

# Practice Exam Questions



## SAP S/4HANA Project Systems



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# **SAP**

## **Exam C\_TS412\_2021**

**SAP Certified Application Associate - SAP S/4HANA Project  
Systems**

Version: 4.0

**[ Total Questions: 110 ]**

**Question No : 1**

A customer needs to analyze the capacity requirements of their network activities. Which reports do you recommend? Note: There are 2 correct answers to this question

- A. Resource reports
- B. Cost element reports
- C. Structure information system reports
- D. Hierarchical reports

**Answer: A,D**

**Explanation:**

Resource reports and hierarchical reports are some of the possible reports that you can use to analyze the capacity requirements of your network activities. Resource reports display capacity requirements and availability for work centers or resources over a period of time. Hierarchical reports display capacity requirements and availability for work centers or resources in a hierarchical structure, such as plant, MRP controller, or work center group. Reference: <https://help.sap.com/doc/0f069b2e08b748f1b480d4c8b46c3c49/100/en-US/6a7a9f0a6e421014e10000000a174cb4.html>

**Question No : 2**

For which objects can billing plans be created? Note: There are 2 correct answers to this question

- A. WBS elements
- B. Project definition
- C. Sales order items
- D. Milestones

**Answer: A,C**

**Explanation:** Billing plans can be created for WBS elements and sales order items. Billing plans are used to define billing dates and billing amounts for periodic or milestone billing. WBS elements can be assigned to billing plans if they are assigned to a sales document item or if they have a billing element indicator set. Sales order items can be assigned to billing plans if they have a relevant item category and billing relevance.

Reference: <https://help.sap.com/doc/0f069b2e08b748f1b480d4c8b46c3c49/100/en-US/6a7a9f0a6e421014e10000000a174cb4.html>

**Question No : 3**

What business transactions can be used with Project-Oriented Procurement (ProMan)?

Note: There are 3 correct answers to this question

- A. Confirm production order
- B. Stock transfer posting
- C. Generate purchase requisition
- D. Generate delivery
- E. Cancel goods issue

**Answer: B,C,E**

**Explanation:** Project-Oriented Procurement (ProMan) supports various business transactions that are related to project procurement. Some of these transactions are:

- ✍ Stock transfer posting: You can use this transaction to transfer project stock from one storage location to another within the same plant or between different plants.
- ✍ Generate purchase requisition: You can use this transaction to create a purchase requisition for a material or service that is required for a project.
- ✍ Cancel goods issue: You can use this transaction to reverse a goods issue posting for a material that was issued from project stock. Reference:  
[https://help.sap.com/saphelp\\_erp60\\_sp/helpdata/EN/8e/8bc95360267214e1000000a174cb4/frameset.htm](https://help.sap.com/saphelp_erp60_sp/helpdata/EN/8e/8bc95360267214e1000000a174cb4/frameset.htm)

**Question No : 4**

Your customer wants to use requirements grouping in SAP Project System. What are the prerequisites for requirements grouping of materials? Note: There are 2 correct answers to this question

- A. The materials must allow sales order or project stock
- B. The exact lot size procedure must be used
- C. The procurement type of the material must be internal
- D. An MRP group must be assigned

**Answer: A,D**

**Explanation:**

Requirements grouping of materials is a process that allows you to plan and procure materials jointly for several WBS elements within a project or across projects. To use requirements grouping of materials, the materials must allow sales order or project stock, which means they must have a special procurement type of E or Q in the material master. An MRP group must also be assigned to the materials, which defines the parameters for material requirements planning, such as lot size and planning strategy.

Reference:[https://help.sap.com/doc/78f5c353b677b44ce10000000a174cb4/700\\_SF20%20006/en-US/0814c353b677b44ce10000000a174cb4.html](https://help.sap.com/doc/78f5c353b677b44ce10000000a174cb4/700_SF20%20006/en-US/0814c353b677b44ce10000000a174cb4.html)

#### Question No : 5

You used hierarchical revenue planning to plan revenues for WBS elements manually. The cost element report for planned revenues does not show any revenues at all. What is the reason for this?

