

Pure Storage PowerShell SDK version 1 to version 2 Cmdlet Matrix		
<i>Version 9282020-01</i>		
This document outlines the comparison of cmdlets that are available in the Pure Storage PowerShell SDK version 1 and version 2.		
This is an active work-in-progress document and will be updated as new or modified cmdlets, parameters, and APIs are introduced.		
Please provide feedback in the Pure Code Slack Team #pfa-powershell channel.		
v1 Cmdlet	Comparable v2 Cmdlet	Notes
Add-PfaArrayToPod	New-Pfa2PodArray	
Add-PfaHostGroupsToProtectionGroup	New-Pfa2ProtectionGroupHostGroup	
Add-PfaHostIqns	Update-Pfa2host	
Add-PfaHostNqn	Update-Pfa2host	
Add-PfaHosts	New-Pfa2host	
Add-PfaHostsToProtectionGroup	New-Pfa2ProtectionGroupHost	
Add-PfaHostWwns	Update-Pfa2host	
Add-PfaSlaveInterfaces	Not currently implemented	
Add-PfaTargetArrays	New-Pfa2ProtectionGroupTarget	
Add-PfaVolumesToProtectionGroup	New-Pfa2ProtectionGroupVolume	
Add-PfaVolumeToContainer	New-Pfa2Connection	
Clear-PfaItemFlag	Update-Pfa2Alert	
Connect-PfaOffloadAzureTarget	New-Pfa2OffloadAzureObject/ New-Pfa2Offload	
Connect-PfaOffloadNFSTarget	New-Pfa2OffloadAzureObject/ New-Pfa2Offload	
Connect-PfaOffloadS3Target	New-Pfa2OffloadAzureObject/ New-Pfa2Offload	
Copy-PfaPod	Not currently implemented	
Disable-PfaAlert	Not currently implemented	
Disable-PfaIdLight	Update-Pfa2Hardware	
Disable-PfaNetworkInterface	Not currently implemented	
Disable-PfaReplicationSchedule	Update-Pfa2ProtectionGroup	
Disable-PfaSnapshotSchedule	Update-Pfa2ProtectionGroup	
Disable-PfaSoftware	Update-Pfa2App	
Disable-PfaSoftwareVNC	Update-Pfa2App	
Disconnect-PfaArray	Disconnect-Pfa2Array	

Disconnect-PfaOffloadAzureTarget	Remove-Pfa2Offload	No disconnect - only remove
Disconnect-PfaOffloadNFSTarget	Remove-Pfa2Offload	No disconnect - only remove
Disconnect-PfaOffloadS3Target	Remove-Pfa2Offload	No disconnect - only remove
Enable-PfaAlert	Not currently implemented	
Enable-PfaIdLight	Update-Pfa2Hardware	
Enable-PfaNetworkInterface	Not currently implemented	
Enable-PfaReplicationSchedule	Update-Pfa2ProtectionGroup	
Enable-PfaSnapshotSchedule	Update-Pfa2ProtectionGroup	
Enable-PfaSoftware	Update-Pfa2App	
Enable-PfaSoftwareVNC	Update-Pfa2App	
Get-PfaAdminSetting	Get-Pfa2AdminSetting	
Get-PfaAlert	Get-Pfa2Alert	
Get-PfaAlerts	Get-Pfa2Alert	
	Get-Pfa2Admin	
Get-PfaAllApiTokens	Get-Pfa2AdminApiToken	
Get-PfaAllDriveAttributes	Get-Pfa2Hardware	
Get-PfaAllHardwareAttributes	Get-Pfa2Hardware	
Get-PfaAllHostGroupIOLatencyMetrics	Get-Pfa2HostGroupPerformance	
Get-PfaAllHostGroupIOLatencyMetricsMirrored	Get-Pfa2HostGroupPerformance	
Get-PfaAllHostGroupIOLatencyMetricsTotal	Get-Pfa2HostGroupPerformance	
Get-PfaAllHostGroupIOMetrics	Get-Pfa2HostGroupPerformance	
Get-PfaAllHostGroupIOMetricsAverage	Get-Pfa2HostGroupPerformance	
Get-PfaAllHostGroupIOMetricsMirrored	Get-Pfa2HostGroupPerformance	
Get-PfaAllHostGroupIOMetricsTotal	Get-Pfa2HostGroupPerformance	
Get-PfaAllHostGroupSpaceMetrics	Get-Pfa2HostGroupPerformance	
Get-PfaAllHostIOLatencyMetrics	Get-Pfa2HostPerformance	
Get-PfaAllHostIOLatencyMetricsMirrored	Get-Pfa2HostPerformance	
Get-PfaAllHostIOLatencyMetricsTotal	Get-Pfa2HostPerformance	
Get-PfaAllHostIOMetrics	Get-Pfa2HostPerformance	
Get-PfaAllHostIOMetricsAverage	Get-Pfa2HostPerformance	
Get-PfaAllHostIOMetricsMirrored	Get-Pfa2HostPerformance	
Get-PfaAllHostIOMetricsTotal	Get-Pfa2HostPerformance	
Get-PfaAllHostSpaceMetrics	Get-Pfa2HostPerformance	
Get-PfaAllLockedUser	Get-Pfa2Admin	

