Chapter 19 Lab

Create a text file named C:\Computers.csv. In it, place the following content:

ComputerName

LOCALHOST

NOTONLINE

Be sure there are no extra blank lines at the end of the file. Then, consider the following command:

Import-CSV C:\Computers.txt | Invoke-Command –Script { Get-Service }

The help file for Invoke-Command indicates that its –ComputerName parameter accepts pipeline input ByValue. Therefore, our expectation is that the computer names in the CSV file will be “fed” to the –ComputerName parameter. But, if you run the command, that isn’t what happens. Troubleshoot this command using the techniques described in this chapter, and determine where the computer names from the CSV file are being bound.

Solution:

We can use Trace-Command to see what

PS C:\> trace-command -name parameterbinding -pshost -expression {import-csv .\computers.csv | invoke-command {get-serv

ce}}

DEBUG: ParameterBinding Information: 0 : BIND NAMED cmd line args [Import-Csv]

DEBUG: ParameterBinding Information: 0 : BIND POSITIONAL cmd line args [Import-Csv]

DEBUG: ParameterBinding Information: 0 : BIND arg [.\computers.csv] to parameter [Path]

DEBUG: ParameterBinding Information: 0 : Binding collection parameter Path: argument type [String], parameter

type [System.String[]], collection type Array, element type [System.String], no coerceElementType

DEBUG: ParameterBinding Information: 0 : Creating array with element type [System.String] and 1 elements

DEBUG: ParameterBinding Information: 0 : Argument type String is not IList, treating this as scalar

DEBUG: ParameterBinding Information: 0 : Adding scalar element of type String to array position 0

DEBUG: ParameterBinding Information: 0 : Executing VALIDATION metadata:

[System.Management.Automation.ValidateNotNullOrEmptyAttribute]

DEBUG: ParameterBinding Information: 0 : BIND arg [System.String[]] to param [Path] SUCCESSFUL

DEBUG: ParameterBinding Information: 0 : MANDATORY PARAMETER CHECK on cmdlet [Import-Csv]

DEBUG: ParameterBinding Information: 0 : BIND NAMED cmd line args [Invoke-Command]

DEBUG: ParameterBinding Information: 0 : BIND POSITIONAL cmd line args [Invoke-Command]

DEBUG: ParameterBinding Information: 0 : BIND arg [get-service] to parameter [ScriptBlock]

DEBUG: ParameterBinding Information: 0 : Executing VALIDATION metadata:

[System.Management.Automation.ValidateNotNullAttribute]

DEBUG: ParameterBinding Information: 0 : BIND arg [get-service] to param [ScriptBlock] SUCCESSFUL

DEBUG: ParameterBinding Information: 0 : MANDATORY PARAMETER CHECK on cmdlet [Invoke-Command]

DEBUG: ParameterBinding Information: 0 : CALLING BeginProcessing

DEBUG: ParameterBinding Information: 0 : CALLING BeginProcessing

DEBUG: ParameterBinding Information: 0 : BIND NAMED cmd line args [Get-Service]

DEBUG: ParameterBinding Information: 0 : BIND POSITIONAL cmd line args [Get-Service]

DEBUG: ParameterBinding Information: 0 : MANDATORY PARAMETER CHECK on cmdlet [Get-Service]

DEBUG: ParameterBinding Information: 0 : CALLING BeginProcessing

DEBUG: ParameterBinding Information: 0 : BIND PIPELINE object to parameters: [Invoke-Command]

DEBUG: ParameterBinding Information: 0 : PIPELINE object TYPE = [System.Management.Automation.PSCustomObject]

DEBUG: ParameterBinding Information: 0 : RESTORING pipeline parameter's original values

DEBUG: ParameterBinding Information: 0 : Parameter [InputObject] PIPELINE INPUT ValueFromPipeline NO COERCION

DEBUG: ParameterBinding Information: 0 : BIND arg [@{Computername=LOCALHOST}] to parameter [InputObject]

DEBUG: ParameterBinding Information: 0 : BIND arg [@{Computername=LOCALHOST}] to param [InputObject] SUCCESSFUL

