used as normalization policy. In case PROPORTIONAL is used the quotas are set to 0 % and 100 % as existing proportions are kept.
S&OP Heuristics: Output Key figure ADDITIONALLOTSIZEDEMAND

Additional output Key figure ADDITIONALLOTSIZEDEMAND at Period/Product/Location

This output key figure returns the amount of demand which is added by the heuristic to the net demand as a consequence of the usage of a lot size policy defined for the corresponding location product.

For lot size policy = 0 this key figure returns zero in all buckets.

For lot size policies 1 (Static Periods of Supply), 2 (Dynamic Periods of Supply) and 3 (Periods of Coverage) it returns the amount of additional demand which is caused compared to the net demand.
Further Enhancements

Alexis Lozada
New Data Integration Jobs app to upload data via the WebUI. The new app offers better user experience.
You can now schedule and run the Forecast Error Calculation application job in the Application Jobs app, or from the IBP Excel add-in.

It is no longer possible to run simulations for this job from the IBP Excel add-in.
Further Enhancements (1)

Custom Alerts

- Period to period comparison allows you to create custom alerts that use more than one time attribute at the calculation level.

Identity and access management

- You can now assign users and user groups directly to a visibility filter

Model configuration:

- New Master Data Types app to manage all types of master data types

Model activation:

- Parallel activation of multiple master data types
- Activate the relevant time profile when activating the planning area
Unified Planning Area SAPIBP1
Changes in 1702

- Changes Related to IO Target Service Level based on ABC Segmentation
- Field "Business Meaning" Maintained for Select Attributes
- Changes Related to New or Existing Key Figures
  - UOM conversion for TARGETINVENTORYPOSITION is removed since the key figure is input for inventory optimization algorithm
  - INVENTORYTARGETVIOLATIONCOSTRATE is created to replace INVENTORYTARGETVIOLATIONCSTRTE (the latter is removed)
  - FIXEDCUSTOMERTRANSPORTATIONCOST is created to replace FIXEDCUSTOMERTRANSPORTATIONCOS (the latter is removed)
  - AVERAGESERVICELEVEL, AVERAGESERVICELEVEL, MININTERNALSERVICELEVEL are added for inventory optimization algorithm
  - IOFORECASTERRORORCV: change calculation from 0 to null
  - EXCHANGERATEUOMCONVERSION: Stored flag is unchecked
  - COSTPERUNIT: one calculation is refined

Find more detailed information in the Innovation Discovery: Enhancement to the unified planning area and SAP Best Practices for SAP Integrated Business Planning – release 1702: https://zinnovationdiscovery-supportportal.dispatcher.hana.ondemand.com/#/innovation/6CAE8B26E4CC1ED6BBA82D1B4A4DA0C1
IBP Rapid Deployment Solution
New Scope and Changes in V6.1702

- Technical upgrade to SAP IBP 1702
Documentation Updates

Anna Linden
• Model Configuration Guide
• Migration Guide
• Data Export Guide
• Security Guide
• Application Help
• What's in the IBP Applications?
• Integration Guide for IBP/HCI
• Jam Integration Guide
• Central Notes
Innovation Discovery incl detailed content e.g. for consultants

Link to Innovation Discovery:
https://zinnovationdiscovery-supportportal.dispatcher.hana.ondemand.com/#/innovations/searchid=0090FABF323E1ED6939F322BE038E0CA

- Select an IBP Innovation
- Scroll Down to Product Features
- Open Product Feature
- Find presentations with detailed information, around configuration and usage at the bottom
Roadmap

Link to IBP Roadmap:

New roadmap version will be available soon:

- **V1702** – Recent innovations
- **V1705** – Planned Q2/2017
- **V1708** – Planned Q3/2017
- **V1711** – Planned Q4/2017
Configuration Tips and Trick

- **IBP Model Configuration Guide:**

- **Modelling Use Cases:**
  Note 2347105 - https://launchpad.support.sap.com/#/notes/2347105/E
Changes to SAP Sample Areas in 1702

Generally, you do not need to reactivate your planning areas when you upgrade to 1702.

However, if you want to reactivate a planning area that you have copied from the SAP7 sample planning area, and it includes the PRODUCTLOCATIONCUSTOMER external master data type using the SMD_SFC external data source, please read the Removal of LOCTYPE as Key from SMD_SFC Data Source section carefully, as you have to perform specific steps before the activation.
1702 Upgrade and Migration Discussion

Product & Solution Management
February 23, 2017
IBP Release Timeline

On-Demand

- IBP 6.4 / 1611
- IBP 1702
- IBP 1705
- IBP 1708
- IBP 1711

Note: All future planned releases dates are subject to change.

Upgrade Cadence
- 3.X On Premise: Not Applicable
- 4.X: Not Applicable
- 5.X: Not Applicable
- 6.X: Once a quarter
Upgrade Communications
Where to find information?

