

APPLICATION SETUP – PLAN TO SCHEDULE

PT. Campina Ice Cream Industry



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SYSADMIN: Security Profiles in SOURCE instance

(N) System Administrator > Profiles > System

CMP Implementation Process: Setup Profile	Business Area: Planning	Date:
Control Number: ASCP-2015	Priority(H, M, L): H - High	Process Owner: IT

Deskripsi: Tahapan ini untuk menetapkan *System Profiles*. *Save* transaksi setelah *update value*

Area	Profile	Site	Responsibility	User
HR	HR: Security Profile	Setup Business Group		
HR	HR: Business Group	Campina Business Group		
HR	HR: User Type		HR User	
GL	GL Ledger Name		Responsibility CMP: PT. CAMPINA LEDGER	
MO	MO: Default Operating Unit		Responsibility CMP: PT. Campina Ice Cream Industry	
MO	MO: Security Profile	Setup Business Group		

SYSADMIN: System Profiles in SOURCE instance

(N) System Administrator > Profiles > System

System Profile Values

CMP Implementation Process: Setup Profile	Business Area: Planning	Date:
Control Number: ASCP-2015	Priority(H, M, L): H - High	Process Owner: IT

Deskripsi: Tahapan ini untuk menetapkan *System Profiles*. *Save* transaksi setelah *update value*.

Perhatian : Gunakan *default setting* untuk *profile MRP* lainnya yang tidak tercantum pada daftar di bawah ini.

Area	Profile	Site
BOM	BOM: Hour UOM	HR
GMP	GMP:Auto Implement APS Suggestions	Yes
GMP	GMP: APS Installation Level	3
MRP	MRP: Calculate Plan Performance	Yes
MRP	MRP: Calculate Supply Demand	No
MRP	MRP: Category Set for Backlog Form	
MRP	MRP: Compute Standard Mandatory Components for ATO Models	
MRP	MRP: Cutoff History Days	
MRP	MRP: Explode Demand Through Phantom Component	Yes
MRP	MRP: Firm Internal Req Transferred to OE	Yes
MRP	MRP: Ignore Alternate BOM/Routing	No
MRP	MRP: Net All Purchase Orders Prior To Requisitions	
MRP	MRP: Old Sales Orders Cutoff Days	3000
MRP	MRP: Plan Revenue Discount Percent	
MRP	MRP: Plan Revenue Price List	
MRP	MRP: Planning Manager Run First Time	No
MRP	MRP: RHX Check Profile	250299
MRP	MRP: Round Source Entries	
MRP	MRP: Use Alternate SQL for Daily Cleanup	
MRP	MRP: Use Progress Bar for Backlog Workbench	Yes
MRP	MRP:ATP Assignment Set	
MRP	MRP:ATP Database Link	
MRP	MRP:Backlog Progress Timeout	10
MRP	MRP:Compute Sales Order Changes	Yes

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Area	Profile	Site
MRP	MRP:Consume Fcst Set Summary	Yes
MRP	MRP:Consume Forecast	No
MRP	MRP:Consume MDS	Yes
MRP	MRP:Consume MPS	No
MRP	MRP:Create Time fence	Yes
MRP	MRP:Cutoff Date Offset Months	18
MRP	MRP:Debug Mode	No
MRP	MRP:Default Criteria Set	Not found in oracle (6-Jan-12)
MRP	MRP:Default DRP Plan Name	
MRP	MRP:Default Forecast Date	Yes
MRP	MRP:Default Forecast Name	
MRP	MRP:Default Plan Name	
MRP	MRP:Default Schedule Name	
MRP	MRP:Default Sourcing Assignment Set	
MRP	MRP:Demand Time Fence Days	
MRP	MRP:Environment variable to set path for MRP files	
MRP	MRP:Firm Planned Order Time Fence	Yes
MRP	MRP:Firm Requisitions within time fence	Not found in oracle (6-Jan-12)
MRP	MRP:Include Schd Rcpts in Use-up	Yes
MRP	MRP:Include Substitute Components	
MRP	MRP:Interface Table History Days	
MRP	MRP:MPS Relief Direction	Backward, then forward
MRP	MRP:Maintain Original Schedule Version	Yes
MRP	MRP:Perform Planning Manager Functions in Loads	
MRP	MRP:Planning Manager Batch Size	Not found in oracle (6-Jan-12)
MRP	MRP:Planning Manager Max Workers	6
MRP	MRP:Purchasing By Revision	No
MRP	MRP:Purge Batch Size	75000
MRP	MRP:Requisition Load Group Option	
MRP	MRP:Retain Dates Within Calendar Boundary	Yes
MRP	MRP:Snapshot Pause for Lock (Minutes)	5
MRP	MRP:Snapshot Workers	0
MRP	MRP:Sourcing Rule Category Set	Inventory
MRP	MRP:Time Fence Warning	Yes
MRP	MRP:Trace Mode	No
MRP	MRP:Use Direct Load Option	No
MRP	MRP:Use Ship Arrived Flag	