DEBUG: ParameterBinding Information: 0 : MANDATORY PARAMETER CHECK on cmdlet [Invoke-Command]

DEBUG: ParameterBinding Information: 0 : BIND PIPELINE object to parameters: [Get-Service]

DEBUG: ParameterBinding Information: 0 : PIPELINE object TYPE = [System.Management.Automation.PSCustomObject]

DEBUG: ParameterBinding Information: 0 : RESTORING pipeline parameter's original values

DEBUG: ParameterBinding Information: 0 : Parameter [Name] PIPELINE INPUT ValueFromPipeline NO COERCION

DEBUG: ParameterBinding Information: 0 : BIND arg [@{Computername=LOCALHOST}] to parameter [Name]

DEBUG: ParameterBinding Information: 0 : Binding collection parameter Name: argument type [PSObject], parameter

type [System.String[]], collection type Array, element type [System.String], no coerceElementType

DEBUG: ParameterBinding Information: 0 : Creating array with element type [System.String] and 1 elements

DEBUG: ParameterBinding Information: 0 : Argument type PSObject is not IList, treating this as scalar

DEBUG: ParameterBinding Information: 0 : BIND arg [@{Computername=LOCALHOST}] to param [Name] SKIPPED

DEBUG: ParameterBinding Information: 0 : Parameter [Name] PIPELINE INPUT ValueFromPipelineByPropertyName NO

COERCION

DEBUG: ParameterBinding Information: 0 : Parameter [ComputerName] PIPELINE INPUT ValueFromPipelineByPropertyName NO

COERCION

DEBUG: ParameterBinding Information: 0 : BIND arg [LOCALHOST] to parameter [ComputerName]

DEBUG: ParameterBinding Information: 0 : Binding collection parameter ComputerName: argument type [String],

parameter type [System.String[]], collection type Array, element type [System.String], no coerceElementType

DEBUG: ParameterBinding Information: 0 : Creating array with element type [System.String] and 1 elements

DEBUG: ParameterBinding Information: 0 : Argument type String is not IList, treating this as scalar

DEBUG: ParameterBinding Information: 0 : Adding scalar element of type String to array position 0

DEBUG: ParameterBinding Information: 0 : Executing VALIDATION metadata:

[System.Management.Automation.ValidateNotNullOrEmptyAttribute]

DEBUG: ParameterBinding Information: 0 : BIND arg [System.String[]] to param [ComputerName] SUCCESSFUL

DEBUG: ParameterBinding Information: 0 : Parameter [Name] PIPELINE INPUT ValueFromPipeline WITH COERCION

DEBUG: ParameterBinding Information: 0 : BIND arg [@{Computername=LOCALHOST}] to parameter [Name]

DEBUG: ParameterBinding Information: 0 : COERCE arg to [System.String[]]

DEBUG: ParameterBinding Information: 0 : Trying to convert argument value from

System.Management.Automation.PSObject to System.String[]

DEBUG: ParameterBinding Information: 0 : ENCODING arg into collection

DEBUG: ParameterBinding Information: 0 : Binding collection parameter Name: argument type [PSObject],

parameter type [System.String[]], collection type Array, element type [System.String], coerceElementType

DEBUG: ParameterBinding Information: 0 : Creating array with element type [System.String] and 1 elements

DEBUG: ParameterBinding Information: 0 : Argument type PSObject is not IList, treating this as scalar

DEBUG: ParameterBinding Information: 0 : COERCE arg to [System.String]

DEBUG: ParameterBinding Information: 0 : Trying to convert argument value from

System.Management.Automation.PSObject to System.String

DEBUG: ParameterBinding Information: 0 : CONVERT arg type to param type using

LanguagePrimitives.ConvertTo

DEBUG: ParameterBinding Information: 0 : CONVERT SUCCESSFUL using LanguagePrimitives.ConvertTo:

[@{Computername=LOCALHOST}]

DEBUG: ParameterBinding Information: 0 : Adding scalar element of type String to array position 0

DEBUG: ParameterBinding Information: 0 : BIND arg [System.String[]] to param [Name] SUCCESSFUL

