**Vendor:** Microsoft

**Exam Code:** 70-504

**Exam Name:** TS: Microsoft .NET Framework 3.5 - Workflow

**Version:** DEMO

**QUESTION 1**
You create a workflow host application by using Microsoft .NET Framework 3.5.
You use Windows Workflow Foundation to create the application.
You need to configure the workflow runtime to ensure that all the workflow instances run asynchronously.
Which code segment should you use?

A.  WorkflowRuntime runtime = new
    WorkflowRuntime();runtime.StartRuntime();
    WorkflowInstance instance = runtime.
    CreateWorkflow(typeof(CustomerWorkflow));
    instance.Start();
B.  WorkflowRuntime runtime = new
    WorkflowRuntime();runtime.StartRuntime();
    ManualWorkflowSchedulerService scheduler =
    runtime.GetService<ManualWorkflowSchedulerService>();
    WorkflowInstance instance = runtime.
    CreateWorkflow(typeof(CustomerWorkflow));
    scheduler.RunWorkflow(instance.Instancel d);
C.  WorkflowRuntime runtime = new WorkflowRuntime();
    ManualWorkflowSchedulerService scheduler = new
    ManualWorkflowSchedulerService();
    runtime.AddService(scheduler);
    runtime.StartRuntime();Wor kflowInstance instance =
    runtime.CreateWorkflow(typeof(CustomerWorkflow));
    instance.Start();
D.  WorkflowRuntime runtime = new
    WorkflowRuntime();
    runtime.StartRuntime();
    DefaultWorkflowSchedulerService scheduler = new DefaultWorkflowSchedulerService();
    runtime.AddService(scheduler);
    WorkflowInstance instance = runtime.CreateWorkflow(typeof(CustomerWorkflow));
    instance.Start();

**Answer:** A


**QUESTION 2**
You create a Windows Workflow Foundation application by using Microsoft .NET Framework 3.5.
The application is exposed as a Web service.
You use WebServiceInputActivity activities in your workflow.
You need to ensure that the following requirements are met:

```
- All exceptions are caught at runtime.
- The exceptions are thrown as SOAP exceptions back to the client
application without changing the course of the workflow.
```

What should you do?

A.  Add the ThrowActivity activity after the WebServiceInputActivity activity.
B.  Add the ThrowActivity activity before the WebServiceInputActivity activity.
C.  Add the WebServiceFaultActivity activity after the WebServiceInputActivity activity.
D.  Add the WebServiceFaultActivity activity before the WebServiceInputActivity activity.

**Answer:** C

**QUESTION 3**
You create a Windows Workflow Foundation application by using Microsoft .NET Framework 3.5.
The application has a workflow named WfService.
You write the following code segment.

```
public interface MyService
{
void DoWorkflow(int val1,ref int val2);
}
```

You need to expose the DoWorkflow method as a Web service.
What should you do?

A. Add a WebServiceInputActivity activity.
   Bind val1 and val2 as parameters.
B. Add a WebServiceInputActivity activity.
   Bind val2 as a parameter.
   Add a WebServiceOutputActivity activity.
   Bind val1 as a return value.
C. Add a WebServiceInputActivity activity.
   Bind val1 as a parameter.
   Add a WebServiceOutputActivity activity.
   Bind val2 as a return value.
D. Add a WebServiceInputActivity activity.
   Bind val1 and val2 as parameters.
   Add a WebServiceOutputActivity activity.
   Bind val2 as a return value.

**Answer:** D


**QUESTION 4**
You are creating a Windows Workflow Foundation custom activity by using Microsoft .NET
Framework 3.5.
The custom activity has the following features:

```
- It uses a voting process.
- It completes execution after the receipt of a Yes or a No vote from
an end user.
- The voting process is managed by a local service of type
VotingService.
- The voting process can take 15 to 20 days.
```

You need to ensure that the VotingService service informs the custom activity when a vote is
received.
What should you do?

A. Implement the VotingService service to invoke a method in the custom activity and pass the
   voting data as a workflow parameter.
B. Implement the VotingService service to schedule the custom activity to execute and pass the
   voting data as a workflow parameter.
C. Implement the VotingService service to enqueue the voting data in a workflow queue that was
   configured by the custom activity.

D.  Create a dependency property in the custom activity for the voting data. Implement the VotingService service to configure the dependency property when data is received.