SYSADMIN: System Profiles in PLANNING instance

(N) System Administrator > Profiles > System

System Profile Values

CMP Implementation Process: Setup Profile	Business Area: Planning	Date:
Control Number: ASCP-2015	Priority(H, M, L): H – High	Process Owner: IT

Deskripsi: Tahapan ini untuk menetapkan *System Profiles*. *Save* transaksi setelah *update value*.

Perhatian : Gunakan *default setting* untuk *profile MSO* lainnya yang tidak tercantum pada daftar di bawah ini.

Area	Profile	Site
MSO	MSO: LP Markowitz Coefficient	Null
MSO	MSO: Simplex Perturbation Constant	Null
MSO	MSO: Simplex Feasibility Tolerance	Null
	Concurrent:Sequential Requests	No
MSO	MSO: Allow Partial Demand Completion	None
MSO	MSO: Firm Requisitions Within Time Fence	Yes
MSO	MSO: Firm Work Orders/Operations Within Time Fence	No
MSO	MSO: Floating Point Precision for Order Quantities	100
MSO	MSO: Floating Point Precision for Usage in Routings	Null
MSO	MSO: Lead Time Control	Violate minimum processing times to meet demand due date
MSO	MSO: Use Of Assigned Units In Scheduling	Variable

SYSADMIN: System Profiles in PLANNING instance

(N) System Administrator > Profiles > System

System Profile Values

CMP Implementation Process: Setup Profile	Business Area: Planning	Date:
Control Number: ASCP-2015	Priority(H, M, L): H - High	Process Owner: IT

Deskripsi: Tahapan ini untuk menetapkan *System Profiles*. *Save* transaksi setelah *update value*.

Perhatian : Gunakan *default setting* untuk *profile MSC* lainnya yang tidak tercantum pada daftar di bawah ini.

Area	Profile	Site
MSC	MSC: Share Plan Partitions	Yes
MSC	MSC:Purge Stg Tbl Cntrl → MSC: Purge Staging and Entity Key Translation Tables	Yes
MSC	MSC: 64-bit Planner Platform	Linux 64-bit
MSC	MSC: Released Only By User	No
MSC	MSC: Hour UOM	HR
MSC	MSC: Allow Release of Planned Orders from Demand Schedule Plan	No
MSC	MSC: Category Set for Jobs without an Item Reference	Unspecified Items
MSC	MSC: Category for Jobs without an Item Reference	NEW.MISC
MSC	MSC: Class Hierarchy	Demand Class
MSC	MSC: Collect Item, Material and Resource Costs	
MSC	MSC: Collections Snapshot Threshold	40
MSC	MSC: Consolidate Interplant Demands	By End Pegged Demand
MSC	MSC: Consume Forecast Inside Demand Time Fence	No
MSC	MSC: Consume forecast with no demand class	Within each bucket
MSC	MSC: Demand Satisfied Percent Threshold for Pegging	100.0
MSC	MSC: Display Order Rescheduling Supplies	No
MSC	MSC: ENFORCE CRITERIA REQUIREMENT BEFORE EXECUTING QUERY	Yes
MSC	MSC: Enable Enhanced Sourcing	Yes
MSC	MSC: File Flush Limit	
MSC	MSC: Horizontal Plan Demand Bucketing Preference	Demand Due Date
MSC	MSC: Hour UOM	HR
MSC	MSC: Launch Analyze Plan Partition	Yes
MSC	MSC: MPS Auto-Firm Planned Orders	No
MSC	MSC: Max display decimals for Currency	2
MSC	MSC: Max display decimals for Quantity	2

