Overall Performance

Your Score: 100%

Passing Score: 80%

View results by: ◯ Objective Analysis ⦿ Individual Responses

Individual Responses

▼ **Question 1:**   Correct

You are creating a DSC configuration that will be used to install the IIS Web server on various servers on the network.

In the script below, click the line that installs the Web Server role on the target server.

```
001        Configuration AddIIS
002        {
003            param ($MachineName)
004
005            Node $MachineName
006            {
007                WindowsFeature IIS   ⬅
008                {
009                    Ensure = "Present"
010                    Name = "Web-Server"
011                }
012            }
013        }
```

Explanation

In the script shown in this scenario, the **WindowsFeature** line is used to specify which DSC provider should be used. In this case, **WindowsFeature** is used to install the IIS role on the target server.

The keyword **Configuration** defines a new DSC configuration and creates a consumable MOF file. The keyword **param** defines a variable that can be populated from the command line when the configuration is called in a script. The keyword **Node** specifies the target systems the DSC configuration will be applied to.
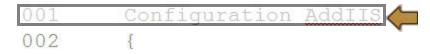
References

LabSim for Server Pro 2016, Section 3.1.
[AllQuestions_ServerPro_2017.exm POWERSHELL 01]

▼ **Question 2:**   Correct

You are creating a DSC configuration that will be used to install the IIS Web server on various servers on the network.

In the script below, click the line that creates a consumable MOF file.

```
001        Configuration AddIIS   ⬅
002        {
```

```
003          param ($MachineName)
004
005          Node $MachineName
006          {
007             WindowsFeature IIS
008             {
009                 Ensure = "Present"
010                 Name = "Web-Server"
011             }
012          }
013       }
```

Explanation

The keyword **Configuration** defines a new DSC configuration and creates a consumable MOF file. In the script shown in this scenario, a folder named AddIIS will be created containing the MOF output file when the configuration function is called in a script.

The **WindowsFeature** line is used to specify which DSC provider should be used. The keyword **param** defines a variable that can be populated from the command line when the configuration is called in a script. The keyword **Node** specifies the target systems the DSC configuration will be applied to.

References

LabSim for Server Pro 2016, Section 3.1.
[AllQuestions_ServerPro_2017.exm POWERSHELL 02]

▼ **Question 3:**   Correct

Which is the typical syntax of a PowerShell command?

  ◯ noun-verb -adverb

➡ ◉ verb-noun -adverb

  ◯ verb-adverb -noun

  ◯ noun-verb -noun - adverb

Explanation

The PowerShell command-line interface uses simple command construction, typically in the form of verb-noun -adverb.

References

LabSim for Server Pro 2016, Section 3.1.
[AllQuestions_ServerPro_2017.exm POWERSHELL 03]

▼ **Question 4:**   Correct

You are managing a Windows server. You type the PowerShell verb **new** followed by a dash (**new -**). At this point, you are not sure which options this command supports. Which key(s) can you press to cycle through the available options?

➡ ◉ Tab

  ◯ Page Down

  ◯ Ctrl +

  ◯ Shift + N

Explanation

If you type a PowerShell verb followed by a dash, press the Tab key to cycle through the available options. PowerShell 3.0 has IntelliSense capabilities that allow you to autocomplete commands by pressing the Tab key.

References

LabSim for Server Pro 2016, Section 3.1.
[AllQuestions_ServerPro_2017.exm POWERSHELL 04]

▼ **Question 5:**   Correct

Which PowerShell command would you use to get help for a particular cmdlet?

➡ ◉ **get-help** *cmdletname*

   ◯ **add-module** *cmdletname*

   ◯ **get-module** *cmdletname*

   ◯ **show-help** *cmdletname*

Explanation

get-help *cmdletname* is used to get help for a particular PowerShell cmdlet.

References

LabSim for Server Pro 2016, Section 3.1.
[AllQuestions_ServerPro_2017.exm POWERSHELL 05]

▼ **Question 6:**   Correct

Which of the following are used in PowerShell to specify an option in the command?

   ◯ Nouns

   ◯ Keywords

   ◯ Providers

➡ ◉ Flags

   ◯ Cmdlets

Explanation

The PowerShell command line interface uses flags, or switches, to specify an option in the command. Flags are also referred to as adverbs in the typical verb-noun -adverb command structure.

References

LabSim for Server Pro 2016, Section 3.1.
[AllQuestions_ServerPro_2017.exm POWERSHELL 06]

▼ **Question 7:**   Correct

Which of the following PowerShell cmdlets is used to retrieve information about an existing object?

   ◯ info

   ◯ help

   ◯ set

➡ ◉ get

Explanation

The PowerShell cmdlet **get** is commonly used to retrieve information about an existing object. For example, the
Get-WindowsOptionalFeature -Online cmdlet allows an administrator to view features installed on a remote computer.

Set is used to make a change to an existing object. **Info** is not a valid PowerShell command.

Help is used with get to request help for a particular cmdlet, using the following command structure:

get-help [cmdletname]

References

LabSim for Server Pro 2016, Section 3.1.
[AllQuestions_ServerPro_2017.exm POWERSHELL 07]

get-help [cmdletname]

References

LabSim for Server Pro 2016, Section 3.1.
[AllQuestions_ServerPro_2017.exm POWERSHELL 07]