DEBUG: ParameterBinding Information: 0 : MANDATORY PARAMETER CHECK on cmdlet [Get-Service]

DEBUG: ParameterBinding Information: 0 : BIND PIPELINE object to parameters: [Out-Default]

DEBUG: ParameterBinding Information: 0 : PIPELINE object TYPE = [System.Management.Automation.ErrorRecord]

DEBUG: ParameterBinding Information: 0 : RESTORING pipeline parameter's original values

DEBUG: ParameterBinding Information: 0 : Parameter [InputObject] PIPELINE INPUT ValueFromPipeline NO COERCION

DEBUG: ParameterBinding Information: 0 : BIND arg [Cannot find any service with service name

'@{Computername=LOCALHOST}'.] to parameter [InputObject]

DEBUG: ParameterBinding Information: 0 : BIND arg [Cannot find any service with service name

'@{Computername=LOCALHOST}'.] to param [InputObject] SUCCESSFUL

DEBUG: ParameterBinding Information: 0 : MANDATORY PARAMETER CHECK on cmdlet [Out-Default]

DEBUG: ParameterBinding Information: 0 : BIND NAMED cmd line args [Out-LineOutput]

DEBUG: ParameterBinding Information: 0 : BIND arg [Microsoft.PowerShell.Commands.Internal.Format.ConsoleLineOutput]

to parameter [LineOutput]

DEBUG: ParameterBinding Information: 0 : COERCE arg to [System.Object]

DEBUG: ParameterBinding Information: 0 : Parameter and arg types the same, no coercion is needed.

DEBUG: ParameterBinding Information: 0 : BIND arg

[Microsoft.PowerShell.Commands.Internal.Format.ConsoleLineOutput] to param [LineOutput] SUCCESSFUL

DEBUG: ParameterBinding Information: 0 : BIND POSITIONAL cmd line args [Out-LineOutput]

DEBUG: ParameterBinding Information: 0 : MANDATORY PARAMETER CHECK on cmdlet [Out-LineOutput]

DEBUG: ParameterBinding Information: 0 : CALLING BeginProcessing

DEBUG: ParameterBinding Information: 0 : BIND PIPELINE object to parameters: [Out-LineOutput]

DEBUG: ParameterBinding Information: 0 : PIPELINE object TYPE = [System.Management.Automation.ErrorRecord]

DEBUG: ParameterBinding Information: 0 : RESTORING pipeline parameter's original values

DEBUG: ParameterBinding Information: 0 : Parameter [InputObject] PIPELINE INPUT ValueFromPipeline NO COERCION

DEBUG: ParameterBinding Information: 0 : BIND arg [Cannot find any service with service name

'@{Computername=LOCALHOST}'.] to parameter [InputObject]

DEBUG: ParameterBinding Information: 0 : BIND arg [Cannot find any service with service name

'@{Computername=LOCALHOST}'.] to param [InputObject] SUCCESSFUL

DEBUG: ParameterBinding Information: 0 : MANDATORY PARAMETER CHECK on cmdlet [out-lineoutput]

DEBUG: ParameterBinding Information: 0 : BIND NAMED cmd line args [Format-Default]

DEBUG: ParameterBinding Information: 0 : BIND POSITIONAL cmd line args [Format-Default]

DEBUG: ParameterBinding Information: 0 : MANDATORY PARAMETER CHECK on cmdlet [Format-Default]

DEBUG: ParameterBinding Information: 0 : CALLING BeginProcessing

DEBUG: ParameterBinding Information: 0 : BIND PIPELINE object to parameters: [Format-Default]

DEBUG: ParameterBinding Information: 0 : PIPELINE object TYPE = [System.Management.Automation.ErrorRecord]

DEBUG: ParameterBinding Information: 0 : RESTORING pipeline parameter's original values

DEBUG: ParameterBinding Information: 0 : Parameter [InputObject] PIPELINE INPUT ValueFromPipeline NO COERCION

DEBUG: ParameterBinding Information: 0 : BIND arg [Cannot find any service with service name

