Question **1**

Incorrect

Mark 0.00 out of 1.00

Flag question

Question text

To an extent we can control which micro service runs on which cluster nodes using

Select one:

a. Tagging Concept

b. Mapping Constraints

c. Placement Constraint

d. None

e. Internal Load Balancer

Feedback

Your answer is incorrect.

Question **2**

Incorrect

Mark 0.00 out of 1.00

Flag question

Question text

Whenever a reliable service Starts or Shuts down the event function on the service class that is called has name:

Answer: 

Question **3**

Incorrect

Mark 0.00 out of 1.00

Flag question

Question text

If there is a stateful service with target replica set size 2 and partition count 3, the total number of active primary service instances will be  \_\_\_\_

Answer: 

Question **4**

Incorrect

Mark 0.00 out of 1.00

Flag question

Question text

There is a SF reliable service which is available on remoting channel, how it can be accessed from external client outside cluster.

Select one:

a. None

b. Enable Remoting Proxy

c. Enable tunneling on Load Balancer

d. Enable Reverse Proxy

Feedback

Your answer is incorrect.

Question **5**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which all are true about Micro Services

A. Micro Services Components run on different geographical nodes

B. One major objective is to make every functionality/service is independently dynamically scalable

C. Micro Services concept is in line with and facilitate the trend of using cloud platform Infrastructure.

D. Cannot be implemented On Premise.

E. Beneficial especially when applications are deployed on cloud environment.

F. Do not have more than one concrete service class per  module.

G. Using Service Bus would enhance the scalability support of Micro Services.

H. All Micro services has to be hosted on universal channels like HTTP / SOAP

Select one:

a. B C E

b. C E F

c. B C E G

d. A D F

e. B C H

Feedback

Your answer is correct.

Question **6**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

In case of Stateless service the event function which has to be overridden to publish the listeners with naming service is

Select one:

a. protected override IEnumerable<ServiceReplicaListener> CreateServiceReplicaListeners() {}

b.  protected override IEnumerable<ServiceInstanceListener> CreateServiceInstanceListeners() {}

Feedback

Your answer is correct.

Question **7**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

What is true Service Fabric?

A. It is a frame work for developing micro services based solution

B. It is a frame work for migrating existing applications into micro services based solution

C. A cluster manager or orchestrator is not required in service fabric.

D. Is compatible with Kubernetes, SWARM & DC/OS orchestrators.

E. It promotes container based micro services development

F. It promotes process based micro services development

G. It has a proprietary cluster manager and orechstrator

Select one:

a. A F G

b. A B E

c. A D E

d. B E G

e. B D E

Feedback

Your answer is correct.

Question **8**

Partially correct

Mark 0.33 out of 1.00

Flag question

Question text

If SF micro services solution has to pick up HL7 message from service bus, do transformation and then store the document in the database and forward the message back to service bus.

To design above what are appropriate choices

Select one or more:

a. Use Kafka

b. Use Azure Blob Storage

c. Use central SQL Server database

d. Actor  SF Reliable service

e. Use Cosmos database

f. Stateless  SF Reliable service

g. Stateful Reliable service

Feedback

Your answer is partially correct.

You have correctly selected 1.

Question **9**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Match the features with service types

Services Types: . Stateless,  Stateful

Feautures:

F1: Load Balancing

F2: Instance Count

F3: ReplicaSize

F4: Fault Recovery

F5: State Persistence

F6: Reliable Collections

F7: Central Database

F8: Partition

Select one or more:

a. Stateless: F1,F2, F4, F6, F7

b. Stateful: F3,F4,F5,F6,F8

c. Stateless: F1,F2, F4, F7

d. Stateless: F1,F2, F7

e. Stateful: F3,F4,F5,F6,F8

Feedback

Your answer is correct.

Question **10**

Incorrect

Mark 0.00 out of 1.00

Flag question

Question text

The Reliable services can store the custom configuration parameter in a file named:

Answer: 

Question **11**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

In case of Stateful service the event function which has to be overridden to publish the listeners with naming service is

Select one:

a. protected override IEnumerable<ServiceReplicaListener> CreateServiceReplicaListeners() {}

b.  protected override IEnumerable<ServiceInstanceListener> CreateServiceInstanceListeners() {}

Feedback

Your answer is correct.

Question **12**

Incorrect

Mark 0.00 out of 1.00

Flag question

Question text

To an extent we can control which micro service runs on which cluster nodes using

Select one:

a. None

b. Tagging Concept

c. Placement Constraint

d. Internal Load Balancer

e. Mapping Constraints

Feedback

Your answer is incorrect.

Question **13**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

The Stateful service manages the durable state using

[Do not use space]

Answer: 

Question **14**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

If we need to create a SF reliable service which maintains a separate in memory state for every unique client or user then we need to

Select one:

a. Create Stateful Service configured as per session

b. Create an Actor Service

c. Create Stateless service with custom persistence

d. Host service on WCF channel

Feedback

Your answer is correct.

Question **15**

Partially correct

Mark 0.50 out of 1.00

Flag question

Question text

There is a need for partitioned state ful service, and in case if the multiple replicas primary or seconday happen to start on same node of the cluster we want to resolve port conflict.