Get-PfaAllNetworkInterfaceMetrics	Not currently implemented	
Get-PfaAllNetworkInterfaceMetricsError	Not currently implemented	
Get-PfaAllNetworkInterfaceMetricsErrorTotal	Not currently implemented	
Get-PfaAllNetworkInterfaceMetricsTotal	Not currently implemented	
Get-PfaAllOffloadAzureTarget	Get-Pfa2Offload	
Get-PfaAllPodFootprint	Get-Pfa2Pod	
Get-PfaAllPodIOLatencyMetricsMirrored	Get-Pfa2PodPerformance	
	Get-Pfa2PodPerformanceByArray	
Get-PfaAllPodIOMetricsMirrored	Get-Pfa2PodPerformance	
	Get-Pfa2PodPerformanceByArray	
Get-PfaAllPodMediator	Get-Pfa2Pod	
Get-PfaAllPodSpaceHistory	Get-Pfa2PodPerformance	
	Get-Pfa2PodPerformanceByArray	
Get-PfaAllPodSpaceMetricsTotal	Get-Pfa2PodPerformance	
	Get-Pfa2PodPerformanceByArray	
Get-PfaAllPodSpaces	Get-Pfa2Pod	
Get-PfaAllProtectedHostGroups	Get-Pfa2ProtectionGroupHostGroup	
Get-PfaAllProtectedHosts	Get-Pfa2ProtectionGroupHost	
Get-PfaAllProtectedVolumes	Get-Pfa2ProtectionGroupVolume	
Get-PfaAllProtectionGroupOffloadSnapshot	Get-Pfa2ProtectionGroupSnapshot	
Get-PfaAllProtectionGroupReplicationBandwidth	Get-Pfa2ProtectionGroupPerformanceReplication	
	Get-Pfa2ProtectionGroupPerformanceReplicationByArray	
Get-PfaAllProtectionGroupReplicationBandwidthByTimeRange	Get-Pfa2ProtectionGroupPerformanceReplication	
	Get-Pfa2ProtectionGroupPerformanceReplicationByArray	
Get-PfaAllPublicKeys	Not currently implemented	
Get-PfaAllRemotePod	Get-Pfa2RemotePod	
Get-PfaAllSnapshotSpaceMetrics	Get-Pfa2Snapshot	
	Get-Pfa2ProtectionGroupSnapshot	
	Get-Pfa2RemoteProtectionGroupSnapshot	
Get-PfaAllSoftwareNode	Get-Pfa2AppNode	
Get-PfaAllSubnets	Get-Pfa2Subnet	
Get-PfaAllVolumeGroupIOLatencyMetrics	Get-Pfa2VolumeGroupPerformance	
Get-PfaAllVolumeGroupIOLatencyMetricsByTimeRange	Get-Pfa2VolumeGroupPerformance	
Get-PfaAllVolumeGroupIOMetrics	Get-Pfa2VolumeGroupPerformance	