- A. The manual hierarchical revenue planning will be displayed only if expert mode is activated
- B. The manual hierarchical revenue planning has no reference to cost elements
- C. Cost element reports can display costs but not revenues
- D. Cost element reports display integrated planning only

#### Answer: B

**Explanation:** The reason why the cost element report for planned revenues does not show any revenues at all is that the manual hierarchical revenue planning has no reference to cost elements. Manual hierarchical revenue planning is a type of revenue planning that allows you to plan revenues for WBS elements manually without using sales documents. Manual hierarchical revenue planning does not use cost elements as a basis for planning, but uses revenue elements instead. Revenue elements are a set of data that define the characteristics and properties of a revenue type. Cost element reports can only display data that is based on cost elements, not revenue elements.

Reference:<https://help.sap.com/doc/0f069b2e08b748f1b480d4c8b46c3c49/100/en-US/6a7a9f0a6e421014e10000000a174cb4.html>

#### Question No : 6

How are earliest dates and latest dates of activities scheduled?

- A. Earliest dates are scheduled by backward scheduling, and latest dates by copying the earliest dates
- B. Earliest dates are scheduled by forward scheduling, and latest dates by backward scheduling
- C. Earliest dates and latest dates are scheduled by forward scheduling
- D. Earliest dates are scheduled by backward scheduling, and latest dates by forward scheduling

**Answer: B**

**Explanation:**

Forward scheduling is a method of scheduling activities from the start date of the project to the end date. Backward scheduling is a method of scheduling activities from the end date of the project to the start date. The earliest dates are determined by forward scheduling and the latest dates are determined by backward scheduling. This ensures that the activities are scheduled within the project duration and that any slack time is distributed evenly.

Reference:<https://help.sap.com/viewer/0c9a2f8f9c1b4a2e8b3f7d0c9b6e1d8a/2020.000/en-US/4c5f7a3e6b571014e10000000a174cb4.html>

#### Question No : 7

In your project. You work with a network and external activities. You have created a purchase requisition. The corresponding purchase order is created as well. Now, you increase the quantity of the external activity. How does the system support this scenario?

- A. The purchase order can be updated in Goods Receipt for Purchase Order (MIGO)
- B. The purchase order is updated automatically to match the new quantity while saving the project.
- C. A workflow can be triggered to inform the purchasing group.
- D. The system automatically creates a new purchase requisition with the difference to the original quantity

**Answer: C**

**Explanation:**

When you increase the quantity of the external activity after creating a purchase requisition and a purchase order, a workflow can be triggered to inform the purchasing group. A workflow is a process that automates and controls business tasks according to predefined

rules and conditions. A workflow can be triggered when certain events occur in a project, such as changes in quantities, dates, or statuses of project objects. A workflow can perform various actions, such as sending notifications, creating documents, or calling transactions. In this scenario, a workflow can be triggered when you increase the quantity of the external

**Question No : 8**

Which statement regarding the creation of a new work breakdown structure (WBS element) are true?

Note : there are 3 correct answer for this question.

- A. You can create several WBS elements per level.
- B. A new work breakdown structure must contain up to 10 levels.
- C. A WBS element of the new project can be assigned to a different project definition.
- D. WBS element can be a planning element, an account assignment element, and a billing element at the same time.
- E. The WBS structure can contain several level 1 WBS element,

**Answer: A,C,D**

**Explanation:** You can create several WBS elements per level." According to SAP Help Portal<sup>2</sup>, "You can assign a WBS element of the new project to a different project definition." According to SAP Help Portal<sup>3</sup>, "WBS elements can be planning elements, account assignment elements, and billing elements at the same time."References: **123**

**Question No : 9**

Which organizational structures are required for network activities? Note: There are 3 correct answers to this question

- A. Controlling area
- B. Plant
- C. Sales organization
- D. Company code
- E. Operating concern

**Answer: A,B,D**

**Explanation:** Controlling area, plant, and company code are some of the organizational structures required for network activities. Controlling area is an organizational unit that represents a closed system for cost accounting purposes. Plant is an organizational unit that represents a location where materials are produced or services are provided. Company code is an organizational unit that represents an independent accounting entity with its own balance sheet and profit and loss statement.

Reference:<https://help.sap.com/doc/0f069b2e08b748f1b480d4c8b46c3c49/100/en-US/6a7a9f0a6e421014e10000000a174cb4.html>

#### Question No : 10

How can you grant individual authorization for WBS elements and networks?

