Powershell 3 Lab Chapter 18

**1. Create a background job that queries the Win32\_BIOS information from two computers (use “localhost” twice if you only have one computer to experiment with).**

PS> Start-Job {Get-WMIObject Win32\_BIOS –ComputerName Laertes, Claudius}

Id Name PSJobTypeName State HasMoreData Location Command

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1 Job1 BackgroundJob Running True localhost Get-WMIObject Wi...

**2. When the job finishes running, receive the results of the job into a variable.**

PS > $BIOSJob = Receive-Job 1

**3. Display the contents of that variable.**

PS> $BIOSJob

SMBIOSBIOSVersion : 6.00

Manufacturer : Phoenix Technologies LTD

Name : PhoenixBIOS 4.0 Release 6.0

SerialNumber : VMware-56 4d b7 6a 0e 05 73 f0-1a f3 34 4c 46 b0 f1 cf

Version : INTEL - 6040000

SMBIOSBIOSVersion : 6.00

Manufacturer : Phoenix Technologies LTD

Name : PhoenixBIOS 4.0 Release 6.0

SerialNumber : VMware-56 4d 84 5a 91 3f 0e 0c-c8 dd 69 91 d3 3c c7 d5

Version : INTEL - 6040000

**4. Export the variable’s contents to a CliXML file.**

PS> $BIOSJob | Export-CliXML C:\BIOSJobs.xml

PS> Get-Content C:\BIOSJobs.xml

<Objs Version="1.1.0.1" xmlns="http://schemas.microsoft.com/powershell/2004/04">

<Obj RefId="0">

<TN RefId="0">

<T>Deserialized.System.Management.ManagementObject#root\cimv2\Win32\_BIO  
S</T>

<T>Deserialized.System.Management.ManagementObject#root\cimv2\CIM\_BIOSE  
lement</T>

<T>Deserialized.System.Management.ManagementObject#root\cimv2\CIM\_Softw  
areElement</T>

<T>Deserialized.System.Management.ManagementObject#root\cimv2\CIM\_Logic  
alElement</T>

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