'@{Computername=LOCALHOST}'.] to parameter [InputObject]

DEBUG: ParameterBinding Information: 0 : BIND arg [Cannot find any service with service name

'@{Computername=LOCALHOST}'.] to param [InputObject] SUCCESSFUL

DEBUG: ParameterBinding Information: 0 : MANDATORY PARAMETER CHECK on cmdlet [format-default]

DEBUG: ParameterBinding Information: 0 : BIND NAMED cmd line args [Set-StrictMode]

DEBUG: ParameterBinding Information: 0 : BIND arg [1] to parameter [Version]

DEBUG: ParameterBinding Information: 0 : Executing DATA GENERATION metadata:

[Microsoft.PowerShell.Commands.SetStrictModeCommand+ArgumentToVersionTransformationAttribute]

DEBUG: ParameterBinding Information: 0 : result returned from DATA GENERATION: 1.0

DEBUG: ParameterBinding Information: 0 : COERCE arg to [System.Version]

DEBUG: ParameterBinding Information: 0 : Parameter and arg types the same, no coercion is needed.

DEBUG: ParameterBinding Information: 0 : Executing VALIDATION metadata:

[Microsoft.PowerShell.Commands.SetStrictModeCommand+ValidateVersionAttribute]

DEBUG: ParameterBinding Information: 0 : BIND arg [1.0] to param [Version] SUCCESSFUL

DEBUG: ParameterBinding Information: 0 : BIND POSITIONAL cmd line args [Set-StrictMode]

DEBUG: ParameterBinding Information: 0 : MANDATORY PARAMETER CHECK on cmdlet [Set-StrictMode]

DEBUG: ParameterBinding Information: 0 : CALLING BeginProcessing

DEBUG: ParameterBinding Information: 0 : CALLING EndProcessing

DEBUG: ParameterBinding Information: 0 : BIND NAMED cmd line args [Set-StrictMode]

DEBUG: ParameterBinding Information: 0 : BIND arg [1] to parameter [Version]

DEBUG: ParameterBinding Information: 0 : Executing DATA GENERATION metadata:

[Microsoft.PowerShell.Commands.SetStrictModeCommand+ArgumentToVersionTransformationAttribute]

DEBUG: ParameterBinding Information: 0 : result returned from DATA GENERATION: 1.0

DEBUG: ParameterBinding Information: 0 : COERCE arg to [System.Version]

DEBUG: ParameterBinding Information: 0 : Parameter and arg types the same, no coercion is needed.

DEBUG: ParameterBinding Information: 0 : Executing VALIDATION metadata:

[Microsoft.PowerShell.Commands.SetStrictModeCommand+ValidateVersionAttribute]

DEBUG: ParameterBinding Information: 0 : BIND arg [1.0] to param [Version] SUCCESSFUL

DEBUG: ParameterBinding Information: 0 : BIND POSITIONAL cmd line args [Set-StrictMode]

DEBUG: ParameterBinding Information: 0 : MANDATORY PARAMETER CHECK on cmdlet [Set-StrictMode]

DEBUG: ParameterBinding Information: 0 : CALLING BeginProcessing

DEBUG: ParameterBinding Information: 0 : CALLING EndProcessing

DEBUG: ParameterBinding Information: 0 : BIND NAMED cmd line args [Set-StrictMode]

DEBUG: ParameterBinding Information: 0 : BIND arg [1] to parameter [Version]

DEBUG: ParameterBinding Information: 0 : Executing DATA GENERATION metadata:

[Microsoft.PowerShell.Commands.SetStrictModeCommand+ArgumentToVersionTransformationAttribute]

DEBUG: ParameterBinding Information: 0 : result returned from DATA GENERATION: 1.0

DEBUG: ParameterBinding Information: 0 : COERCE arg to [System.Version]

DEBUG: ParameterBinding Information: 0 : Parameter and arg types the same, no coercion is needed.