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Area	Profile	Site
MSC	MSC: Max display decimals for Quantity (aggregates)	0
MSC	MSC: Max display decimals for Ratios/Percentages	2
MSC	MSC: Max display decimals for Time	2
MSC	MSC: Max display decimals for Time (aggregates)	0
MSC	MSC: Maximum number of planned orders per demand	10000
MSC	MSC: Purge Staging and Entity Key Translation Tables	Yes
MSC	MSC: Read Profiles From DB	Yes
MSC	MSC: Refresh Snapshots Pending Timeout	
MSC	MSC: Released Only By User	No
MSC	MSC: Scope of Analyze Plan Partition	All Partitions
MSC	MSC: Share Plan Partitions	Yes
MSC	MSC: Source Setup Required	No
MSC	MSC: Sourcing Rule Category Set	
MSC	MSC: Sourcing Variance Tolerance	0.05
MSC	MSC: Split Planned Order to perform safety stock pegging	No
MSC	MSC: Split Planned Orders for Scheduling Flexibility	Yes
MSC	MSC: Wait Time to Obtain Lock on Table/Partition for Snapshot Delete Worker (in sec)	60
MSC	MSC: Write MBP Flat Files	
MSC	MSC: Prevent Loops when pegging Non-Standard Jobs	Yes
MSC	MSC: PS/SNO API Version	3.8
MSC	MSC: PS/SNO Client Install Path	c:\
MSC	MSC: PS/SNO Compress Xml Files	Yes
MSC	MSC: PS/SNO Data Store Path	/u01/PROD/fs_ne/inst/PROD_erp/logs/appl/conc
MSC	MSC: PS/SNO Debug Mode	No
MSC	MSC: PS/SNO Download XML Files	Yes
MSC	MSC: PS/SNO Past Due Supplies Window	7
MSC	MSC: PS/SNO Use DB for Integration Data	No

SYSADMIN : Gather Schema Statistics

(M) View > Request > Gather Schema Statistics

CMP Implementation Process: Organization Security	Business Area: Planning	Date:
Control Number: ASCP-2015	Priority(H, M, L): H - High	Process Owner: Planning

Description: berfungsi menjaga performa Launch Plan dan Collection

Parameters	
Schema Name	MSC
Estimate Percent	80
Degree	
Backup Flag	NOBACKUP
Report Request ID	
History Mode	LASTRUN
Gather Options	GATHER
Modifications Threshold	
Invalidate Dependent Cursors	Y

Parameters	
Schema Name	MRP
Estimate Percent	80
Degree	
Backup Flag	NOBACKUP
Report Request ID	
History Mode	LASTRUN
Gather Options	GATHER
Modifications Threshold	
Invalidate Dependent Cursors	Y

*Note : Jadwalkan Gather Schema Statistics dengan Estimate Percent 40 agar performa ASCP tetap baik

MRP: Define Planning Parameters in SOURCE instance

(N) Material Planner > Setup > Parameters

MRP Planning Parameters

CMP Implementation Process: Planner Setup	Business Area: Planning	Date:
Control Number: ASCP-2015	Priority(H, M, L): H - High	Process Owner: Planning

Description: Tahapan ini untuk mengizinkan suatu Inventory Organization sebagai Planning Enabled organization.

Snapshot Loc Tables	No	Default ABC Assignment Group	
Execution Defaults			
Demand Time Fence Control	No	Planning Time Fence Control	No
Plan Safety Stock	No	Net WIP	No
Net Purchases	No	Net Reservations	No
Material Scheduling Method	Order Start Date		
Planned Items	Demand schedule items only		
Include MDS Days			
Repetitive Planning Parameters			
Use	Calendar Dates	Anchor Date	01-MAR-2015
First Bucket Days	7	First Horizon	35
Second Bucket Days	14	Second Horizon	56
Third Bucket Days	40		

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MSC: Setup Instance in PLANNING instance

(N) Advance Planning Administrator > Admin > Instances

Instances

CMP Implementation Process: Setup Instance	Business Area: Planning	Date:
Control Number: ASCP-2015	Priority(H, M, L): H – High	Process Owner: Planning, IT

Description: Tahapan ini untuk define Source instances pada Planning instance. Tahapan ini juga dibutuhkan untuk menghubungkan antara between Source dan Planning instance.

Instance Code	Instance Type	Version	From Source to APS	From APS to Source	Enabled Flag	Allow ATP	Staging Instance	Allow Release	GMT Difference	Currency	Assignment Set
CMP	Discrete & Process	12.2			YES	YES	No	YES	+7	IDR	

Setup Instance Organization

Click on (B) Organizations

Organizations						
Instance			CMP			
Org	Description	Type	Enabled	Demand Planning Enabled	Collection Group	
RKT	RUNGKUT - MANUFACTURE - IO	Plant	YES	No	Holistic	

MSC: Run Refresh Collection Snapshot in PLANNING instance

(N) Advanced Supply Chain Planner > (M) View > Requests > Submit a new request > Single Request > Refresh Collection Snapshot

Refresh Collection Snapshot parameters

CMP Implementation Process: Run Refresh Collection Snapshot	Business Area: Planning	Date:
Control Number: ASCP-2015	Priority(H, M, L): H - High	Process Owner: Planning

Description: Tahapan ini untuk running Refresh Collection Snapshot sebagai salah satu tahap preparasi instance sebelum initial Data Collection.

