Windows IoT PowerShell Notes

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| Connect To Device – Step 1 | Start WinRM service | Net start WinRM |  |
| Connect To Device – Step 1 | Let windows know you trust the device | Set-Item WSMan:\localhost\Client\TrustedHosts -Value ***10.0.199.127*** |  |
| Change Administrator Password |  | net user Administrator ***newpassword*** |  |
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|  |  |  |  |
| Connect To Device – Step 2 | Start Session | Enter-PSSession -ComputerName ***10.0.199.127*** -Credential ***10.0.199.127\Administrator*** |  |
| Time Server | View | Get-ItemProperty -Path HKLM:\SYSTEM\CurrentControlSet\Services\W32Time\Parameters |  |
| Time Server | Set | Set-ItemProperty -Path HKLM:\SYSTEM\CurrentControlSet\Services\W32Time\Parameters –Name NtpServer -Value **24.56.178.140,0x9** |  |
| Scheduled Task – Step 1 | Create a PowerShell Script and place it on the root of c: on the device *(see fig* | Example of a script that forces a time update. w32tm /resync /force  Save as *scriptname.ps1* |  |
| Scheduled Task – Step 2 | From a PowerShell session connected to your device, schedule the task to run on boot. | schtasks /Create /SC ONSTART /TN TimeSync /TR c:\SyncTime.ps1 |  |

## Time Servers

<http://tf.nist.gov/tf-cgi/servers.cgi>

Set-Item WSMan:\localhost\Client\TrustedHosts -Value m155spark

Set-Item WSMan:\localhost\Client\TrustedHosts -Value m944spark

Set-Item WSMan:\localhost\Client\TrustedHosts -Value m1081spark

Set-Item WSMan:\localhost\Client\TrustedHosts -Value m1087spark

Set-Item WSMan:\localhost\Client\TrustedHosts -Value zumbachpispark

Enter-PSSession -ComputerName m155spark -Credential m155spark\Administrator

Enter-PSSession -ComputerName m944spark -Credential m944spark\Administrator

Enter-PSSession -ComputerName m1081spark -Credential m1081spark\Administrator

Enter-PSSession -ComputerName m1087spark -Credential m1087spark\Administrator

Enter-PSSession -ComputerName zumbachpi -Credential zumbachpi\Administrator

944

1081

155

1087