

# 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
```

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