Parameters	
Refresh Mode	FAST
Snapshot Name	ALL SNAPSHOTS
Threshold for Truncating Logs	
Degree	0

Note: Biasanya tahap ini (Refresh Collection Snapshot) dilakukan dua kali.
Running awal akan error. Setelah error, lakukan running satu kali lagi dengan parameter berikut.

Parameters	
Refresh Mode	COMPLETE
Snapshot Name	ALL SNAPSHOTS
Threshold for Truncating Logs	
Degree	0

MSC: Run Data Collection in PLANNING instance

(N) Advanced Planning Administrator > Collections > Oracle Systems > Standard Collection

Data Collection parameters

CMP Implementation Process: Run Data Collection	Business Area: Planning	Date:
Control Number: ASCP-2015	Priority(H, M, L): H – High	Process Owner: Planning

Description: Tahap ini untuk menjalankan Data Collection process sebagai salah satu tahapan preparasi instanc. Initial Data Collection process harus dijalankan melalui responsibility Advanced Supply Chain Planning Administrator. Data Collection terdiri dari 2 proses, yaitu Planning Data Pull dan Planning ODS Load.

IMPORTANT: Data collection ini merupakan bagian dari initial setup.

Planning Data Pull parameters	
Instance	CMP
Collection Group	All
Number of Workers	2
Timeout (Minutes)	180
Purge Previously Collected Data	Yes
Collection Method	Complete Refresh
Analyze Staging Tables	No
Approved Supplier Lists (Supplier Capacities)	Yes, replace all values
ATP Rules	Yes
Bills of Materials/ Routings/Resources	Yes

Planning Data Pull parameters	
Bill of Resources	Yes
Calendars	Yes
Demand Classes	Yes
End Item Substitutions	Yes
Forecasts	Yes
Items	Yes
Key Performance Indicator Targets	Yes
Master Demand Schedules	Yes
Master Production Schedules	Yes
On Hand	Yes
Planning Parameters	Yes
Planners	Yes
PO Receipts	Yes
Projects/Tasks	Yes
Purchase Orders/Purchase Requisitions	Yes
Reservations	Yes
Resources Availability	Collect Existing Data
Safety Stock	Yes
Sales Orders	Yes
Sourcing History	Yes

Planning Data Pull parameters	
Sourcing Rules	Yes
Subinventories	Yes
Supplier Responses	Yes
Suppliers/Customers/Orgs	Yes
Transportation Details	Yes
Unit Numbers	Yes
Unit of Measure	Yes
Use Company Association*	Create Users and Enable User Company Association
User Supplies and Demands	Yes
Work in Process	Yes

* NOTE pada Use Company Association: Secara default value = 'No'. Ubah value ke 'Create Users and Enable User Company Association' untuk initial data collection yang menggunakan Complete Refresh method.

Planning ODS Load parameters	
Instance	CMP
Timeout (Minutes)	180
Number of Workers	3
Recalculate Sourcing History	Yes
Purge Sourcing History	No
Refreshed Collected Data in APCC Repository	No

Data Collection after initial setup. Data collection dilakukan secara *scheduled*, yaitu pada setiap pukul 07.00 setiap harinya dengan parameter Purge Previously Collected Data di set : **No**. Apabila parameter ini di-set ke No, maka seluruh parameter collection akan di-set menjadi No juga. Metode collection ini disebut *Targeted Refresh Collection Method*

Planning Data Pull parameters	
Instance	CMP
Collection Group	All
Number of Workers	2
Timeout (Minutes)	180
Purge Previously Collected Data	No
Collection Method	Targeted Refresh
Analyze Staging Tables	No
Approved Supplier Lists (Supplier Capacities)	No
ATP Rules	No
Bills of Materials/ Routings/Resources	Yes
Bill of Resources	Yes
Calendars	Yes
Demand Classes	Yes
End Item Substitutions	No
Forecasts	Yes
Items	Yes
Key Performance Indicator Targets	No

Planning Data Pull parameters	
Master Demand Schedules	No
Master Production Schedules	No
On Hand	Yes
Planning Parameters	Yes
Planners	Yes
PO Receipts	Yes
Projects/Tasks	No
Purchase Orders/Purchase Requisitions	Yes
Reservations	Yes
Resources Availability	Collect Existing Data
Safety Stock	Yes
Sales Orders	No
Sourcing History	No
Sourcing Rules	No
Subinventories	Yes
Supplier Responses	No
Suppliers/Customers/Orgs	No
Transportation Details	No
Unit Numbers	No
Unit of Measure	Yes