**Answer:** C

## QUESTION 5
You create a Windows Workflow Foundation application by using Microsoft .NET Framework 3.5.
You add a class to the workflow that implements the IPendingWork interface.
The class interacts with a Microsoft SQL Server 2005 database.
All database write operations must be performed in a transaction.
You implement a Commit method of the IPendingWork interface.
You need to complete the Commit method.
Which code segment should you use?

A.  public void Commit(Transaction trans, ICollection items) { SqlConnection con = new SqlConnection("<con str>");
    con.BeginTransaction(); ...}
B.  public void Commit(Transaction trans, ICollection items) { SqlConnection con = new SqlConnection("<con str>");
    con.EnlistTransaction(trans); ...}
C.  public void Commit(Transaction trans, ICollection items) { SqlConnection con = new SqlConnection("<con str>");
    con.EnlistTransaction(new CommittableTransaction()); ...}
D.  public void Commit(Transaction trans, ICollection items) { using (TransactionScope tscope=new TransactionScope()) { SqlConnection con = new SqlConnection("<con str>"); ...
    tscope.Complete(); }}

**Answer:** B

## QUESTION 6
You create a Windows Workflow Foundation application by using Microsoft .NET Framework 3.5.
The application is a high-volume shopping cart system that processes over 100,000 transactions every day. The application tracks workflows by using the SqlTrackingService class. The application must partition data based on a 24-hour period.
You need to configure the tracking service. What should you do?

A.  In the app.config file, set the PartitionOnCompletion attribute of the SqlTrackingService class to true.Execute the stored procedure named dbo.SetPartitionInterval by passing the parameter value m.
B.  In the app.config file, set the PartitionOnCompletion attribute of the SqlTrackingService class to false.Execute the stored procedure named dbo.PartitionCompletedWorkflowInstances.
C.  In the code segment used to create the SqlTrackingService class, set the PartitionOnCompletion property to true.Execute the stored procedure named dbo.PartitionCompletedWorkflowInstances.
D.  In the code segment used to create the SqlTrackingService class, set the PartitionOnCompletion property to true.Execute the stored procedure named dbo.SetPartitionInterval by passing the parameter value d.

**Answer:** D

## QUESTION 7
You create a Windows Workflow Foundation application by using Microsoft .NET Framework 3.5.

When a user logs in, the application uses the InvokeWebServiceActivity activity to retrieve data from a Web service.
You need to retrieve the logged-in user details from a local database when the Web service is being called.
Which code segment should you use?

A. this.invokeWebServiceActivity1.Invoked += new
   EventHandler<InvokeWebServiceEventArgs>(OnInvoked);
   void OnInvoked(object sender, InvokeWebServiceEventArgs e){ ...}
B. this.invokeWebServiceActivity1.Invoking += new
   EventHandler<InvokeWebServiceEventArgs>(OnInvoking);
   void OnInvoking(object sender, InvokeWebServiceEventArgs e){ ...}
C. this.invokeWebServiceActivity1.StatusChanged += new
   EventHandler<ActivityExecutionStatusChangedEventArgs> (OnStatusChanged);
   private void OnStatusChanged(object sender, EventArgs e){ if
   (invokeWebServiceActivity1.ExecutionStatus == ActivityExecutionStatus.Executing) { ... }}
D. this.invokeWebServiceActivity1.StatusChanged += new
   EventHandler<ActivityExecutionStatusChangedEventArgs> (OnStatusChanged);
   private void OnStatusChanged(object sender, EventArgs e){ if
   (invokeWebServiceActivity1.ExecutionStatus == ActivityExecutionStatus.Compensating) { ... }}

**Answer:** B


**QUESTION 8**
You are creating a Windows Workflow Foundation application by using Microsoft .NET Framework 3.5.
You need to ensure that the application records event tracking information in the Windows Event Log.
What should you do?