- A. Define a user status to lock the business transaction Update Project.
- B. Set the system status to "Lock Master Data".
- C. Activate access control lists (ACL) for the user master record.
- D. Activate access control lists (ACL) for the project profile and the network profile

**Answer: D**

**Explanation:** To grant individual authorization for WBS elements and networks, you have to activate access control lists (ACL) for the project profile and the network profile. Access control lists are a feature that allows you to control access to project objects, such as WBS elements and networks, based on user-specific authorization objects. You can use access control lists to define which users can create, change, display, or delete project objects. The project profile is a parameter that defines the basic properties of a project, such as its project type, number range, and budget profile. The network profile is a parameter that defines the basic properties of a network, such as its order type, number range, and scheduling parameters. You have to activate access control lists for both the project profile and the network profile in Customizing in order to use them for WBS elements and networks.

Reference:<https://help.sap.com/doc/0f069b2e08b748f1b480d4c8b46c3c49/100/en-US/6a7a9f0a6e421014e10000000a174cb4.html>

#### Question No : 11



You want use a template to create a new project with network in the Project Builder (CJ20N). Which template can you use in Project builder?

Note : there are 3 correct answer for this question.

- A. Project milestone
- B. Standard network
- C. Standard Project definition
- D. Project version.
- E. Project definition

**Answer: B,C,E**

**Explanation:**

A template is a predefined structure that can be used to create a new project with network in the Project Builder (CJ20N). You can use different types of templates depending on your requirements and preferences. Some of these templates are:

- ✍ Standard network: This is a template that contains predefined activities, relationships, milestones, and components for a network. You can use a standard network to create a new network with similar structure and content.
- ✍ Standard Project definition: This is a template that contains predefined WBS elements, networks, activities, relationships, milestones, and components for a project. You can use a standard project definition to create a new project with similar structure and content.
- ✍ Project definition: This is an existing project that can be used as a template for creating a new project with network. You can use a project definition to copy the entire structure and content of an existing project or only selected parts of it.  
Reference: [https://help.sap.com/docs/SAP\\_S4HANA\\_ON-PREMISE/4dd8cb7b1c484b4b93af84d00f60fdb8/1ad4b65334e6b54ce1000000a174cb4.html?locale=en-US&state=PRODUCTION&version=2020.002](https://help.sap.com/docs/SAP_S4HANA_ON-PREMISE/4dd8cb7b1c484b4b93af84d00f60fdb8/1ad4b65334e6b54ce1000000a174cb4.html?locale=en-US&state=PRODUCTION&version=2020.002)

**Question No : 12**

Which of the following is visible in the project planning board? Note: There are 2 correct answers to this question

- A. Project-relevant purchase orders
- B. Capacity requirements
- C. Maintenance orders assigned to an activity
- D. Production orders assigned to WBS elements

**Answer: B,C**

**Explanation:** The project planning board is a graphical tool that allows you to plan and monitor projects in a Gantt chart view. You can use the project planning board to display capacity requirements and maintenance orders that are related to project activities. You can also display other objects such as WBS elements, networks, activities, milestones, production orders, sales orders, purchase orders, and so on.

Reference:[https://help.sap.com/docs/SAP\\_S4HANA\\_ON-PREMISE/4dd8cb7b1c484b4b93af84d00f60fdb8/1ad4b65334e6b54ce10000000a174cb4.html?locale=en-US&state=PRODUCTION&version=2020.002](https://help.sap.com/docs/SAP_S4HANA_ON-PREMISE/4dd8cb7b1c484b4b93af84d00f60fdb8/1ad4b65334e6b54ce10000000a174cb4.html?locale=en-US&state=PRODUCTION&version=2020.002)

#### Question No : 13

You have a project with a network, material and milestone. You want to plan an activity to start two days after its predecessor. How can you do that?

Note : there are 2 correct answers for this question.

- A. Use an offset of two days for the relationship of both activities.
- B. Use an offset of two days for milestone date.
- C. Use an offset of two days for the requirement date of the material component
- D. Calculate the start date of the activity and set the constraint "Must start on" accordingly.

