

Exam MB-330 All Actual Questions(2025/10/23)

Question #1

Topic 13

Introductory Info

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study -

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

Background -

Adventure Works Cycles is high-end bicycle manufacturer in North America. The company sells 40 standard models as well as 100 limited - edition models per year to boutique retailers domestically.

Adventure Works has had the most success with the limited - edition bicycles. These bicycles have high margins, high demand, and a strong following with the younger generation biking community.

Current environment -

Technology -

During a recent global pandemic, the sales of bicycles increased enormously. To support this growth, Adventure Works is going to invest in Dynamics 365 Supply Chain Management to standardize and streamline operations. Operations are currently managed with a custom enterprise resource planning (ERP) system and Microsoft Excel worksheets that address ERP product gaps.

Many processes are still maintained in Excel worksheets and then loaded into the ERP application.

Adventure Works wants to implement only those Dynamics 365 features that are areas of future investment for Microsoft, even if it means they implement fewer features.

Bicycles -

Bicycle models can either be standard or made in a limited - edition release.

Bicycles are built based on a single item number that can have different sizes and frame styles. The sizes are XS, S, M, L, and XL. The frame styles are Male, Female, and Unisex.

The size and frame style combinations have different prices and barcodes.

All other bicycle properties are informational only.

Information-only properties do not have standardization or validation, which makes it easy to mistype data during product entry and difficult to identify mistakes.

Some limited - edition bicycles are not properly marked as limited edition in the current product management system due to the yes/no key indicator defaulting to no. This causes significant issues with item search and reporting on the different bicycle models.

Limited - edition bicycles -

The most recent limited - edition models include integrated face mask holders and extra storage containers welded to the bicycle frame.

The bicycles are restricted to one purchase per retailer per week.

The bicycles are announced on social media and are available for sale to retailers on the same day they are announced.

Customers can buy the bicycles at retailers shortly after they are announced.

The bicycles are sometimes available only through charity auctions.

Sales -

Due to the global pandemic, it is difficult to keep products in stock. Retailers are buying as much inventory as possible each week.

Retailers email their sales to Adventure Works. The sales team in charge of each retailer manually enters the information into a shared Excel worksheet.

Retailers are required to submit one consolidated sales order by Wednesday every week so that the Adventure Works fulfillment team can organize and adjust sales order quantities based on availability.

Retailers are invoiced every three to five weeks. Adventure Works uses a manual process for invoicing. The increased volume of purchases makes it difficult to keep up with invoicing.

To accommodate the demand for the Adventure Works limited - edition bicycles, the sales team enters orders for these items for fulfillment as soon as they appear on the SKU list.

Retailers can sometimes bypass Adventure Works order restriction policy. When this happens, it creates additional work for the fulfillment team.

Outbound -

Finished bicycles are assigned a unique code to identify and track each bicycle.

Each bicycle that is picked for an outbound order is transferred to a quality control bench where it undergoes a 21 - point mechanical inspection.

Bicycles that pass the mechanical inspection have their unique bicycle identification number recorded in the completed inspection list. The number is also recorded in the shipping manifest for customers to be able to verify that the bicycle that was tested is the one that they received.

If a bicycle does not pass the mechanical inspection, the bicycle is moved to a quarantine location and another bicycle is picked and tested as a replacement for the order.

Inventory -

Replenishment is simple but manual. It is currently all handled in Excel.

Every bicycle part for each standard model has a line in an Excel worksheet.

Adventure Works wants each storage space in the warehouse to be filled to capacity with the current products.

The team knows how many bill of materials (BOM) items can fit in the spaces without overflowing.

BOM items that make up the bicycles have different storage capacities.

Adventure Works uses Excel worksheets to make decisions about planned orders by period based on the supply and demand for finished bicycles.

Wheels -

There are four types of wheels for all the bicycle models.

Customers often order a spare tire.

Wheels sometimes just disappear from the warehouse storage.

Adventure Works purchases wheels from only one manufacturer.

Master planning -

There is no formal master planning process.

Replenishment activities occur weekly.

Requirements -

Bicycles -

All BOM items used the manufacturing process must be configured as unique products in Dynamics 365 Supply Chain Management.

The following manufactured bicycles' properties must be configured in Dynamics 365 Supply Chain Management:

*

Size: XS, S, M, L, XL -

*

Frame style: Men, Women, Unisex -

*

Limited edition: [Blank], No, Yes

*

Year: 2010-2020 -

*

Manufacturer's note: Free form text up to 250 characters

*

Rear suspension travel: 130 millimeters, 150 millimeters

*

Full suspension: No, Yes -

Sales -

Limited - edition bicycles must be systematically restricted to one bicycle per sales order. Overrides must not be allowed.

