

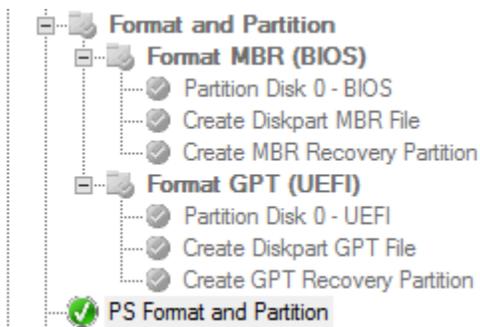


PowerShell script that replaces standard steps for disk Partition and Format in a ConfigMgr Task sequence.

I would like to acknowledge Mike Terrill and Gary Block, without their work on the subject this would have been a much more tedious work.

```
<#
Name:     PSPartitionAndFormat.ps1
Usage:    Replaces Format and Partition steps (BIOS & UEFI) in ConfigMgr TS (OSD)
          - Possible to run as PS Inline script
Acknowledgment:
          Based on the partition schema blogged by Gary Block and Mike Terrill:
          https://garytown.com/osd-partition-setup-mike-terryll-edition-the-optimized-way
#>
```

This script was originally intended as a show case script, demonstrating how to create a CMTrace compatible log file and how to send status to the TSPProgressUI. It still does both things but also shortens the TS, in my test TS I went from six down to one step.



You can use a traditional package, but the script works perfectly well "Inline".

Select a package with a PowerShell script:

Package:

Script name:

Enter a PowerShell script:

Script status:

---

Parameters:

PowerShell execution policy:

Output to task sequence variable:

Start in:

The script automatically distinguishes between legacy and UEFI partitioning so that "option" goes out, leaving us with this:

|  |

This group/step will run if the following conditions are met:

- If **All** the conditions are true:
  - Task Sequence Variable [\\_SMSTSCientCache not exists](#)
  - Task Sequence Variable [\\_SMSTSMediaType not equals "OEMMedia"](#)
  - Task Sequence Variable [\\_OSDMigrateUseHardlinks not equals "true"](#)

Typically (UEFI in this case – should always be) the log looks something like this.

Log Text	Component	Date/Time	Thread
Script and Com initiated, log started	RunPowerShellScript	7/16/2019 8:25:28 AM	632 (0x278)
Creating UEFI disk	RunPowerShellScript	7/16/2019 8:25:28 AM	632 (0x278)
Created and formatted 'efi' partition	RunPowerShellScript	7/16/2019 8:25:30 AM	632 (0x278)
Created and formatted 'msr' partition	RunPowerShellScript	7/16/2019 8:25:31 AM	632 (0x278)
Created and formatted 'Windows' partition	RunPowerShellScript	7/16/2019 8:25:34 AM	632 (0x278)
Created and formatted 'Recovery' partition	RunPowerShellScript	7/16/2019 8:25:38 AM	632 (0x278)
Finished Partition and Format	RunPowerShellScript	7/16/2019 8:25:39 AM	632 (0x278)
Script finished	RunPowerShellScript	7/16/2019 8:25:39 AM	632 (0x278)

<b>Date/Time:</b> 7/16/2019 8:25:39 AM	<b>Component:</b> RunPowerShellScript
<b>Thread:</b> 632 (0x278)	<b>Source:</b> PSPartionAndFormat.ps1

Script finished

## Changelog:

2019-07-17: v. 1.1

- Bugfix: Corrected MBR partitioning, the original didn't mix well with Bitlocker pre provisioning on Windows 7.