**Answer: A,D**

**Explanation:**

"You can use an offset to specify a time interval between two activities. For example, you can specify that an activity should start two days after its predecessor activity has finished." According to SAP Help Portal<sup>2</sup>, "You can use constraints to specify fixed dates for activities. For example, you can use the constraint 'Must start on' to fix the start date of an activity."References: <sup>12</sup>

#### Question No : 14

You have created an internally-processed network activity, and assigned a work center and the work. After saving, you discover that no planned costs are displayed in the cost element report for the activity. What could be the reason? Note: There are 3 correct answers to this question

- A. The formula for costing in the work center is incorrect
- B. The activity output price for the activity type and cost center assigned to the work center is not maintained.
- C. The duration is missing in the activity
- D. The Determine Costs indicator in the network header rules out planned cost calculation
- E. Integrated planning for the network is active

**Answer: A,B,D**

**Explanation:**

Planned costs are calculated for internally-processed network activities based on the formula for costing in the work center, the activity output price for the activity type and cost center assigned to the work center, and the duration of the activity. If any of these factors are missing or incorrect, no planned costs will be displayed. The Determine Costs indicator in the network header also controls whether planned costs are calculated or not. If it is not set, no planned costs will be displayed.

Reference:<https://help.sap.com/doc/0f069b2e08b748f1b480d4c8b46c3c49/100/en-US/6a7a9f0a6e421014e10000000a174cb4.html>

**Question No : 15**

You want to allocate overhead rates to a WBS element. What must you assign to the WBS element?

- A. Settlement rule
- B. Investment profile
- C. Results analysis key
- D. Costing sheet

**Answer: D**

**Explanation:** To allocate overhead rates to a WBS element, you must assign a costing sheet to the WBS element. A costing sheet is a tool that allows you to define and calculate overhead costs based on various criteria, such as plant, company code, material origin, or order type. You can assign a costing sheet to a WBS element in the Control Data tab of the WBS element master data. Reference:[https://help.sap.com/docs/SAP\\_S4HANA\\_ON-PREMISE/4dd8cb7b1c484b4b93af84d00f60fdb8/df72bb53707db44ce10000000a174cb4.html](https://help.sap.com/docs/SAP_S4HANA_ON-PREMISE/4dd8cb7b1c484b4b93af84d00f60fdb8/df72bb53707db44ce10000000a174cb4.html)

**Question No : 16**

What are valid procurement types for stock items? Note: There are 3 correct answers to this question

- A. Preliminary purchase requisition for WBS element
- B. Planned order
- C. Third-party order
- D. Purchase requisition and Reservation for WBS element
- E. Reservation for WBS element

**Answer: B,C,D**

**Explanation:** Stock items can be procured using planned orders, third-party orders, or purchase requisitions and reservations for WBS elements. Preliminary purchase requisitions are used for non-stock items and reservations are used for stock items that are already available in the warehouse.

Reference:<https://help.sap.com/doc/0f069b2e08b748f1b480d4c8b46c3c49/100/en-US/6a7a9f0a6e421014e10000000a174cb4.html>

**Question No : 17**

An external component is assigned to a network activity. The delivery date for the purchase requisition depends on the dates of the network activity. What controls whether the delivery date is defined by the earliest or latest scheduled dates?

- A. The network profile
- B. The control key
- C. The table of MRP controllers
- D. The scheduling parameters for the network

**Answer: D**

**Explanation:** To control whether the delivery date for an external component assigned to a network activity is defined by the earliest or latest scheduled dates, you can use the scheduling parameters for the network. An external component is a material component that is required for executing a network activity and that is procured externally from vendors or other plants

**Question No : 18**

Where can you assign the use status profile for WBS elements? Note: There are 3 correct answers to this question

- A. In the project profile
- B. In the project version
- C. In the project type
- D. In the project definition of a standard WBS
- E. In the operative WBS element

**Answer: A,C,E**

**Explanation:** User status profiles are used to define additional statuses for project objects that can control their business processes. You can assign user status profiles for WBS elements in the project profile, which is a template for creating projects with similar characteristics. You can also assign user status profiles for WBS elements in the project type, which is a classification of projects according to their objectives and characteristics. You can also assign user status profiles for WBS elements in the operative WBS element itself, which is a structural element of a project that represents a task or a partial task.

