SAP Integrated Business Planning – Performance Monitoring

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Agenda

- System Monitoring Overview
- Resource Consumption
  - CPU and HANA Memory Consumption
  - Monitor System Tasks
- Job Scheduling Statistics
- IBP Excel Add-In \ User Log-In Statistics
- Time Series Statistics
- Planning Object Statistics
- Q&A
System Monitoring
System Monitoring Overview

- IBP System Administrator can monitor the performance of the SAP IBP tenant
- Provides information about key indicators
- Key Features
  - Resource Consumption
  - Job Scheduling Statistics
  - Session Statistics for IBP Excel Add-In
  - User Log-In Statistics for IBP Excel Add-In
  - Times Series Statistics
  - Planning Object Statistics
  - Monitor System Tasks
System Monitoring Overview
Resource Consumption
Resource Consumption

- Resource consumption app helps IBP system administrator to monitor IBP tenant’s resource consumption patterns
- Provides Max Hana Memory Usage and Max CPU Usage information
- Shows data for last 90 days
- Lowest granularity – 1 min
- External OData service is available to extract data - /IBP/RES_CONS_STATS_API_SRV (communication scenario SAP_COM_0068)
Resource Consumption
Monitor System Tasks
Monitor System Tasks

- **Monitor System Tasks App:**
  - Helps in analyzing the processes that caused resource consumption peak
  - Assists in identifying the top offender processes
  - Monitors the processes in real-time
  - Shows data for last 7 days

- **For each process**
  - HANA Max Memory
  - Max Memory %
  - Total HANA CPU time
  - User ID
  - Log Handle

- **External OData Service** is available to extract data - /IBP/TASKMON_EXT_SRV (communication scenario SAP_COM_0068)
Job Scheduling Statistics
Job Scheduling Statistics

- This App shows
  - Number of jobs scheduled in last 14 days
  - Number of jobs schedule per day / hour
  - Number of jobs schedule per job template
IBP Excel Add-In \ User Log-In Statistics
Sessions Statistics for IBP Excel Add-In

- User can view data based on
  - Number of sessions per week
  - Number of sessions per day
  - Number of sessions per Excel Add-In Version

- Shows data for last 4 weeks
User Login Statistics for IBP Excel Add-In

- User Log-In details
  - User Name
  - Email
  - Excel Add-In version
  - Excel Add-In patch
  - Planning Area
  - Date

- Email Notification

- Shows data for last 4 weeks

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Dear IBP User,

You are currently using one of the following IBP Excel add-in versions:

1902

In order to utilize the new features, please upgrade to the latest version of the IBP Excel add-in 2005.0.0.

Kind regards,

IBP Administrator
Time Series Statistics
Time Series Statistics

- This app shows
  - Active time series
  - Historical time series
  - Last 4 weeks data

- User can view data based on
  - Week
  - Day
  - Planning Area
  - Planning Area – Version
Planning Object Statistics
Planning Object Statistics

- This app shows the number of planning object records in the IBP system.
- Unique number of planning object records based on root attribute objects of planning levels.
- User can view data based on:
  - Week
  - Day
  - Planning area
  - Planning Area - version
  - Planning level
- Data is collected at daily level and retained in the system for 4 weeks.
Resources

System Monitoring
Monitor System Tasks

OData Services
SAP_API_Hub_Task_Monitor
SAP_API_Hub_Resource_Consumption

Data_Life_Cycle_Management
Thank you.

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