A. Derive one custom class each from the TrackingService class and the TrackingChannel class.
   Return the custom class derived from the GetTrackingChannel method of the TrackingChannel
   class. Write the tracking information to the Windows Event Log in the Send method.
B. Derive one custom class each from the TrackingService class and the TrackingChannel class.
   Return the custom class derived from the GetTrackingChannel method of the TrackingChannel
   class. Write the tracking information to the Windows Event Log in the GetProfile method.
C. Derive one custom class each from the TrackingService class and the TrackingProfile class.
   Return the custom class derived from the TrackingProfile from the GetProfile method. Write the
   tracking information to the Windows Event Log in the constructor of the custom class derived from
   the TrackingProfile class.
D. Derive one custom class each from the TrackingChannel class and the TrackingProfile class.
   Create an instance of the custom derived TrackingProfile class in the Send method. Write the
   tracking information to the Windows Event Log in the constructor of the custom class derived from
   the TrackingProfile class.

**Answer:** A


**QUESTION 9**
You create a Windows Workflow Foundation application by using Microsoft .NET Framework **3.**5.
The application uses a sequential workflow. The application must listen to the Approved and the
Rejected events that are raised by the host.
You need to ensure that the workflow waits for one of the events to be raised before it completes
execution.

What should you do?

A. Add a ParallelActivity activity that has two branches to the workflow.
   Add a HandleExternalEventActivity activity to each branch.
   Configure one branch to handle the Approved event and the other one to handle the Rejected event.
B. Add a ListenActivity activity that has two branches to the workflow.
   Add a HandleExternalEventActivity activity to each branch.Configure one HandleExternalEventActivity activity to handle the Approved event and the other one to handle the Rejected event.
C. Add a ReplicatorActivity activity that has the ExecutionType property set to Parallel.
   Add two HandleExternalEventActivity activities to the ReplicatorActivity activity.
   Configure one HandleExternalEventActivity activity to handle the Approved event and the other one to handle the Rejected event.
D. Add a ParallelActivity activity that has two branches to the workflow.
   Add an EventHandlingScopeActivity activity to each branch.
   Add a HandleExternalEventActivity activity to each EventHandlingScopeActivity activity.
   Configure one HandleExternalEventActivity activity to handle the Approved event and the other one to handle the Rejected event.

**Answer:** B

**QUESTION 10**
You are creating a Windows Workflow Foundation application by using Microsoft .NET Framework 3.5. The application contains a workflow that performs two tasks. The first task will complete before the second task begins.
You need to ensure that corrective action is taken on work performed by the first task if an exception occurs while processing the second task.
What should you do?

A. Place the activities that perform the first task in a CompensatableSequenceActivity activity.
   Add a compensation handler to the CompensatableSequenceActivity activity.
   Add an activity at the workflow level to perform the second task.
   Add an exception handler that traps the System.
   Exception exception and contains a CompensateActivity activity with a TargetPropertyName property that points to the CompensatableSequenceActivity activity.
B. Place the activities that perform the first task in a CompensatableSequenceActivity activity.
   Add a cancellation handler to the CompensatableSequenceActivity activity.
   Add an activity at the workflow level to perform the second task.
   Add an exception handler that traps the System.
   Exception exception and contains a CompensateActivity activity with a TargetPropertyName property that points to the CompensatableSequenceActivity activity.
C. Place the activities that perform the first task in a CompensatableSequenceActivity activity.
   Add a fault handler to the CompensatableSequenceActivity activity.
   Add an activity at the workflow level to perform the second task.
   Add an exception handler that traps the System.
   Exception exception and contains a CompensateActivity activity with a TargetPropertyName property that points to the CompensatableSequenceActivity activity.
D. Place the activities that perform the first task in a CompensatableSequenceActivity activity.
   Add a fault handler to the CompensatableSequenceActivity activity.
   Add an activity at the workflow level to perform the second task and enclose it in a CompensatableSequenceActivity activity.
   Add an exception handler that traps the System.
   Exception exception and contains a CompensateActivity activity with a TargetPropertyName

property that points to the second CompensatableSequenceActivity activity.

**Answer:** A

# Thank You for Trying Our Product

## PassLeader Certification Exam Features:

★ More than 99,900 Satisfied Customers Worldwide.

★ Average 99.9% Success Rate.

★ Free Update to match latest and real exam scenarios.

★ Instant Download Access! No Setup required.

★ Questions & Answers are downloadable in PDF format and VCE test engine format.

★ Multi-Platform capabilities - Windows, Laptop, Mac, Android, iPhone, iPod, iPad.

★ 100% Guaranteed Success or 100% Money Back Guarantee.

★ Fast, helpful support 24x7.

View list of all certification exams: http://www.passleader.com/all-products.html

**10% Discount Coupon Code:   STNAR2014**