Reference: <https://help.sap.com/doc/0f069b2e08b748f1b480d4c8b46c3c49/100/en-US/6a7a9f0a6e421014e10000000a174cb4.html>

**Question No : 19**

Which of the following is used to plan basic dates manually for WBS elements? Choose the correct answers. There are 2 correct answers to this question.

- A. Schedule Manager
- B. Project Builder
- C. Project planning board
- D. Easy Cost Planning

**Answer: B,C**

**Explanation:** To plan basic dates manually for WBS elements, you can use the Project Builder or the Project planning board. These are tools that allow you to create and maintain project structures, such as WBS elements, networks, activities, and milestones. You can enter basic dates for WBS elements in the Basic Data tab of the WBS element master data in the Project Builder or in the Gantt chart view of the Project planning board.

Reference: [https://help.sap.com/docs/SAP\\_S4HANA\\_ON-](https://help.sap.com/docs/SAP_S4HANA_ON-)

PREMISE/4dd8cb7b1c484b4b93af84d00f60fdb8/3673b65334e6b54ce10000000a174cb4.html

**Question No : 20**

A component is assigned to a network activity. What are the prerequisites to generate project stock reservations? Note: There are 3 correct answers to this question

- A. The network activity is assigned to a WBS element
- B. The network is assigned to a sales order item
- C. The material master of the component must permit project stock management
- D. The Project Stock indicator is set in the project definition (non-valuated or valuated)
- E. A procurement indicator must be assigned to the activity

**Answer: A,C,D**

**Explanation:**

To generate project stock reservations for a component assigned to a network activity, the following prerequisites must be met:

- ✍ The network activity must be assigned to a WBS element that is relevant for project stock management.
- ✍ The material master of the component must have a procurement type that allows project stock management (such as E, F, or X) and an individual/collective requirements indicator that allows individual requirements (such as 2 or 4).
- ✍ The project definition must have the Project Stock indicator set to either non-valuated or valuated project stock. Reference:  
[https://help.sap.com/docs/SAP\\_S4HANA\\_ON-PREMISE/4dd8cb7b1c484b4b93af84d00f60fdb8/79ceb65334e6b54ce10000000a174cb4.html?&version=1909.002](https://help.sap.com/docs/SAP_S4HANA_ON-PREMISE/4dd8cb7b1c484b4b93af84d00f60fdb8/79ceb65334e6b54ce10000000a174cb4.html?&version=1909.002)

**Question No : 21**

Budgeting is implemented for projects. The budget has been adjusted several times. What standard report type provides an overview of adjustments on the budget?

- A. Structure overview for budgets

- B. Hierarchical report on budget updates
- C. Cost element report on budget updates
- D. Line item report for budgets

**Answer: B**

**Explanation:**

A hierarchical report on budget updates is a standard report type that provides an overview of adjustments on the budget for WBS elements within your project. A hierarchical report on budget updates displays the budget values and changes for each WBS element in a hierarchical structure. You can use various selection criteria and display options to customize the report according to your needs. You can also access detailed information on individual budget values or changes by choosing drilldown functions.

Reference:<https://help.sap.com/doc/0f069b2e08b748f1b480d4c8b46c3c49/100/en-US/6a7a9f0a6e421014e10000000a174cb4.html>

**Question No : 22**

In your logistics project you want to carry out the internal project work as soon as possible. What do you have to maintain in capacity requirements planning?

- A. Scheduling and capacity category
- B. Scheduling and distribution key
- C. Control key of an activity
- D. Capacity planner group in the network header

**Answer: C**

**Explanation:** To carry out the internal project work as soon as possible, you have to maintain the control key of an activity in capacity requirements planning. Capacity requirements planning is a process that determines the capacity requirements and availability for work centers or resources that are used to execute project activities. The control key is a parameter that defines the basic properties of an activity, such as whether it is internally or externally processed, whether it requires confirmation or not, and whether it is relevant for scheduling or not. The control key also determines whether an activity is relevant for capacity requirements planning or not. To carry out the internal project work as soon as possible, you have to use a control key that activates capacity requirements planning for the internal activities.

Reference:<https://help.sap.com/doc/0f069b2e08b748f1b480d4c8b46c3c49/100/en-US/6a7a9f0a6e421014e10000000a174cb4.html>