Planning Data Pull parameters	
Use Company Association*	No
User Supplies and Demands	No
Work in Process	Yes
Sales Channel	No
Fiscal Calendar	No
Internal Repair Orders	No
External Repair Orders	No
Payback Demand/Supply	No
Currency Conversion	No
Delivery Details	No
Install base under Contracts	No
Notes (Attachments)	No
EAM	No

Planning ODS Load parameters	
Instance	CMP
Timeout (Minutes)	180
Number of Workers	3
Recalculate Sourcing History	Yes
Purge Sourcing History	No
Refreshed Collected Data in APCC Repository	No

MSC: Define Organization Security for PLANNING Responsibility

(N) Advanced Planning Administrator > Admin > Organization Security

CMP Implementation Process: Organization Security Access	Business Area: Planning	Date:
Control Number: ASCP-2015	Priority(H, M, L): H - High	Process Owner: Planning

Description: berfungsi untuk membatasi akses suatu responsibility planning ke IO tertentu.

Note: Assign IO untuk masing-masing responsibility planning dapat dilihat pada security matrix.



CMP - SYS Plan To
Schedule - Security_M

MSC: Define Planning Parameters in PLANNING instance

(N) Advanced Supply Chain Planner > Setup > Parameters

MSC Planning Parameters

CMP Implementation Process: Planner Setup	Business Area: Planning	Date:
Control Number: ASCP-2015	Priority(H, M, L): H - High	Process Owner: Planning

Description: Tahap ini digunakan untuk mengizinkan Organization sebagai Planning Enabled organization pada Planning instance.

		Default ABC Assignment Group	
Execution Defaults			
Demand Time Fence Control	No	Planning Time Fence Control	No
Plan Safety Stock	No	Net WIP	No
Net Purchases	Yes	Net Reservations	Yes
Material Scheduling Method	Order Start Date	Include Past Due Forecast	
Planned Items	Demand & Supply Schedule Items	OSFM Network Scheduling Method	Primary
Include MDS Days			
Repetitive Planning Parameters			
Use	Calendar Dates	Anchor Date	13-APR-2015
First Bucket Days	7	First Horizon	35
Second Bucket Days	14	Second Horizon	56
Third Bucket Days	40		

MSC: Define Planning Parameters in PLANNING instance

(N) Advanced Planning Administrator > (M) View > Request > Submit New Request > Create ATP Partitions

CMP Implementation Process: Create Initial Partitions	Business Area: Planning	Date:
Control Number: ASCP-2015	Priority(H, M, L): H - High	Process Owner: Planning

Description: Tahap ini dilakukan sebagai salah satu tahapan preparasi untuk penyimpanan plan ASCP. Concurrent request ini akan membuat 5 partisi default

*Note: Tidak ada parameter untuk concurrent request ini

MSC: Setup Preferences

(N) ASCP% > Supply Chain Plan> Workbench > (M)Tools > Preferences

CMP Implementation Process: Setup User Preference	Business Area: Planning	Date:
Control Number: ASCP-2015	Priority(H, M, L): H - High	Process Owner: IT

Description: Preference digunakan untuk mengatur preferensi user terhadap tampilan workbench, status Work in Process, dan grouping Purchase Requisition

***IMPORTANT:** Preference harus diatur untuk setiap login user

Tabulasi **Other**

Supply /Demand		General	
Release Phantoms		Category Set	Planning Category
Release Configurations		Snapshot Start	*terisi otomatis dengan tanggal terakhir Launch Plan ASCP
Firm Work Orders	YES	Plan Start	*terisi otomatis dengan tanggal terakhir Launch Plan ASCP
Include Sales Orders		View Recommendations for (Days from Today):	1
Release VMI Items	YES	Default Plan	
Work Order Status	Unreleased	Auto Execute Query	
Work Order Class		Default Tab	Plan
Req Group By	All	Default View By	Actions
Pegging Defaults		Retain Find Criteria	YES
Show Operations and Resources	YES	Block Zero Res. Requirements	YES
Show Dependant Demands	YES	Expand All Actions	
Show Item Description in Pegging	YES	Show Grouping Separator	YES
Show Zero Safety Stock Demands	YES	Enable Rapid Planning Simulations	

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Open and Closed Issues for this Deliverable

Open Issues

ID	Issue	Resolution	Responsibility	Target Date	Impact Date

Closed Issues

ID	Issue	Resolution	Responsibility	Target Date	Impact Date