Tweak PXE boot time – Configuration Manager 2006

In this post, we will change PXE boot time within CB2006. We will run the script on Mini DP, Remote DP and Win 10 DP.

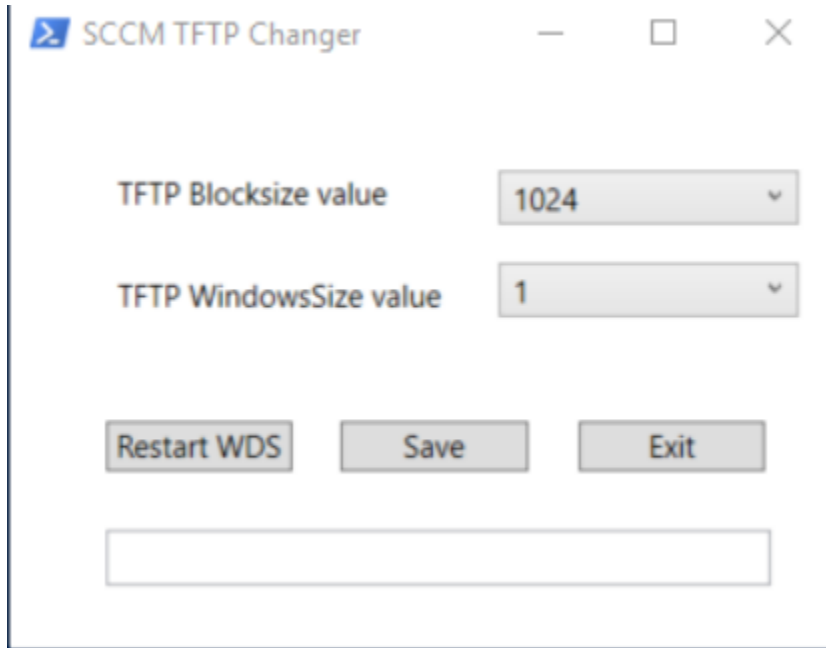This is the registry key that will change after we run the PS script

Location: HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\SMS\DP

Name: RamDiskTFTPWindowSize

Type: REG_DWORD

Below is the random test result against various models.

I put together this list that could be a good starting point when testing out the different TFTP values, I used a Latitude E7450 and an Optiplex 7010 and Max, who helped me PXE boot otherwise I would have

TFTPBlockSize	TFTPWindowSize	Optiplex Legacy Bios	Optiplex Uefi	Latitude Legacy BIOS	Latitude UEFI
1024	1	1m56s	5m56s	1m35s	2m50s
1024	2	1m02s	4m02s	1m07	1m50s
1024	4	34s	2m59s	40s	49s
1024	8	18s	2m22s	22s	33s
1024	16	13s	2m	16s	26s
1456	1	1m26s	4m27s	1m14s	1m57s
1456	2	49s	2m54s	57s	58a
1456	4	30s	2m3s	30s	31s
1456	8	16s	1m35	16s	25s
1456	16	10s	1m24	12s	18s
2048	1	1m04s	3m23s	1m18s	3m59s
2048	2	36s	2m08s	40s	52s
2048	4	22s	1m30s	21s	30s
2048	8	12s	1m14s	15s	20s
2048	16	13s	1m04s	10s	15s
4096	1	33s	1m44s	42s	47s
4096	2	20s	1m08s	15s	26s
4096	4	12s	50s	13s	19s
4096	8	8s	39s	8s	13s
4096	16	6s	33s	7s	10s
8192	1	19s	56s	21s	25s
8192	2	13s	38s	13s	15s
8192	4	9s	29s	10s	13s
8192	8	7s	23s	7s	8s
8192	16	6s	Fail	6s	7s
16384	1	12s	31s	12s	16s
16384	2	9s	22s	9s	11s
16384	4	7s	17s	8s	9s
16384	8	8s	22s	6s	7s
16384	16	5s	Fail	5s	5s

When you run the PS script this is that you will see.

Open PowerShell as Admin
Run the script
Change default value
Save
Restart WDS
Exit

Thanks

Ram Lan
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