

# Creating a pool from scratch

REM value in GB

set TARGET\_SIZE=128

set DriveID=0

```
spaceutil New-Pool -DriveNumber %DriveID% -Name OSPool -CompatibleVersion "Windows 19H1" -  
MetadataLength 64M -Threshold 70 -ZeroOnDeallocate False -IsPowerProtected False -RapidRegeneration False -  
RetireMissingDrives Auto -MinimumAllocationSize 1M -DefaultProvisioningType Thin -DefaultMinFdType Drive -  
DefaultMaxFdType Drive -DefaultResiliencyType Simple -DefaultReadCacheSize 0
```

```
spaceutil New-Space -PoolName OSPool -Name "IU_RESERVE_DISK" -ProvisionedCapacity 2G -MinFdType Drive -  
MaxFdType Drive -ResiliencyType Simple -FaultTolerance 0 -NumberOfCopies 1 -NumberOfGroups 1 -  
NumberOfColumns 1 -WriteCacheSize 0 -ReadCacheSize 0 -Flags System Active  
spaceutil Set-Space -PoolName OSPool -Name "IU_RESERVE_DISK" -IsSystem true -IsActive true  
spaceutil Attach-Space -PoolName OSPool -Name "IU_RESERVE_DISK"
```

```
spaceutil New-Space -PoolName OSPool -Name "SERVICING_STAGING_ROOTDISK" -ProvisionedCapacity 10G -  
MinFdType Drive -MaxFdType Drive -ResiliencyType Simple -FaultTolerance 0 -NumberOfCopies 1 -  
NumberOfGroups 1 -NumberOfColumns 1 -WriteCacheSize 0 -ReadCacheSize 0  
spaceutil Attach-Space -PoolName OSPool -Name "SERVICING_STAGING_ROOTDISK"
```

```
spaceutil New-Space -PoolName OSPool -Name "PreInstalledDisk" -ProvisionedCapacity %TARGET_SIZE%G -  
MinFdType Drive -MaxFdType Drive -ResiliencyType Simple -FaultTolerance 0 -NumberOfCopies 1 -  
NumberOfGroups 1 -NumberOfColumns 1 -WriteCacheSize 0 -ReadCacheSize 0 -Flags System Active  
spaceutil Set-Space -PoolName OSPool -Name "PreInstalledDisk" -IsSystem true -IsActive true  
spaceutil Attach-Space -PoolName OSPool -Name "PreInstalledDisk"
```

```
spaceutil New-Space -PoolName OSPool -Name "EFIESPDisk" -ProvisionedCapacity %TARGET_SIZE%G -  
MinFdType Drive -MaxFdType Drive -ResiliencyType Simple -FaultTolerance 0 -NumberOfCopies 1 -  
NumberOfGroups 1 -NumberOfColumns 1 -WriteCacheSize 0 -ReadCacheSize 0 -Flags System Active  
spaceutil Set-Space -PoolName OSPool -Name "EFIESPDisk" -IsSystem true -IsActive true  
spaceutil Attach-Space -PoolName OSPool -Name "EFIESPDisk"
```

```
spaceutil New-Space -PoolName OSPool -Name "VIRT_EFIESPDisk" -ProvisionedCapacity 1G -MinFdType Drive -  
MaxFdType Drive -ResiliencyType Simple -FaultTolerance 0 -NumberOfCopies 1 -NumberOfGroups 1 -
```

NumberOfColumns 1 -WriteCacheSize 0 -ReadCacheSize 0 -Flags System Active  
spaceutil Set-Space -PoolName OSPool -Name "VIRT\_EFIESPDisk" -IsSystem true -IsActive true  
spaceutil Attach-Space -PoolName OSPool -Name "VIRT\_EFIESPDisk"

spaceutil New-Space -PoolName OSPool -Name "SERVICING\_FILESDISK" -ProvisionedCapacity 10G -MinFdType  
Drive -MaxFdType Drive -ResiliencyType Simple -FaultTolerance 0 -NumberOfCopies 1 -NumberOfGroups 1 -  
NumberOfColumns 1 -WriteCacheSize 0 -ReadCacheSize 0 -Flags System Active  
spaceutil Set-Space -PoolName OSPool -Name "SERVICING\_FILESDISK" -IsSystem true -IsActive true  
spaceutil Attach-Space -PoolName OSPool -Name "SERVICING\_FILESDISK"

