

Vendor: Microsoft

**Exam Code:**70-498

**Exam Name:** Delivering Continuous Value with Visual Studio Application Lifecycle Management

Version: Demo

You have a list of tasks entered into Microsoft Visual Studio Team Foundation Server (TFS) 2012. Each task has an estimated effort and assigned to a team member.

You have limited resources available. Due to external requirements, the start date and end date of the current iteration are fixed. Several of the tasks have dependencies on one another.

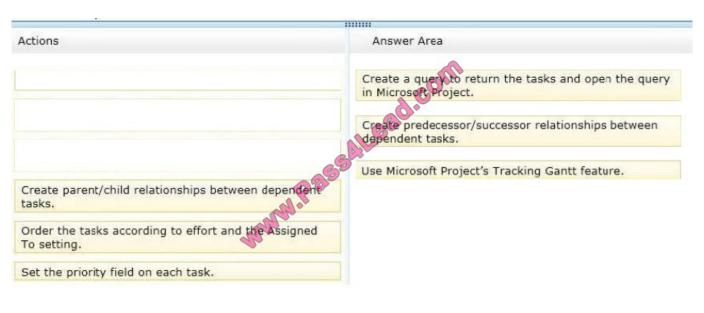
You need to identify a critical path.

What should you do? (To answer, move the three appropriate actions from the list of actions to the answer area and arrange them in the correct order.)

#### Select and Place:



## Correct Answer:



You manage a geographically dispersed development team that uses the Microsoft Visual Studio Scrum 2.0 process template.

Each of the four locations has approximately six team members.

You need to optimize the team\\'s performance to minimize the impact of the geographic dispersion.

What should you do?

- A. Setup a persistent video conference feed between the locations.
- B. Use a phone conference line for daily standups. Use a paper-based planning board and take snapshots of the board after daily standups.
- C. Organize the teams into a scrum of scrums, in which each location has a standalone team. Work off of a single product backlog and meet regularly with the leads of each scrum team.
- D. Use electronic planning and a shared source control repository so that all team members are using a single set of sources.

Correct Answer: C

## **QUESTION 3**

You are assigned to manage a new development team that uses Microsoft Visual Studio Team Foundation Server (TFS) 2012 for application lifecycle management (ALM). The development team works in a highly regulated environment.

You are required to:

Document and manage risks,

Document and manage change requests, and

Maintain a formal project issue log.

You need to select a development process for your team.

Which process template should you use?

- A. Microsoft Solutions Framework (MSF) for Capability Maturity Model Integration (CMMI) Process Improvement 6.0
- B. Microsoft Kanban 1.0
- C. Microsoft Solutions Framework (MSF) for Agile Software Development 6.0
- D. Microsoft Visual Studio Scrum 2.0

Correct Answer: A

You are a developer for Contoso, Ltd. The product owner sends an email with a list of requirements that need to be built out for your company\\'s social media product.

You plan to use the list of requirements to create the Product Backlog. The development team will break these features into user stories.

You need to create a user story from a user\\'s perspective in which the user accesses the contact history. Additionally, you need to document the action the user wants to take and the benefit the user will receive from that action.

Complete the user story. To answer, drag the appropriate component of the user story to the correct target. Each component of the user story may be used once, more than once, or not at all.

You may need to drag the split bar between panes or scroll to view content.

Select and Place:

# **Answer Area User Story Component** User Story component As a: registered member User Story component I want to: user Story component So That: log on by using a Public-key authentication protocol When I This is the result: perform this action: I can access my history log on with my registered username, and register a User Story component I can access a secure area of the 6-10 character system alphanumeric password my history displays User Story component try to log on with an unregistered username my information displays A message displays and explains that my username is not registered

Correct Answer:

an error is displayed

User Story Component	Answer Area	
	As a:	registered member
user	I want to:	log on by using a Public-key authentication protocol
	So That:	I can access my history
	When I perform this action:	This is the result:
I can access a secure area of the system	log on with my registered username, and register a 6-10 character alphanumeric password	my history displays
	try to log on with an unregistered username	A message displays and explains that my username is not registered
my information displays		
an error is displayed		

You manage a development team that uses the Microsoft Visual Studio Scrum 2.0 process template.

You establish a product backlog, allocate backlog items for a sprint, and define the tasks required to complete the sprint.

You need to ensure that the agreed upon work is assigned to team members.

