PowerShell is a powerful command-line tool that has an excellent built-in help system. This allows you to find all the answers you need form inside the console. In this lab, you walk through using Get-Help to explore the available features and to discover how Aliases work in PowerShell. This is a critical skill for building foundational knowledge in PowerShell.

1. From the Windows desktop, select the Windows PowerShell icon to launch the PowerShell console.
2. Inside the console, enter the following command to Display help information about the `Get-Verb` cmdlet using the `Get-Help` cmdlet. The `more` command is used to display the help information one page at a time.

Get-Help Get-Verb | more to

This step is useful for learning about the `Get-Verb` cmdlet and its usage.

1. Enter the following command to display a list of all the approved verbs in PowerShell using the `Get-Verb` cmdlet.

Get-Verb | more

1. Now, filter the list of verbs to only show those that start with the letter "M" using the `-Verb` parameter and the `\*` wildcard character. Enter the following command:

Get-Verb -Verb M\*

1. Display the group in which the verb "Measure" belongs to using the `-Verb` parameter with the following command:

Get-Verb -Verb Measure

This will display the group that Measure is a part of, which is Diagnostic.

Verb Group

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Measure Diagnostic

9. Show how to get a list of aliases for the `Get-Service` cmdlet using the `Get-Alias` cmdlet and the `-Name` parameter.

```plaintext

Get-Alias -Name \*service\*

```

This step is useful for getting a list of aliases for the `Get-Service` cmdlet.

10. Show how to get a list of aliases that start with the letter "S" using the `-Name` parameter and the `\*` wildcard character.

```plaintext

Get-Alias -Name S\*

```

This step is useful for getting a list of aliases that start with a specific letter.

11. Show how to get a list of aliases that start with the letters "Get-S" using the `-Name` parameter and the `\*` wildcard character.

```plaintext

Get-Alias -Name Get-S\*

```

This step is useful for getting a list of aliases that start with specific letters.

12. Show how to format the output of the `Get-Alias` cmdlet using the `Format-Table` cmdlet.

```plaintext

Get-Alias -Name G\* | Format-Table Name,Definition

```

This step is useful for formatting the output of the `Get-Alias` cmdlet to only show the name and definition of the aliases that start with the letter "G".

13. Show how to get a list of aliases that contain the word "service" in their definition using the `-Definition` parameter and the `\*` wildcard character.

```plaintext

Get-Alias -Definition \*service\*

```

This step is useful for getting a list of aliases that contain a specific word in their definition.

14. Demonstrate how to use the `gsv` alias to get a list of services that have required services using the `-Name` and `-RequiredServices` parameters.

```plaintext

gsv -Name P\* -RequiredServices

```

This step is useful for demonstrating how to use the `gsv` alias to get a list of services that have required services.

15. Display help information about the `gsv` alias using the `Get-Help` cmdlet.

```plaintext

get-help gsv

```

This step is useful for learning about the `gsv` alias and its usage.

16. Show how to use the `gsv` alias to get a list of services that have required services using the `-Name` and `-RequiredServices` parameters.

```plaintext

gsv p\* -RequiredServices

gsv P\* -Req