Retailers must automatically be invoiced once a month in a consolidated invoice for all delivered sales orders.

Limited - edition model bicycles must not be allowed for inclusion on sales orders until the bicycles' official release date.

Outbound -

A bicycle's unique identification number must systematically be created as part of the standardized business process.

Bicycles must be pulled from a bin location in a First In, First Out (FIFO) inventory model and moved to a packing station.

Inventory -

Overflow of any bicycle parts in the warehouse must be prevented, except for wheels.

System - generated recommendations to adjust Adventure Works' on - hand stock of wheels based on historical trends must be provided.

BOM items must be replenished before they run out. There must always be quantity available on - hand.

The system must maintain all inventory requirements through automated processes.

Master planning (MRP)

The tool that replaces the Excel worksheet must be able to show the supply and demand for the product family of finished bicycles and BOMs by period in a single screen. This single form screen will also be used for general supply and demand inquiry only and not require intensive processing tasks. Inquiries to this form may result in non - system decisions and not with creating any planned orders.

The tool must allow for the creation of new planned production, sales, purchase, and transfer orders.

The MRP solution must have the best performance possible and allow for planned orders to be run in the middle of the day. Planned orders that will not be firmed must not be changed. Adventure Works wants to be able to reference the planned orders later against any manual orders created until they feel more comfortable with the system.

Once Adventure Works is comfortable with the numbers that the system recommends, Adventure Works wants to implement a mechanism to fully automate the generation of orders.

Question

You need to enable the automatic firming of planned orders from the master planning solution.

Where do you enable the functionality?

- A. Lifecycle Services
- B. Master planning parameters **Most Voted**
- C. Feature management workspace
- D. On the released item

Correct Answer: C

Reference:

<https://docs.microsoft.com/en-us/dynamics365/supply-chain/master-planning/planning-optimization/planned-order-firming>

Community vote distribution



Comments

mondays 1 year, 1 month ago

As of Version 10.0.29 is is on and mandatory. Prior to this it was switched on or off via Feature management.. So C is correct <https://learn.microsoft.com/en-us/dynamics365/supply-chain/master-planning/planning-optimization/planned-order-firming>
upvoted 1 times

mondays 1 year, 1 month ago

I mean C was correct - now it is B
"Grouping and marking options for auto-firming take their values from the Standard update tab on the Master planning parameters page"
upvoted 3 times

75a0975 5 months, 4 weeks ago

As of Supply Chain Management version 10.0.21, this feature is turned on by default. As of Supply Chain Management 10.0.25, this feature is mandatory and can't be turned off. If you're running a version older than 10.0.25, then you can turn this functionality on or off by going to Feature management and searching for the Parallel firming of planned orders feature. <https://learn.microsoft.com/en-us/dynamics365/supply-chain/master-planning/planning-optimization/planned-order-firming>
upvoted 1 times

Saeidkajolah 2 years, 5 months ago

Selected Answer: C

C is correct

upvoted 1 times

Przemok 2 years, 10 months ago

The question is how to do it from master planning solution not planning optimization. So from master planning solution we should use time fences in days for firming defined on maste plan parameters. I would choose B

upvoted 2 times

globeearth 1 week, 2 days ago

Agreed

upvoted 1 times

Saeidkajkolah 2 years, 5 months ago

Before that we have to enable auto firming in feature management. If the question was asking for manual firming then your reasoning would be correct. C is correct

upvoted 1 times

SefaK 2 years, 12 months ago

answer is true

upvoted 1 times

COrdasi 3 years ago

Before Auto-firm planned orders feature can be used with Planning Optimization, the Auto-firming for Planning Optimization feature must be turned on in your system. I think it is why the answer of this question is correct.

upvoted 2 times

David92400 3 years ago

Selected Answer: B

Why it would not be Master planning parameters ?

I say B

upvoted 1 times

Saeidkajkolah 2 years, 5 months ago

Because auto firming is not enabled by default. It needs to be enabled in feature management first

upvoted 1 times

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Question #2

Topic 13

HOTSPOT -

You need to configure the solution to replace the Excel spreadsheet.