Get-PfaAllVolumeGroupIOMetricsByTimeRange	Get-Pfa2VolumeGroupPerformance	
Get-PfaAllVolumeGroupsIOLatencyMetricsTotal	Get-Pfa2VolumeGroupPerformance	
Get-PfaAllVolumeGroupsIOMetricsAverage	Get-Pfa2VolumeGroupPerformance	
Get-PfaAllVolumeGroupsIOMetricsTotal	Get-Pfa2VolumeGroupPerformance	
Get-PfaAllVolumeGroupSpaceMetrics	Get-Pfa2VolumeGroupPerformance	
Get-PfaAllVolumeHostEncryptionKeyStatus	Get-Pfa2Volume	
Get-PfaAllVolumeIOLatencyMetrics	Get-Pfa2VolumePerformance	
	Get-Pfa2VolumePerformanceByArray	
Get-PfaAllVolumeIOLatencyMetricsByTimeRange	Get-Pfa2VolumePerformance	
	Get-Pfa2VolumePerformanceByArray	
Get-PfaAllVolumeIOLatencyMetricsTotal	Get-Pfa2VolumePerformance	
	Get-Pfa2VolumePerformanceByArray	
Get-PfaAllVolumeIOMetrics	Get-Pfa2VolumePerformance	
	Get-Pfa2VolumePerformanceByArray	
Get-PfaAllVolumeIOMetricsAverage	Get-Pfa2VolumePerformance	
	Get-Pfa2VolumePerformanceByArray	
Get-PfaAllVolumeIOMetricsByTimeRange	Get-Pfa2VolumePerformance	
	Get-Pfa2VolumePerformanceByArray	
Get-PfaAllVolumeIOMetricsMirrored	Get-Pfa2VolumePerformance	
	Get-Pfa2VolumePerformanceByArray	
Get-PfaAllVolumeIOMetricsTotal	Get-Pfa2VolumePerformance	
	Get-Pfa2VolumePerformanceByArray	
Get-PfaAllVolumeOffloadSnapshot	Get-Pfa2VolumeSnapshot	
Get-PfaAllVolumeSnapshots	Get-Pfa2VolumeSnapshot	
Get-PfaAllVolumeSpaceMetrics	Get-Pfa2VolumePerformance	
	Get-Pfa2VolumePerformanceByArray	
Get-PfaAllVolumeSpaceMetricsByTimeRange	Get-Pfa2VolumePerformance	
	Get-Pfa2VolumePerformanceByArray	
Get-PfaAllVolumeSpaceMetricsTotal	Get-Pfa2VolumePerformance	
	Get-Pfa2VolumePerformanceByArray	
Get-PfaAllVolumeTotal	Get-Pfa2VolumePerformance	
	Get-Pfa2VolumePerformanceByArray	
Get-PfaApiToken	Get-Pfa2AdminApiToken	
Get-PfaArrayAttributes	Get-Pfa2Array	

Get-PfaArrayConnections	Get-Pfa2Connection	
Get-PfaArrayConnectionsThrottlingInformation	Not currently implemented	
Get-PfaArrayEula	Get-Pfa2ArrayEula	
Get-PfaArrayId	Get-Pfa2Array	
Get-PfaArrayIOLatencyMetrics	Get-Pfa2ArrayPerformance	
Get-PfaArrayIOMetrics	Get-Pfa2ArrayPerformance	
Get-PfaArrayIOMetricsAverage	Get-Pfa2ArrayPerformance	
Get-PfaArrayIOMetricsMirrored	Get-Pfa2ArrayPerformance	
Get-PfaArrayPorts	Get-Pfa2Port	
Get-PfaArraySpaceMetrics	Get-Pfa2Array	Alternate cmdlet: Get-Pfa2ArraySpace
Get-PfaArraySpaceMetricsByTimeRange	Get-Pfa2ArraySpace	
Get-PfaArrayTCPConnection	Not currently implemented	
Get-PfaAuditRecords	Get-Pfa2Audit	
Get-PfaBanner	Get-Pfa2Array	
Get-PfaBlockDifferences	Not currently implemented	
Get-PfaCertificate	Not currently implemented	
Get-PfaChapStatus	Get-Pfa2Host	No "status" property in "chap" class. If properties in class are populated, chap is enabled.
Get-PfaChapStatuses	Get-Pfa2Host	No "status" property in "chap" class. If properties in class are populated, chap is enabled.
Get-PfaConnectionKey	Not currently implemented	
Get-PfaConsoleLock	Get-Pfa2Array	