DEBUG: ParameterBinding Information: 0 : Executing VALIDATION metadata:

[Microsoft.PowerShell.Commands.SetStrictModeCommand+ValidateVersionAttribute]

DEBUG: ParameterBinding Information: 0 : BIND arg [1.0] to param [Version] SUCCESSFUL

DEBUG: ParameterBinding Information: 0 : BIND POSITIONAL cmd line args [Set-StrictMode]

DEBUG: ParameterBinding Information: 0 : MANDATORY PARAMETER CHECK on cmdlet [Set-StrictMode]

DEBUG: ParameterBinding Information: 0 : CALLING BeginProcessing

DEBUG: ParameterBinding Information: 0 : CALLING EndProcessing

DEBUG: ParameterBinding Information: 0 : BIND NAMED cmd line args [Set-StrictMode]

DEBUG: ParameterBinding Information: 0 : BIND arg [1] to parameter [Version]

DEBUG: ParameterBinding Information: 0 : Executing DATA GENERATION metadata:

[Microsoft.PowerShell.Commands.SetStrictModeCommand+ArgumentToVersionTransformationAttribute]

DEBUG: ParameterBinding Information: 0 : result returned from DATA GENERATION: 1.0

DEBUG: ParameterBinding Information: 0 : COERCE arg to [System.Version]

DEBUG: ParameterBinding Information: 0 : Parameter and arg types the same, no coercion is needed.

DEBUG: ParameterBinding Information: 0 : Executing VALIDATION metadata:

[Microsoft.PowerShell.Commands.SetStrictModeCommand+ValidateVersionAttribute]

DEBUG: ParameterBinding Information: 0 : BIND arg [1.0] to param [Version] SUCCESSFUL

DEBUG: ParameterBinding Information: 0 : BIND POSITIONAL cmd line args [Set-StrictMode]

DEBUG: ParameterBinding Information: 0 : MANDATORY PARAMETER CHECK on cmdlet [Set-StrictMode]

DEBUG: ParameterBinding Information: 0 : CALLING BeginProcessing

DEBUG: ParameterBinding Information: 0 : CALLING EndProcessing

get-service : Cannot find any service with service name '@{Computername=LOCALHOST}'.

At line:1 char:104

+ ... nvoke-command {get-service}}

+ ~~~~~~~~~~~

+ CategoryInfo : ObjectNotFound: (@{Computername=LOCALHOST}:String) [Get-Service], ServiceCommandExceptio

n

+ FullyQualifiedErrorId : NoServiceFoundForGivenName,Microsoft.PowerShell.Commands.GetServiceCommand

DEBUG: ParameterBinding Information: 0 : BIND PIPELINE object to parameters: [Invoke-Command]

DEBUG: ParameterBinding Information: 0 : PIPELINE object TYPE = [System.Management.Automation.PSCustomObject]

DEBUG: ParameterBinding Information: 0 : RESTORING pipeline parameter's original values

DEBUG: ParameterBinding Information: 0 : Parameter [InputObject] PIPELINE INPUT ValueFromPipeline NO COERCION

DEBUG: ParameterBinding Information: 0 : BIND arg [@{Computername=NOTONLINE}] to parameter [InputObject]

DEBUG: ParameterBinding Information: 0 : BIND arg [@{Computername=NOTONLINE}] to param [InputObject] SUCCESSFUL

DEBUG: ParameterBinding Information: 0 : MANDATORY PARAMETER CHECK on cmdlet [Invoke-Command]

DEBUG: ParameterBinding Information: 0 : BIND PIPELINE object to parameters: [Get-Service]

DEBUG: ParameterBinding Information: 0 : PIPELINE object TYPE = [System.Management.Automation.PSCustomObject]

DEBUG: ParameterBinding Information: 0 : RESTORING pipeline parameter's original values

DEBUG: ParameterBinding Information: 0 : Parameter [Name] PIPELINE INPUT ValueFromPipeline NO COERCION

DEBUG: ParameterBinding Information: 0 : BIND arg [@{Computername=NOTONLINE}] to parameter [Name]

DEBUG: ParameterBinding Information: 0 : Binding collection parameter Name: argument type [PSObject], parameter

type [System.String[]], collection type Array, element type [System.String], no coerceElementType

DEBUG: ParameterBinding Information: 0 : Creating array with element type [System.String] and 1 elements

DEBUG: ParameterBinding Information: 0 : Argument type PSObject is not IList, treating this as scalar

DEBUG: ParameterBinding Information: 0 : BIND arg [@{Computername=NOTONLINE}] to param [Name] SKIPPED

DEBUG: ParameterBinding Information: 0 : Parameter [ComputerName] PIPELINE INPUT ValueFromPipelineByPropertyName NO

COERCION

DEBUG: ParameterBinding Information: 0 : BIND arg [NOTONLINE] to parameter [ComputerName]

DEBUG: ParameterBinding Information: 0 : Binding collection parameter ComputerName: argument type [String],

parameter type [System.String[]], collection type Array, element type [System.String], no coerceElementType

DEBUG: ParameterBinding Information: 0 : Creating array with element type [System.String] and 1 elements

DEBUG: ParameterBinding Information: 0 : Argument type String is not IList, treating this as scalar

DEBUG: ParameterBinding Information: 0 : Adding scalar element of type String to array position 0

DEBUG: ParameterBinding Information: 0 : Executing VALIDATION metadata:

[System.Management.Automation.ValidateNotNullOrEmptyAttribute]

DEBUG: ParameterBinding Information: 0 : BIND arg [System.String[]] to param [ComputerName] SUCCESSFUL

DEBUG: ParameterBinding Information: 0 : Parameter [Name] PIPELINE INPUT ValueFromPipelineByPropertyName NO

COERCION

DEBUG: ParameterBinding Information: 0 : Parameter [Name] PIPELINE INPUT ValueFromPipeline WITH COERCION

DEBUG: ParameterBinding Information: 0 : BIND arg [@{Computername=NOTONLINE}] to parameter [Name]

DEBUG: ParameterBinding Information: 0 : COERCE arg to [System.String[]]

DEBUG: ParameterBinding Information: 0 : Trying to convert argument value from

System.Management.Automation.PSObject to System.String[]

DEBUG: ParameterBinding Information: 0 : ENCODING arg into collection

DEBUG: ParameterBinding Information: 0 : Binding collection parameter Name: argument type [PSObject],

parameter type [System.String[]], collection type Array, element type [System.String], coerceElementType

DEBUG: ParameterBinding Information: 0 : Creating array with element type [System.String] and 1 elements

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DEBUG: ParameterBinding Information: 0 : Trying to convert argument value from

System.Management.Automation.PSObject to System.String

DEBUG: ParameterBinding Information: 0 : CONVERT arg type to param type using

LanguagePrimitives.ConvertTo

DEBUG: ParameterBinding Information: 0 : CONVERT SUCCESSFUL using LanguagePrimitives.ConvertTo:

[@{Computername=NOTONLINE}]

DEBUG: ParameterBinding Information: 0 : Adding scalar element of type String to array position 0

DEBUG: ParameterBinding Information: 0 : BIND arg [System.String[]] to param [Name] SUCCESSFUL

DEBUG: ParameterBinding Information: 0 : MANDATORY PARAMETER CHECK on cmdlet [Get-Service]

DEBUG: ParameterBinding Information: 0 : BIND PIPELINE object to parameters: [Out-Default]

DEBUG: ParameterBinding Information: 0 : PIPELINE object TYPE = [System.Management.Automation.ErrorRecord]

DEBUG: ParameterBinding Information: 0 : RESTORING pipeline parameter's original values

DEBUG: ParameterBinding Information: 0 : Parameter [InputObject] PIPELINE INPUT ValueFromPipeline NO COERCION

DEBUG: ParameterBinding Information: 0 : BIND arg [Cannot find any service with service name

'@{Computername=NOTONLINE}'.] to parameter [InputObject]

DEBUG: ParameterBinding Information: 0 : BIND arg [Cannot find any service with service name

'@{Computername=NOTONLINE}'.] to param [InputObject] SUCCESSFUL

DEBUG: ParameterBinding Information: 0 : MANDATORY PARAMETER CHECK on cmdlet [Out-Default]

DEBUG: ParameterBinding Information: 0 : BIND PIPELINE object to parameters: [Out-LineOutput]

DEBUG: ParameterBinding Information: 0 : PIPELINE object TYPE = [System.Management.Automation.ErrorRecord]

DEBUG: ParameterBinding Information: 0 : RESTORING pipeline parameter's original values

DEBUG: ParameterBinding Information: 0 : Parameter [InputObject] PIPELINE INPUT ValueFromPipeline NO COERCION

DEBUG: ParameterBinding Information: 0 : BIND arg [Cannot find any service with service name

'@{Computername=NOTONLINE}'.] to parameter [InputObject]

DEBUG: ParameterBinding Information: 0 : BIND arg [Cannot find any service with service name

'@{Computername=NOTONLINE}'.] to param [InputObject] SUCCESSFUL

DEBUG: ParameterBinding Information: 0 : MANDATORY PARAMETER CHECK on cmdlet [out-lineoutput]

DEBUG: ParameterBinding Information: 0 : BIND PIPELINE object to parameters: [Format-Default]

DEBUG: ParameterBinding Information: 0 : PIPELINE object TYPE = [System.Management.Automation.ErrorRecord]

DEBUG: ParameterBinding Information: 0 : RESTORING pipeline parameter's original values

DEBUG: ParameterBinding Information: 0 : Parameter [InputObject] PIPELINE INPUT ValueFromPipeline NO COERCION

DEBUG: ParameterBinding Information: 0 : BIND arg [Cannot find any service with service name

'@{Computername=NOTONLINE}'.] to parameter [InputObject]

DEBUG: ParameterBinding Information: 0 : BIND arg [Cannot find any service with service name

'@{Computername=NOTONLINE}'.] to param [InputObject] SUCCESSFUL

DEBUG: ParameterBinding Information: 0 : MANDATORY PARAMETER CHECK on cmdlet [format-default]

DEBUG: ParameterBinding Information: 0 : BIND NAMED cmd line args [Set-StrictMode]

DEBUG: ParameterBinding Information: 0 : BIND arg [1] to parameter [Version]

DEBUG: ParameterBinding Information: 0 : Executing DATA GENERATION metadata:

[Microsoft.PowerShell.Commands.SetStrictModeCommand+ArgumentToVersionTransformationAttribute]

DEBUG: ParameterBinding Information: 0 : result returned from DATA GENERATION: 1.0

DEBUG: ParameterBinding Information: 0 : COERCE arg to [System.Version]

DEBUG: ParameterBinding Information: 0 : Parameter and arg types the same, no coercion is needed.

DEBUG: ParameterBinding Information: 0 : Executing VALIDATION metadata:

[Microsoft.PowerShell.Commands.SetStrictModeCommand+ValidateVersionAttribute]

DEBUG: ParameterBinding Information: 0 : BIND arg [1.0] to param [Version] SUCCESSFUL

DEBUG: ParameterBinding Information: 0 : BIND POSITIONAL cmd line args [Set-StrictMode]

DEBUG: ParameterBinding Information: 0 : MANDATORY PARAMETER CHECK on cmdlet [Set-StrictMode]

DEBUG: ParameterBinding Information: 0 : CALLING BeginProcessing

DEBUG: ParameterBinding Information: 0 : CALLING EndProcessing

DEBUG: ParameterBinding Information: 0 : BIND NAMED cmd line args [Set-StrictMode]

DEBUG: ParameterBinding Information: 0 : BIND arg [1] to parameter [Version]

DEBUG: ParameterBinding Information: 0 : Executing DATA GENERATION metadata:

[Microsoft.PowerShell.Commands.SetStrictModeCommand+ArgumentToVersionTransformationAttribute]

DEBUG: ParameterBinding Information: 0 : result returned from DATA GENERATION: 1.0

DEBUG: ParameterBinding Information: 0 : COERCE arg to [System.Version]

DEBUG: ParameterBinding Information: 0 : Parameter and arg types the same, no coercion is needed.

DEBUG: ParameterBinding Information: 0 : Executing VALIDATION metadata:

[Microsoft.PowerShell.Commands.SetStrictModeCommand+ValidateVersionAttribute]

DEBUG: ParameterBinding Information: 0 : BIND arg [1.0] to param [Version] SUCCESSFUL

DEBUG: ParameterBinding Information: 0 : BIND POSITIONAL cmd line args [Set-StrictMode]

DEBUG: ParameterBinding Information: 0 : MANDATORY PARAMETER CHECK on cmdlet [Set-StrictMode]

DEBUG: ParameterBinding Information: 0 : CALLING BeginProcessing

DEBUG: ParameterBinding Information: 0 : CALLING EndProcessing

DEBUG: ParameterBinding Information: 0 : BIND NAMED cmd line args [Set-StrictMode]

DEBUG: ParameterBinding Information: 0 : BIND arg [1] to parameter [Version]

DEBUG: ParameterBinding Information: 0 : Executing DATA GENERATION metadata:

[Microsoft.PowerShell.Commands.SetStrictModeCommand+ArgumentToVersionTransformationAttribute]

DEBUG: ParameterBinding Information: 0 : result returned from DATA GENERATION: 1.0

DEBUG: ParameterBinding Information: 0 : COERCE arg to [System.Version]

DEBUG: ParameterBinding Information: 0 : Parameter and arg types the same, no coercion is needed.

DEBUG: ParameterBinding Information: 0 : Executing VALIDATION metadata:

[Microsoft.PowerShell.Commands.SetStrictModeCommand+ValidateVersionAttribute]

DEBUG: ParameterBinding Information: 0 : BIND arg [1.0] to param [Version] SUCCESSFUL

DEBUG: ParameterBinding Information: 0 : BIND POSITIONAL cmd line args [Set-StrictMode]

DEBUG: ParameterBinding Information: 0 : MANDATORY PARAMETER CHECK on cmdlet [Set-StrictMode]

DEBUG: ParameterBinding Information: 0 : CALLING BeginProcessing

DEBUG: ParameterBinding Information: 0 : CALLING EndProcessing

DEBUG: ParameterBinding Information: 0 : BIND NAMED cmd line args [Set-StrictMode]

DEBUG: ParameterBinding Information: 0 : BIND arg [1] to parameter [Version]

DEBUG: ParameterBinding Information: 0 : Executing DATA GENERATION metadata:

[Microsoft.PowerShell.Commands.SetStrictModeCommand+ArgumentToVersionTransformationAttribute]

DEBUG: ParameterBinding Information: 0 : result returned from DATA GENERATION: 1.0

DEBUG: ParameterBinding Information: 0 : COERCE arg to [System.Version]

DEBUG: ParameterBinding Information: 0 : Parameter and arg types the same, no coercion is needed.

DEBUG: ParameterBinding Information: 0 : Executing VALIDATION metadata:

[Microsoft.PowerShell.Commands.SetStrictModeCommand+ValidateVersionAttribute]

DEBUG: ParameterBinding Information: 0 : BIND arg [1.0] to param [Version] SUCCESSFUL

DEBUG: ParameterBinding Information: 0 : BIND POSITIONAL cmd line args [Set-StrictMode]

DEBUG: ParameterBinding Information: 0 : MANDATORY PARAMETER CHECK on cmdlet [Set-StrictMode]

DEBUG: ParameterBinding Information: 0 : CALLING BeginProcessing

DEBUG: ParameterBinding Information: 0 : CALLING EndProcessing

get-service : Cannot find any service with service name '@{Computername=NOTONLINE}'.

At line:1 char:104

+ ... nvoke-command {get-service}}

+ ~~~~~~~~~~~

+ CategoryInfo : ObjectNotFound: (@{Computername=NOTONLINE}:String) [Get-Service], ServiceCommandExceptio

n

+ FullyQualifiedErrorId : NoServiceFoundForGivenName,Microsoft.PowerShell.Commands.GetServiceCommand

DEBUG: ParameterBinding Information: 0 : CALLING EndProcessing

DEBUG: ParameterBinding Information: 0 : CALLING EndProcessing

DEBUG: ParameterBinding Information: 0 : CALLING EndProcessing