Which feature should you use for each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Requirement

Feature

Select the appropriate screen

	▼
Supply schedule form	
Load Planning Workbench	
Planned orders form	

Configure the appropriate feature

	▼
Period templates	
Coverage groups	
Mobile workspaces	
Planning optimization	

Correct Answer:

Answer Area

Requirement

Feature

Select the appropriate screen

	▼
Supply schedule form	
Load Planning Workbench	
Planned orders form	

Configure the appropriate feature

	▼
Period templates	
Coverage groups	
Mobile workspaces	
Planning optimization	

Reference:

<https://dynamicsunplugged.wordpress.com/2019/12/23/why-you-need-to-start-using-the-supply-schedule-in-msdyn365fo-msdyn365scm-now/>

Comments

Elyse0814 11 months ago

Answers are correct. Period Template is the 2nd field on the supply schedule form.

upvoted 1 times

H_Incandenza 1 year, 4 months ago

To me, there's nothing that screams "period templates." Like, if we're using the supply schedule form, the second answer just as soon could have been item allocation keys.

The second answer could just as well be planning optimization. It's very vaguely worded, but I wouldn't call "period templates" a feature.

upvoted 2 times

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Question #3

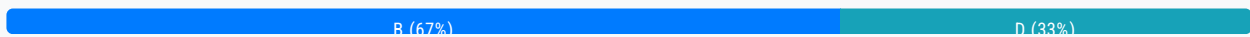
Topic 13

You need to recommend a process for planned orders that will not be firmed.
What should you recommend?

- A. Change the status to Unprocessed
- B. Set the planned order to Completed **Most Voted**
- C. Delete the planned order
- D. Change the status to Approved
- E. Remove the planned order from selection

Correct Answer: B

Community vote distribution



Comments

globeearth 5 months, 3 weeks ago

Selected Answer: B

B. Set the planned order to Completed. - Changing the status to "Completed" (e.g., via Planned orders > Maintain > Change status) marks the order as finalized without firming it into an actual order.

Why not D. Change the status to Approved ? -> - Setting the status to "Approved" indicates the planned order is ready for firming or further action.

upvoted 1 times

IlseKH 10 months, 2 weeks ago

Selected Answer: D

i would say approved, because completed is treated like unprocessed and will be deleted in the next MRP run, so you cannot compare any manual orders against it..

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/master-planning/planning-optimization/approved-planned-order#view-and-edit-the-status-of-planned-orders>

upvoted 2 times

6caf793 1 year, 1 month ago

Correct answer is B!

In the planned orders form, if you hover over the status see: Completed – planned purchase or works orders that you have processed but have not approved for firming.

upvoted 1 times

Kev_Sharp 1 year, 6 months ago

Selected Answer: B

The intention is to not firm the orders.

"If you decide not to firm a planned order, you can give it a status of Completed."

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/master-planning/maintain-planned-orders#planned-order-status>

upvoted 3 times

David92400 3 years, 6 months ago

So good answer is D.

upvoted 2 times

E_tech07 3 years, 7 months ago

Yes, it should be Approved and not completed.

If you decide not to firm a planned order, you can give it a status of Completed.

If you want to firm a planned order, you can change the status to Approved. Planned orders with Approved status are respected by master planning, so they are not modified or deleted during a later master planning run. To achieve this, the planning logic copies the Approved planned orders from the old plan version to the new plan version during master planning.

upvoted 2 times

Saeidkajkolah 2 years, 11 months ago

The case says it won't be firmed so Completed is correct.

upvoted 2 times

AntoonvM 3 years, 7 months ago

if you do not want a planned order to be firmed it can be set on completed and that means it is rejected. Approved is one step toward firming.

upvoted 3 times

Calvin_Zhou 3 years, 8 months ago

Should be D? Status with Approved cannot be changed.

upvoted 3 times

Saeidkajkolah 2 years, 11 months ago

C. Approve means it is firmed. The company won't firm.

upvoted 2 times

Saeidkajkolah 2 years, 11 months ago

Sorry. I meant B; completed

upvoted 2 times

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Question #4

Topic 13

You need to identify all potential gaps in the master planning solution for Adventure Works' implementation. What should you do?

- A. Read the release notes and master planning entries in the Microsoft Ideas portal.
- B. Finish relevant material requirements planning system configurations and data imports and run a fit analysis. **Most Voted**
- C. Identify the gaps through the known issues in Lifecycle Services.
- D. Upload all task recordings for MRP business processes into Azure DevOps for analysis.

Correct Answer: B

Reference:

<https://docs.microsoft.com/en-us/dynamics365/supply-chain/master-planning/planning-optimization/planning-optimization-fit-analysis>

Community vote distribution

B (100%)

Comments

globeearth 5 months, 2 weeks ago

Selected Answer: B

Planning Optimization fit analysis helps you identify where the result might differ between the deprecated master planning engine and Planning Optimization. The system runs this analysis based on your current setup and data.

upvoted 1 times

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Question #5

Topic 13

HOTSPOT -

You need to implement business processes to address concerns about the wheel inventory.

