



CYB 300 Milestone One Worksheet

Andree Salvo

Southern New Hampshire University

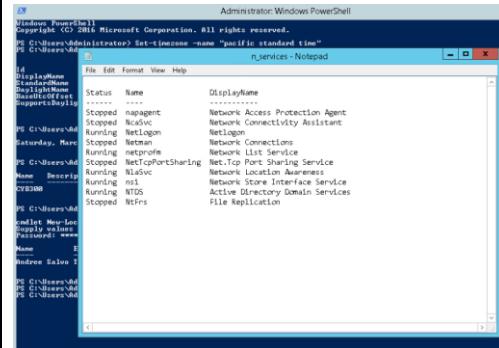
CYB 300

Instructor: Jason Keltner

Note: The screenshots in the box are small; you will need to zoom in when reviewing this.



Required Script Element	Bash Script Statement	Screenshot
Change time zone to Pacific/Tahiti Time	<ul style="list-style-type: none"> • Get-timezone -ListAvailable • Set-Timezone -name "Pacific Standard Time" • Get-timezone 	<pre> Administrator: Windows PowerShell PS C:\Users\AndreeSalvo> Get-timezone -ListAvailable DaylightName : Eastern Daylight Time StandardName : Eastern Standard Time Id : 1 SupportsDaylightSavingTime : True BaseUtcOffset : 14400000 IsDSTSupported : True PS C:\Users\AndreeSalvo> Set-Timezone -Name "Pacific Standard Time" PS C:\Users\AndreeSalvo> Get-timezone DaylightName : Pacific Standard Time StandardName : Pacific Standard Time Id : 2 BaseUtcOffset : 10800000 SupportsDaylightSavingTime : True PS C:\Users\AndreeSalvo> Andree Salvo </pre>
Set date/time to 6:00 a.m. on March 1 of this year	<ul style="list-style-type: none"> • Get-date -date "2025/03/01 6:00" 	<pre> Administrator: Windows PowerShell PS C:\Users\AndreeSalvo> Get-date -date "2025/03/01 6:00" DaylightName : Pacific Standard Time StandardName : Pacific Standard Time (US & Canada) Id : 2 BaseUtcOffset : 10800000 SupportsDaylightSavingTime : True PS C:\Users\AndreeSalvo> Andree Salvo </pre>
Create a new user group called CYB300	<ul style="list-style-type: none"> • New-localgroup -name "CYB300" 	<pre> Administrator: Windows PowerShell PS C:\Users\AndreeSalvo> Set-Timezone -Name "Pacific Standard Time" PS C:\Users\AndreeSalvo> Get-timezone DaylightName : Pacific Standard Time StandardName : Pacific Standard Time (US & Canada) Id : 2 BaseUtcOffset : 10800000 SupportsDaylightSavingTime : True PS C:\Users\AndreeSalvo> Get-date -date "2025-03-01 6:00" Saturday, March 1, 2025 6:00:00 AM PS C:\Users\AndreeSalvo> New-LocalGroup -Name "CYB300" New-LocalGroup : The specified name conflicts with the name of a cmdlet, function, script file, or assembly. At line:1 char:1 + New-LocalGroup -Name "CYB300" + ~~~~~ + CategoryInfo : ObjectNameConflict: (CYB300:LocalGroup) [New-LocalGroup], NameException + FullyQualifiedErrorId : CategoryInfoObjectConflict, CmdletByNameFoundException PS C:\Users\AndreeSalvo> Andree Salvo </pre>
Create a new local user with the following parameters:	<ul style="list-style-type: none"> • Username: First-Name-Last-Name • Password: Password123 • Member of CYB300 group 	<pre> PS C:\Users\AndreeSalvo> New-localuser -Name "Andree Salvo" -Description "CYB300" cmdlet New-LocalUser at command pipeline position 1 Supply values for the following parameters: Password: ***** Name Enabled Description ----- ----- ----- Andree Salvo True CYB300 PS C:\Users\AndreeSalvo> Andree Salvo </pre>

