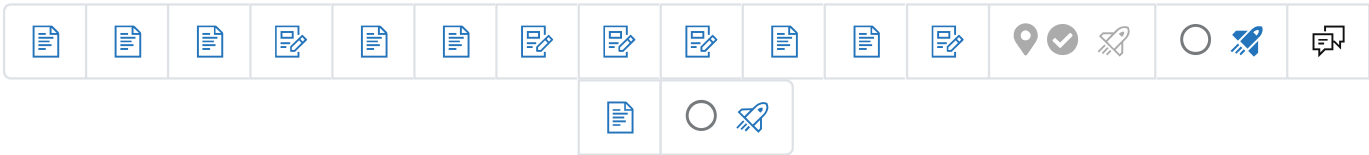


- Due Oct 7 at 11:59pm
- Points 100
- Questions 25
- Time Limit 90 Minutes

# Instructions

ITNW-2355

## Module 2 Mastery Assessment (Exam)



Complete the following Mastery Assessment by submitting the file(s) in the time given.

Note: This is a timed assessment. You will lose an attempt if you open the quiz and do not complete it in the given time. You are not able to preview the Mastery Assessment without the timer starting and you cannot pause the timer once you begin.

Reminder, You have only 3 attempts to score an 80% or better. After 3 attempts you will fail the course.

## Attempt History

	Attempt	Time	Score
KEPT	<a href="#">Attempt 2</a>	62 minutes	84.67 out of 100
LATEST	<a href="#">Attempt 2</a>	62 minutes	84.67 out of 100
	<a href="#">Attempt 1</a>	90 minutes	59.33 out of 100

❗ Correct answers are hidden.

Score for this quiz: 84.67 out of 100

Submitted Oct 31 at 12:11pm

This attempt took 62 minutes.



Partial Question 1

2 / 4 pts

Place the steps below in their proper order when converting a VMware VM to a template.

Step one.

Log into vCenter



Step two.

Power the VM off if not already



Step three.

Open the New Template wizard



Step four.

Right click the VM and choose



Question 2

4 / 4 pts

Phil is creating a VMware Template by cloning an existing VM. In what step of the Clone to Template creation process would he select the template storage location? Choose the most correct answer below.

- ☐ Step 2.
- ☐ Step 1.
- ☐ Step 4.
- ☒ Step 3.



Incorrect Question 3

0 / 4 pts

Select the two most correct statements below concerning vCenter, vSphere and the CIA triangle.

- ☐ vCenter Single Sign-On provides authentication of users by default.

☒ In vCenter, permissions are set on users and roles are set on objects.

☐ Privileges can be assigned to users but not groups in vCenter.



Initially, the Administrator and any other user defined during installation of vCenter is allowed to log into vCenter with Single Sign-On credentials.

☒ For vCenter Single Sign-On to provide authorization, roles and permissions must be assigned to users.



#### Question 4

4 / 4 pts

Drag and drop the correct missing word(s) to each VMware best practices question below.

Where possible, assign roles to \_\_\_\_\_.

Groups not users



Use \_\_\_\_\_ to group objects with the same permissions.

Folders



When restrictive roles are applied to a group, be sure the group does not contain any \_\_\_\_\_.

Administrators



\_\_\_\_\_ should be enabled when assigning permissions to objects to ensure new objects inherit permissions.

Propagation



#### Question 5

4 / 4 pts

Select the statement below that best describes available options when cloning a virtual machine in VMware.

☐ Virtual machine storage can be changed during the cloning process but not the NetBIOS name of the VM.



In the cloning process you can add a new virtual hard drive to the VM but you can't configure a CD device to install a new O.S. on the cloned VM.

☒ The guest computer name can be changed during the cloning process.

☐ Folders and files in the guest O.S. can be added or removed during the cloning process.



**Incorrect**Question 6

0 / 4 pts

Select the correct first step in creating a VMware clone.

- ☐ Quiesce any VM's running I/O disk operations that might cause cloning errors.
- ☐ In Disk Operations on the source host select Clone VM.
- ☒ Open the New Virtual Machine wizard.
- ☐ Right click destination host and select Clone VM from menu.

**Question 7**

4 / 4 pts

Select the most correct statement below concerning VMware snapshot disk chains.

- ☒ There is only one parent disk in a VMware snapshot disk chain.
- ☐ There is only one child disk in a chain at any one time.
- ☐ Each successive snapshot creates a child disk from the parent disk on the chain.
- ☐ The previous child disk changes to the parent disk after the next snapshot.

**Question 8**

4 / 4 pts

For performance tuning, VMware recommends using processors with the following features. Choose the two best answers.

- ☒ Hardware assisted Memory Management Unit features are recommended in both Intel and AMD processors.
- ☒ Extended Page Tables are recommended because the feature improves MMU virtualization.
- ☐ Software MMU is preferred over hardware MMU, especially in ESXi 6.7.
- ☐ Intel CPU's are recommended over AMD because of virtualization chipset enhancements.

**Question 9**

4 / 4 pts

In creating a VMware Template, results of a storage compatibility check show in a separate pane during which step? Select the best answer below.

- ☒ Step 3.
- ☐ Step 1.
- ☐ Step 4.
- ☐ Step 2.

**Question 10**

4 / 4 pts

You are creating a new VMware VM template. The organization you work for uses two fault tolerant SAN's for VMware clustering. What VM disk format should you select during template creation to allow

it to support clustering? Choose the best answer below.