Which features should you use? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Action

Feature

Increase the on-hand stock of wheels

	▼
Safety stock journal	
Min/Max coverage code	
Requirement coverage code	
Inventory adjustment journal	

Set to adjust to the updated levels

	▼
Maximum key	
Minimum key	
New minimum quantity	
Min/Max values	

Correct Answer:

Answer Area

Action

Feature

Increase the on-hand stock of wheels

	▼
Safety stock journal	
Min/Max coverage code	
Requirement coverage code	

Inventory adjustment journal

Set to adjust to the updated levels

	▼
Maximum key	
Minimum key	
New minimum quantity	
Min/Max values	

Reference:

<https://docs.microsoft.com/en-us/dynamics365/supply-chain/master-planning/safety-stock-replenishment>

Comments

H_Incandenza Highly Voted 1 year, 4 months ago

Low confidence on this answer, but:

Based on "system generated recommendations to adjust on hand stock of wheels based on historical trends must be provided," I would choose safety stock journal and new minimum. That's the only way that the system will output a recommendation, AFAIK.

Note that, to use and post a SS journal, you don't need a pre-existing coverage group assigned, AFAICT.

Please let me know if I'm wrong in the above.

upvoted 6 times

TPST 1 year, 1 month ago

Based on doc: <https://learn.microsoft.com/en-us/dynamics365/supply-chain/master-planning/safety-stock-journal>. We can choose Q1: safety stock journal and Q2: New minimum quantity

upvoted 2 times

Elyse0814 Most Recent 11 months ago

While I do feel like it could be accomplished by using either safety stock or Min/Max, I think the question is looking for safety stock and new minimum key. Directly from the following:

Safety stock journals are used to calculate a proposed minimum quantity based on an item's historical usage, either for min/max purposes or for inventory plan purposes.

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/master-planning/safety-stock-journal>

upvoted 1 times

Elyse0814 11 months ago

Safety Stock and minimum quantity was my first guess. I feel like there are multiple ways to accomplish any given thing. I have already taken the test once and there are questions that specify there are more than one correct answer. I feel its possible this could be an example of something like that.

upvoted 1 times

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Question #6

Topic 13

HOTSPOT -

You need to configure the replenishment of the bicycle parts.

Which configurations should you use? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Requirement

Configuration

Replenishment configuration

	▼
Period	
Per requirement	
Min/Max	
Manual	

Location for configuration

	▼
Coverage groups	
Released products	
Coverage plan by dimension	
Master planning setup wizard	

Answer Area

Requirement

Configuration

Replenishment configuration

	▼
Period	
Per requirement	
Min/Max	
Manual	

Correct Answer:

Location for configuration

▼
Coverage groups
Released products
Coverage plan by dimension
Master planning setup wizard

Reference:

<https://docs.microsoft.com/en-us/dynamics365/supply-chain/master-planning/planning-optimization/replenishment-methods-quantity-modification>

Comments

TPST 1 year, 1 month ago

Min / Max; Coverage Group.

we can link a coverage group to a product specific to a site, warehouse, or product dimension

upvoted 3 times

H_Incandenza 1 year, 4 months ago

Min / Max; Coverage Group.

The first question asks, "what configuration?" The second question asks "where is the configuration."

Regardless of how you answer the first question, the second question- "where?" is always "Coverage Group" or "item coverage. That's because the value of all four answers to the first question are just coverage codes, all of which are found on the coverage group or the item coverage.

If you wanted to quibble, you could say that "released products" could also work, as you can set the replenishment configuration at the item, not the coverage group. However, even still I would think "item coverage" is a more accurate answer than "released product," but "item coverage is not listed.

upvoted 4 times

Bukhari 1 year, 8 months ago

Coverage plan by dimension: This configuration allows you to set up replenishment plans based on specific dimensions, such as location or warehouse. Second option should be Coverage plan by dimension

upvoted 4 times

globeearth 5 months, 3 weeks ago

Agreed

upvoted 1 times

Deetss 1 year, 7 months ago

Coverage plan by dimension is correct: <https://learn.microsoft.com/en-us/dynamics365/supply-chain/master-planning/coverage-settings>

upvoted 2 times

cordaxi 2 years, 9 months ago

Q2: coverage group

upvoted 4 times

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Question #7

Topic 13

HOTSPOT -

You need to implement the master planning solution for Adventure Works.

Which solutions should you use? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Action

Solution

Select the correct solution

	▼
Master planning	
Planning optimization	
Demand planning	
Demand forecasting	

Implement the solution

	▼
Lifecycle Services	
Feature management workspace	
Microsoft AppSource	
Azure DevOps	

Answer Area

Action

Solution

Select the correct solution

	▼
Master planning	
Planning optimization	
Demand planning	

Correct Answer: