Chapter 20 Lab

To complete this lab, you’re going to want to have two computers: one to remote from, and another to remote to. If you only have one computer, use its computer name to remote to it. You should get the same essential experience that way.

1. Close all open sessions in your shell.  
     
   get-pssession | Remove-PSSession
2. Establish a session to the remote computer. Save the session in a variable named $session.  
     
   $session=new-pssession –computername localhost
3. Use the $session variable to establish a one-to-one remote shell session with the remote computer. Display a list of processes, and then exit.  
     
   enter-pssession $session  
   Get-Process  
   Exit
4. Use the $session variable with Invoke-Command to get a list of services from the remote computer.  
     
   invoke-command -ScriptBlock { get-service } -Session $session
5. Use Get-PSSession and Invoke-Command to get a list of the 20 most recent Security event log entries from the remote computer.  
     
   Invoke-Command -ScriptBlock {get-eventlog -LogName System -Newest 20} -Session (Get-PSSession)
6. Use Invoke-Command and your $session variable to load the ServerManager module on the remote computer.  
     
   Invoke-Command -ScriptBlock {Import-Module ServerManager} -Session $session
7. Import the ServerManager module’s commands from the remote computer to your computer. Add the prefix “rem” to the imported commands’ nouns.  
     
   Import-PSSession -Session $session -Prefix rem -Module ServerManager
8. Run the imported Get-WindowsFeature command.  
     
   Get-RemWindowsFeature
9. Close the session that’s in your $session variable.  
     
   Remove-PSSession -Session $session