- ☐ Thick Provision Lazy Zeroed.
- ☐ During template creation set the target destination as the cluster SAN for automatic clustering.
- ☒ Thick Provision Eager Zeroed.
- ☐ Choose NTFS as the format during Thin Provisioning.
- ☐ Thin Provision with Clustering.



#### Question 11

4 / 4 pts

James created a VMware template and named it Server-2019tmp. Later after realizing that only the Finance department would use the server template he decided to change the name of the template to Fin-Svr19tmp. Choose the two most correct statements below that describe the impact of James actions.



To change the name of the templates vmrk files to match the template name, James would need to create a new template named Fin-Svr19tmp.

- ☐ James should have powered the template on, made the changes, then powered the template off.
- ☐ The name of the template's vmrk files changed to match the new template name.
- ☒ The name of the template's vmrk files can not be changed.



#### Question 12

4 / 4 pts

Put the first six steps to clone a VMware VM in their proper order by matching the step with its step number. Match only the correct step with its correct step number.

Step one

Start the Clone an Existing Vi ▼

Step two

Select a Virtual Machine to C ▼

Step three

Select the Virtual Machine Næ ▼

Step four

Select a Resource ▼

### Step five

Select a Datastore ▼

### Step six

Select Clone Options ▼



### Question 13

4 / 4 pts

Jane needs to clone a VMware VM. Select the user permission below that she must have to complete the cloning process.

- ☐ Resource.Assign virtual machine to resource pool on the source host.
- ☐ Network.Assign network on the destination host.
- ☐ Virtual machine.Provisioning.Clone virtual machine on the host where the clone resides.
- ☒ Resource.Assign virtual machine to resource pool on the destination host.



### PartialQuestion 14

2.67 / 4 pts

Choose the most correct steps for cloning a VMware VM. Choose all that apply.

- ☐ Use the "New Virtual Machine" wizard to clone a VM.
- ☐ It is required to customize the guest O.S. when cloning a VM.
- ☒ The Datastore Allocate Space privilege is required to clone a VM.
- ☒ The cloned VM's name must be unique within the folder the cloned VM is placed.
- ☐ Selecting a datastore is not required when cloning a VM.



### IncorrectQuestion 15

0 / 4 pts

Concerning vCenter roles and permissions choose the most correct statements below. Choose all that are correct.



Assigning permissions in vCenter specifies which groups have which privileges. To specify those privileges use roles.

- ☐ Privileges are sets of roles.
- ☒ Roles are user defined sets of privileges.
- ☒ Privileges are access controls grouped into roles, which are mapped to users or groups.

- ☐ vCenter Single Sign-On supports authentication.



### Question 16

4 / 4 pts

Select the most correct statement below concerning VMware snapshots.

- ☒ A snapshot preserves the state and data of a virtual machine at a specific point in time.
- ☐ A snapshot is another name for cloning a virtual machine.
- ☐ Best practices call for limiting snapshots and using cloning instead.
- ☐ A snapshot preserves the state of a virtual machine at a specific point in time.



### Question 17

4 / 4 pts

Choose the most correct statement below concerning VMware templates.

- ☒ A template can't be modified after creating it.
- ☐ To modify a template first clone it, then edit the template and save the state.
- ☐ To preserve the original state of a template, clone the source VM the template was created from.
- ☐ To modify a template stop the running VM, then right click on the VM and select Modify Template from menu.



### Question 18

4 / 4 pts

Your boss wants you to verify you have the correct permissions to clone a VMware VM. Choose the most correct permission below.

- ☐ Virtual machine .Inventory.Create from existing on the destination ESXi server.
- ☐ Virtual machine .Provisioning.Read customization specifications on the VM you are cloning.
- ☐ Virtual machine .Provisioning.Customize on the destination host.
- ☒ Datastore.Allocate space on the destination datastore or datastore folder.



### Question 19

4 / 4 pts

Your boss has asked you to create a VMware template from an existing VMware template. What should you do next? Choose the best answer below.

- ☐ Tell your boss you cannot create a template from another template.
- ☐ With the VM template shutdown, rename it, then take a snapshot of it to make a copy.
- ☒ After right clicking the template VM select Clone to Template.
- ☐ Convert the source template to a VM, then start the Clone VM to Template wizard.



### Question 20

4 / 4 pts

Choose the most correct statement below concerning vSphere, ESXi, and vCenter.

- ☐ ESXi is a component of vCenter, and is independent of vSphere.
- ☒ ESXi and vCenter are components of vSphere.
- ☐ ESXi and vSphere are Type 1 hypervisors, and vCenter is the preferred way to manage them.
- ☐ vSphere and ESXi are components of vCenter.



Question 21

4 / 4 pts

Windows Admin Center is limited to a 90-day trial period before it must be purchased.

- ☐ True
- ☒ False



Question 22

4 / 4 pts

Windows Admin Center comes at no additional cost beyond Windows and is ready to use in production.

- ☒ True
- ☐ False



Question 23

4 / 4 pts

How is Windows Admin Center accessed?

- ☐ Internet agent
- ☐ All of the above
- ☐ Client application
- ☒ Web Browser



Question 24

4 / 4 pts

Windows Admin Center is a replacement for management tools like Server Manager and MMC.

- ☐ True
- ☒ False



Question 25

4 / 4 pts

What can Windows Admin Center be used for?

- ☐ Streamline hyperconverged management
- ☐ Work with hybrid solutions
- ☐ Simplify server management



☒ All of the above and/or below

Quiz Score: 84.67 out of 100