Help.sap.com/ibp

Customer Notification
Important Notes, & Date confirmation

Release Notes

Prior to Upgrade

SCN Link to IBP Upgrade Communication Process PPT: IBP Upgrade Planning

For patch releases of the software, SAP produces Release notes and email to communicate the updates and impact.
# Sample Upgrade Communication

## Upgrade NOTIFICATION for Integrated Business Planning applications

### Notification Purpose
As part of SAP's continued commitment to provide you with high value applications, we will be upgrading SAP Integrated Business Planning system.

For more information on the new features please see What's New in Release.

Attend the "What's New" webinar.

Release Restrictions Note 2374574.

### When
**Upgrade Window:** **<Friday Date> 10 PM Local Time (EST/CET)** to **<Monday Date> 3 AM Local Time (EST/CET)**

Expect your systems to be unavailable during this period.

This is consistent with the contracted maintenance windows.

### Important Information

#### Activation of Planning Area:
- Generally, you do not need to reactivate your planning areas when you upgrade.
- For additional activation guidance, please review the application help. If you have an issue please file a support ticket.

#### Excel add-in:
- The upgrade generally does not require that you install the new version of the IBP Excel add-in. You can decide to install the new version at any time, for example, when you wish to use the new features that are available with the new add-in version. For more information, see What's New in Release.
- Customers can download and install the latest Excel add-in version on the support portal. For more information about restrictions related to the IBP Excel add-in, please check SAP Note 2374883.
- To apply the latest version of the Excel add-in, please uninstall your current Excel add-in and re-install the new Integrated Business Planning Excel add-in. For more information on how to install the Excel add-in see Setting Up the IBP Excel Add-In (Administrators), and Setting Up the IBP Excel Add-In (End Users).
- For guidance on packaging and deploying the Excel add-in to end users, please see SAP Note 7114654.
- For supported configurations and prerequisites, please see SAP Note 7135948.

#### Activities by end-user after the upgrade:
- End-users need to clear their browser cache.
- SAP recommends that customers delete old transports after every upgrade.

### Questions? Who you should contact
For scheduling, please contact david.kahn@sap.com or your development support contact.

For application and technical support, please use standard SAP support (support.sap.com).

### Systems to be upgraded

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Cloud and IBP SLA’s

**SERVICE LEVEL AGREEMENT FOR SAP CLOUD SERVICES (“SLA”)**

1. **Service Level Agreement**
   This Service Level Agreement for SAP Cloud Services sets forth the System Availability SLA for the productive version of the applicable SAP Cloud Services to which customer has subscribed (“Cloud Services”) in an Order Form with SAP.
   This Service Level Agreement for SAP Cloud Services shall not apply to any SAP Cloud Service for which a System Availability service level is explicitly set forth in the applicable Supplemental Terms and Conditions for such SAP Cloud Service or for which the applicability of service levels is explicitly excluded in the Agreement.

**SAP Integrated Business Planning**

<table>
<thead>
<tr>
<th>Regular Maintenance Windows</th>
<th>Maintenance Windows</th>
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<tbody>
<tr>
<td></td>
<td>Every Saturday from 23:00 to Sunday 03:00 Local Time.</td>
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| Major Upgrades             | Friday 10:00 p.m. to Monday 3:00 a.m. Local Time once per quarter. |

| Minor Upgrades             | Sunday 2:00 a.m. to 2:00 p.m. Local Time once per quarter. |
Adopting IBP 6.x

John Lopus – SAP Integrated Business Planning Customer Office
IBP Version 6 Migration Update - Highlights

- Migration tool available for both 4.0 and 5.0 systems
  - Moves to the most current version (now 1702)
- Delays due to DC capacity largely alleviated in December
- Completion targeted by Q1 2017
- Few customer migrations still to be started
- Contact SAP for a migration slot
  - email john.lopus@sap.com

Migration Status

September 2016

Migration Status

Not Started: 37%
In Planning: 17%
Planned: 14%
In Progress: 13%
Complete: 13%

February 2017
SAP Integrated Business Planning Migration to 6.x Reference Information
http://scn.sap.com/docs/DOC-71507

<table>
<thead>
<tr>
<th>Subject</th>
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<th>Slides and Recording</th>
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| SAP Integrated Business Planning 6.1: What's New | - 6.1 Solution Update  
- 6.1 Rollout & Upgrade Approach Overview  
- Documentation Updates | Presentation  
Recording |
| SAP Integrated Business Planning 6.1: Customer Rollout | - 6.1 Rollout and Upgrade Approach  
- Q&A | Presentation  
Recording |
- 6.1 User Management  
- Demo | Presentation  
Recording |

- Migrating Guide for IBP 4.0/5.0 to 6.0 and above - Migration Guide
- User Management - SAP Cloud Integration | Help | Webinar Recording | Slides | FAQ
- IBP 1702 Help - Help
Thank you

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