Who should be responsible for assigning work to team members?
A. Team members
B. Product owner
C. Scrum master
D. Team lead
Correct Answer: A
In Scrum, work should never be directed or assigned. When creating or updating a task, don\\'t assign it to anyone who doesn\\'t request the work. Professional Scrum Development with Microsoft Visual Studio 2012 p.183
QUESTION 6
You are developing an application that has several automated builds that build, perform code analysis, and unit test portions of your code. Your team also performs peer review for code changes in an informal manner. You need to meet the following requirements:
Provide documentation on quality checks and reviews for any changes to the code base.
Ensure code quality.
Maintain your team\\'s efficiency. What should you do?
A.
Institute gated check-ins to the build process.
B.
Deny developers check-in permissions. Allow them to shelve changes and have a senior team member check in the shelve-set after review.
C.
Utilize the Code Review work items and workflow before check-ins.
D.
Perform a weekly code review on subset of recent check-ins.
Correct Answer: C
QUESTION 7

A development team is attempting to use Scrum as its process framework. You join the team as the new scrum master.

During a meeting, a developer states that his "task is done."

You need to describe to the team how the word "done" relates to Scrum.

What should you do?

- A. The word "done" indicates that code has been approved for release to production.
- B. The word "done" indicates that code compiles and has been unit tested.
- C. The word "done" indicates that code has been approved through testing and quality assurance.
- D. The word "done" must be defined, communicated, and agreed to by the team.

Correct Answer: D

The Definition of "Done" is a simple, auditable checklist created by the Development Team. It must be understandable by the Product Owner, the Scrum Master, and any stakeholders. Professional Scrum Development with Microsoft Visual Studio 2012 p.36

#### **QUESTION 8**

You are using the Microsoft Visual Studio Scrum process template. You recently finished a sprint.

You need to conduct a retrospective meeting prior to planning the next sprint.

What should you do?

- A. Analyze items in the product backlog for the next sprint.
- B. Analyze the previous sprint to identify what the team is going to do differently during the next sprint
- C. Analyze and revise the story points of the work items completed in the previous sprint.
- D. Determine which items have been finished on the previous sprint.

Correct Answer: B

The Sprint Retrospective is an opportunity for the Scrum Team to inspect itself and create a plan for improvements to be enacted during the next Sprint. The purpose of the Sprint Retrospective is to:

- · Inspect how the last Sprint went with regards to people, relationships, process, and tools;
- · Identify and order the major items that went well and potential improvements; and, · Create a plan for implementing improvements to the way the Scrum Team does its work. Sprint Retrospectives are used by teams to deliberately improve.

Effective Sprint Retrospectives are an important ingredient in helping good teams become great and great teams sustain themselves.

Ref: http://msdn.microsoft.com/en-us/library/jj620912.aspx

# **QUESTION 9**

Your team uses Microsoft Visual Studio Team Foundation Server (TFS) to manage your software projects. The

operations team uses System Center Operations Manager (SCOM) and configures synchronization with TFS by using TFS Work

Item Synchronization Management Pack.

You need to send information about production errors, including IntelliTrace information from System Center, to the software development team.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

A. Assign an existing Application Error from System Center to the development team by using the TFS connector and opening an error alert. Select the Assign to Engineering option from the Alert Status menu.

- B. From System Center, select an existing alert, and enable full IntelliTrace collection by using the tasks panel. Once the IntelliTrace file is associated to the alert select the Assign to Engineering option from the Alert Status menu.
- C. From the TFS Administration Console, select the Import IntelliTrace files menu, and associate the IntelliTrace file to a new work item.
- D. From System Center, select an existing alert, and enable the full IntelliTrace collection by using the tasks panel. Once the IntelliTrace file is associated to the alert, create a new work item in TFS, and add a link to the new System Center alert.

Correct Answer: BD

# **QUESTION 10**

You are a lead developer for your company. You are responsible for a managed application with an existing codebase.

Customers report that the software is unstable. Management wants you to lead an effort to add unit testing to the application.

You need to identify the part of the application that will benefit most from adding unit tests. The goal is to achieve better software quality for the most users.

Which section of code should you target? More than one answer choice may achieve the goal. Select the BEST answer.

- A. code that has remained unchanged for years
- B. code that is complicated but rarely executed
- C. code that was recently added to the project
- D. code to which many bug reports have been traced

Correct Answer: D

You are on the development team of your company\\'s newly-formed Scrum team.

At the start of your first sprint, your Scrum Master tells you that you are required to participate in the Daily Scrum or Stand-up.

You need to attend this meeting and give feedback to three important questions.

Which three questions should you answer in sequence? To answer, move the appropriate questions from the list in the answer area and arrange them in the correct order.

#### Select and Place:



# Correct Answer:



# **QUESTION 12**

You manage a software development project that includes multiple feature teams. The teams integrate their code into a shared code repository as frequently as possible.

You plan to configure a build definition by using the default build process template (DefaultTemplate.xaml).

You need to know when a check-in from a feature team has broken the build or caused a test to fail, without impacting the feature team.

What should you do?

- A. Set the Analyze Test Impact parameter to True in the build process template.
- B. Set the build trigger to Continuous Integration and enable automated testing.
- C. Add the Builds check-in policy to your team project.
- D. Create a shelveset command for pending changes. Queue a build using the latest source with the shelveset parameter.

Correct Answer: B

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