What can we do?

Select one or more:

a. Do not partition

b. Configure to start listener on random ports

c. Use HttpCommunicationListener class with unique URL prefix

d. Use different hosts

e. Use different protocol channels

Feedback

Your answer is partially correct.

You have correctly selected 1.

Question **16**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Every Reliable Service will mandatorily consist of

Select one or more:

a. Config

b. Data

c. Code

d. Load Balancer

Feedback

Your answer is correct.

Question **17**

Incorrect

Mark 0.00 out of 1.00

Flag question

Question text

We have asp.net core stateless service's  multiple instances hosted on Http Channel. across cluster nodes. We need to get give access to external clients by abstracting the node location. We need to enable \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ on the cluster.

Select one:

a. Generate Dynamic proxy class and distribute

b. Load Balancer

c. Proxy Server

d. Reverse Proxy

e. Nothing. Client just need add reference of Microsoft.ServiceFabric.Services.Remoting NuGet Package

Feedback

Your answer is incorrect.

Question **18**

Partially correct

Mark 0.67 out of 1.00

Flag question

Question text

Which all are standard default reserved ports in case of Service Fabric environment

Select one or more:

a. 19080

b. 8080

c. 19000

d. 30001

e. 9000

f. 19081

g. 16001

h. 9090

Feedback

Your answer is partially correct.

You have correctly selected 2.

Question **19**

Incorrect

Mark 0.00 out of 1.00

Flag question

Question text

Which Is the correct way of accessing fabric:/myapp/myservice reliable service hosted on http channel on azure cluster from outside a cluster for partition value 3

Select one:

a. <http://mycluster.eastus.cloudapp.azure.com/proxyservice?appname=myapp&serviceref=myservice&PartitionKey=3>

b.

<http://mycluster.eastus.cloudapp.azure.com/myapp/myservice?PartitionKey=3&PartitionKind=Int64Range>

<http://mycluster.eastus.cloudapp.azure.com/myapp/myservice?PartitionKey=3&PartitionKind=Int64Range>

c.

[http://mycluster.eastus.cloudapp.azure.com:19081?appname=myapp&serviceref=myservice&PartitionKey=3](http://mycluster.eastus.cloudapp.azure.com:19081/?appname=myapp&serviceref=myservice&PartitionKey=3)

[http://mycluster.eastus.cloudapp.azure.com:19081?appname=myapp&serviceref=myservice&PartitionKey=3](http://mycluster.eastus.cloudapp.azure.com:19081/?appname=myapp&serviceref=myservice&PartitionKey=3)

d.

<http://mycluster.eastus.cloudapp.azure.com:19081/myapp/myservice?PartitionKey=3&PartitionKind=Int64Range>

<http://mycluster.eastus.cloudapp.azure.com:19081/myapp/myservice?PartitionKey=3&PartitionKind=Int64Range>

Feedback

Your answer is incorrect.

Question **20**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

The interal micro services which do not communicate with external client are ideally hosted on

Select one:

a. IPC Channel

b. Remoting Channel

c. netTcpBinding

d. Http

Feedback

Your answer is correct.

Question **21**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

If we are deploying SF application on local cluster with 5 nodes which parameter file will be used for deployment

Select one:

a. Local.5Node.xml

b. 5Nodes.Local.xml

c. Local5.Nodes.xml

d. LocalParams.xml

Feedback

Your answer is correct.

Question **22**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

Which is the correct way of creating partitions for Hl7DocProccessingService stateful service.

Select one:

a. <Service Name=" Hl7DocProccessingService ">  
      <StatefulService ServiceTypeName=" Hl7DocProccessingServiceType"   
                   InstanceCount="[ Hl7DocProccessingService\_InstanceCount]">  
        <NamedPartition>  
          <Partition SchemeName="one" />  
          <Partition SchemeName="two" />  
          <Partition SchemeName="three" />  
        </NamedPartition>  
      </StatefulService>  
    </Service>

b. <Service Name=" Hl7DocProccessingService ">  
      <StatefulService ServiceTypeName=" Hl7DocProccessingServiceType"   
                   InstanceCount="[ Hl7DocProccessingService\_InstanceCount]">  
        <NamedPartition>  
          <Partition Name="one" />  
          <Partition Name="two" />  
          <Partition Name="three" />  
        </NamedPartition>  
      </StatefulService>  
    </Service>

c. <Service Name=" Hl7DocProccessingService ">  
      <StatefulService ServiceTypeName=" Hl7DocProccessingServiceType"   
                     TargetReplicaSetSize="3"   
                       MinReplicaSetSize="2">  
        <NamedPartition>  
          <Partition Name="one" />  
          <Partition Name="two" />  
          <Partition Name="three" />  
        </NamedPartition>  
      </StatefulService>  
    </Service>

Feedback

Your answer is correct.

Question **23**

Correct

Mark 1.00 out of 1.00

Flag question

Question text

While developing a SF micro service application we can provide custom application parameter values using

Select one or more:

a. appSettings.json

b. Config.xml

c. jsonSettings.json

d. Settings.xml

e. Applicationmanifest.xml

f. ServiceManifest.xml

Feedback

Your answer is correct.