spaceutil New-Space -PoolName OSPool -Name "BSPDisk" -ProvisionedCapacity %TARGET\_SIZE%G -MinFdType  
Drive -MaxFdType Drive -ResiliencyType Simple -FaultTolerance 0 -NumberOfCopies 1 -NumberOfGroups 1 -  
NumberOfColumns 1 -WriteCacheSize 0 -ReadCacheSize 0 -Flags System Active  
spaceutil Set-Space -PoolName OSPool -Name "BSPDisk" -IsSystem true -IsActive true  
spaceutil Attach-Space -PoolName OSPool -Name "BSPDisk"

spaceutil New-Space -PoolName OSPool -Name "SERVICING\_METADATADisk" -ProvisionedCapacity 256MB -  
MinFdType Drive -MaxFdType Drive -ResiliencyType Simple -FaultTolerance 0 -NumberOfCopies 1 -  
NumberOfGroups 1 -NumberOfColumns 1 -WriteCacheSize 0 -ReadCacheSize 0 -Flags System Active  
spaceutil Set-Space -PoolName OSPool -Name "SERVICING\_METADATADisk" -IsSystem true -IsActive true  
spaceutil Attach-Space -PoolName OSPool -Name "SERVICING\_METADATADisk"

spaceutil New-Space -PoolName OSPool -Name "VailContainer" -ProvisionedCapacity %TARGET\_SIZE%G -  
MinFdType Drive -MaxFdType Drive -ResiliencyType Simple -FaultTolerance 0 -NumberOfCopies 1 -  
NumberOfGroups 1 -NumberOfColumns 1 -WriteCacheSize 0 -ReadCacheSize 0 -Flags System  
spaceutil Set-Space -PoolName OSPool -Name "VailContainer" -IsSystem true

spaceutil New-Space -PoolName OSPool -Name "OSDataDisk" -ProvisionedCapacity %TARGET\_SIZE%G -  
MinFdType Drive -MaxFdType Drive -ResiliencyType Simple -FaultTolerance 0 -NumberOfCopies 1 -  
NumberOfGroups 1 -NumberOfColumns 1 -WriteCacheSize 0 -ReadCacheSize 0 -Flags System Active  
spaceutil Set-Space -PoolName OSPool -Name "OSDataDisk" -IsSystem true -IsActive true  
spaceutil Attach-Space -PoolName OSPool -Name "OSDataDisk"

spaceutil New-Space -PoolName OSPool -Name "DataDisk" -ProvisionedCapacity %TARGET\_SIZE%G -MinFdType  
Drive -MaxFdType Drive -ResiliencyType Simple -FaultTolerance 0 -NumberOfCopies 1 -NumberOfGroups 1 -  
NumberOfColumns 1 -WriteCacheSize 0 -ReadCacheSize 0 -Flags System Active  
spaceutil Set-Space -PoolName OSPool -Name "DataDisk" -IsSystem true -IsActive true  
spaceutil Attach-Space -PoolName OSPool -Name "DataDisk"

spaceutil New-Space -PoolName OSPool -Name "MainOSDisk" -ProvisionedCapacity %TARGET\_SIZE%G -  
MinFdType Drive -MaxFdType Drive -ResiliencyType Simple -FaultTolerance 0 -NumberOfCopies 1 -

NumberOfGroups 1 -NumberOfColumns 1 -WriteCacheSize 0 -ReadCacheSize 0 -Flags System Active  
spaceutil Set-Space -PoolName OSPool -Name "MainOSDisk" -IsSystem true -IsActive true  
spaceutil Attach-Space -PoolName OSPool -Name "MainOSDisk"

spaceutil New-Space -PoolName OSPool -Name "Container Manager Persisted Storage" -ProvisionedCapacity  
%TARGET\_SIZE%G -MinFdType Drive -MaxFdType Drive -ResiliencyType Simple -FaultTolerance 0 -  
NumberOfCopies 1 -NumberOfGroups 1 -NumberOfColumns 1 -WriteCacheSize 0 -ReadCacheSize 0 -Flags  
System  
spaceutil Set-Space -PoolName OSPool -Name "Container Manager Persisted Storage" -IsSystem true

---

Revision #4

Created 16 February 2020 12:45:53 by Gustave Monce

Updated 16 February 2020 14:22:11 by Gustave Monce