<p>Display a list of running processes beginning with "n" and send them to a text file named "n_Services.txt"</p>	<ul style="list-style-type: none"> Get-Service n* >n_Services.txt Notepad ./n_Services.txt 	 <table border="1"> <thead> <tr> <th>ID</th> <th>CommandLine</th> <th>Status</th> <th>Name</th> <th>DisplayName</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td>Stopped</td><td>napagent</td><td>Network Access Protection Agent</td></tr> <tr><td>2</td><td></td><td>Stopped</td><td>Ncavsc</td><td>Network Connectivity Assistant</td></tr> <tr><td>3</td><td></td><td>Stopped</td><td>NetLogon</td><td>NetLogon</td></tr> <tr><td>4</td><td></td><td>Stopped</td><td>Netman</td><td>Network Connections</td></tr> <tr><td>5</td><td></td><td>Running</td><td>netprofm</td><td>Network List Service</td></tr> <tr><td>6</td><td></td><td>Running</td><td>netrlogon</td><td>Network Logon Service</td></tr> <tr><td>7</td><td></td><td>Running</td><td>netwksvc</td><td>Network Location Awareness</td></tr> <tr><td>8</td><td></td><td>Running</td><td>nisvc</td><td>Network Store Interface Service</td></tr> <tr><td>9</td><td></td><td>Running</td><td>NTDS</td><td>Active Directory Domain Services</td></tr> <tr><td>10</td><td></td><td>Stopped</td><td>Ntfrs</td><td>File Replication</td></tr> </tbody> </table>	ID	CommandLine	Status	Name	DisplayName	1		Stopped	napagent	Network Access Protection Agent	2		Stopped	Ncavsc	Network Connectivity Assistant	3		Stopped	NetLogon	NetLogon	4		Stopped	Netman	Network Connections	5		Running	netprofm	Network List Service	6		Running	netrlogon	Network Logon Service	7		Running	netwksvc	Network Location Awareness	8		Running	nisvc	Network Store Interface Service	9		Running	NTDS	Active Directory Domain Services	10		Stopped	Ntfrs	File Replication
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<p>Export Bash history to text file named "CYB_300_History_Firstname_Lastname.txt"</p>	<ul style="list-style-type: none"> History > CYB_300_History_Andree_Salvo.txt Cat CYB_300_History_Andree_Salvo.txt 	<pre>PS C:\Users\Administrator> get-service n* >n_services.txt PS C:\Users\Administrator> notepad .\n_services.txt PS C:\Users\Administrator> history > CYB_300_History_Andree_Salvo.txt PS C:\Users\Administrator> cat CYB_300_History_Andree_Salvo.txt Id CommandLine 1 Set-timezone -name "pacific standard time" get-date -date "2025-03-01 6:00" 3 get-date -date "2025-03-01 6:00" 4 New-localgroup -name "CYB300" 5 Add-localgroupmember -groupname "CYB300" -username "Andree_Salvo" 6 get-service n* >n_services.txt 7 notepad .\n_services.txt PS C:\Users\Administrator> _</pre>																																																							
<p>Create a single executable script that contains all the Bash script statements.</p>	<pre>#!/bin/bash sudo timedatectl set-timezone Pacific/Tahiti timedatectl sudo date --set="2025-03-01 06:00" sudo groupadd CYB300 sudo useradd -m -c "CYB300" -G CYB300 "Andree_Salvo" systemctl list-units --type=service > n_services.txt cat ~/.bash_history > CYB_300_History_Andree_Salvo.txt</pre>	<pre>student@xubuntu:~\$ cd ~ student@xubuntu:~\$ nano CYB_300_Script_Andree_Salvo.sh student@xubuntu:~\$ chmod +x CYB_300_Script_Andree_Salvo.sh student@xubuntu:~\$./CYB_300_Script_Andree_Salvo.sh [sudo] password for student: Local time: Tue 2025-07-08 17:03:57 -10 Universal time: Wed 2025-07-09 03:03:57 UTC RTC time: Wed 2025-07-09 03:03:57 Time zone: Pacific/Tahiti (-10, -1000) System clock synchronized: yes NTP service: active RTC in local TZ: no Sat Mar 1 06:00:00 AM -10 2025 student@xubuntu:~\$ cat CYB_300_Script_Andree_Salvo.sh #!/bin/bash sudo timedatectl set-timezone Pacific/Tahiti timedatectl sudo date --set="2025-03-01 06:00" sudo groupadd CYB300 sudo useradd -m -c "CYB300" -G CYB300 "Andree_Salvo" systemctl list-units --type=service > n_services.txt cat ~/.bash_history > CYB_300_History_Andree_Salvo.txt student@xubuntu:~\$</pre>																																																							