Get-PfaControllers	Get-Pfa2Controller	
Get-PfaCurrentCertificate	Not currently implemented	
Get-PfaCurrentCertificateAttributes	Not currently implemented	
Get-PfaCurrentIntermediateCertificate	Not currently implemented	
Get-PfaDirectoryServiceCACertificate	Get-Pfa2DirectoryService	
Get-PfaDirectoryServiceConfiguration	Get-Pfa2DirectoryService	
Get-PfaDirectoryServiceGroups	Get-Pfa2DirectoryServiceRole	
Get-PfaDirectoryServiceRole	Get-Pfa2DirectoryServiceRole	
Get-PfaDnsAttributes	Get-Pfa2Dns	
Get-PfaDriveAttributes	Not currently implemented	
Get-PfaEngineId	Not currently implemented	
Get-PfaFlaggedAuditRecords	Get-Pfa2Alert	
Get-PfaFlaggedMessages	Get-Pfa2AlertEvent	
Get-PfaHardwareAttributes	Get-Pfa2Hardware	
Get-PfaHost	Get-Pfa2Host	
Get-PfaHostGroup	Get-Pfa2HostGroup	
Get-PfaHostGroupIOLatencyMetrics	Get-Pfa2HostGroupPerformance	
Get-PfaHostGroupIOLatencyMetricsMirrored	Get-Pfa2HostGroupPerformance	
Get-PfaHostGroupIOMetrics	Get-Pfa2HostGroupPerformance	
Get-PfaHostGroupIOMetricsAverage	Get-Pfa2HostGroupPerformance	
Get-PfaHostGroupIOMetricsMirrored	Get-Pfa2HostGroupPerformance	
Get-PfaHostGroupProtectionGroups	Get-Pfa2HostGroupProtectionGroup	
Get-PfaHostGroups	Get-Pfa2HostGroup	
Get-PfaHostGroupSpaceMetrics	Get-Pfa2HostGroupSpace	
Get-PfaHostGroupVolumeConnections	Get-Pfa2Connection	
Get-PfaHostIOLatencyMetrics	Get-Pfa2HostPerformance	
Get-PfaHostIOLatencyMetricsMirrored	Get-Pfa2HostPerformance	
Get-PfaHostIOMetrics	Get-Pfa2HostPerformance	
Get-PfaHostIOMetricsAverage	Get-Pfa2HostPerformance	
Get-PfaHostIOMetricsMirrored	Get-Pfa2HostPerformance	
Get-PfaHostPrivateVolumeConnections	Get-Pfa2Connection	
Get-PfaHostProtectionGroups	Get-Pfa2HostProtectionGroup	
Get-PfaHosts	Get-Pfa2Host	
Get-PfaHostSharedVolumeConnections	Get-Pfa2Connection	

Get-PfaHostSpaceMetrics	Get-Pfa2HostSpace	
Get-PfaHostVolumeConnections	Get-Pfa2Connection	
Get-PfaIdleTimeout	Get-Pfa2Array	
Get-PfaInitiatorPorts	Get-Pfa2PortInitiator	
Get-PfaKmip	Get-Pfa2Kimp	
Get-PfaKmips	Get-Pfa2Kimp	
Get-PfaLockedUser	Get-Pfa2Admin	
Get-PfaMaintenanceWindow	Get-Pfa2MaintenanceWindow	
Get-PfaMessages	Get-Pfa2AlertEvent	
Get-PfaNamedCertificate	Not currently implemented	
Get-PfaNamedCertificateAttribute	Not currently implemented	
Get-PfaNamedCertificateAttributes	Not currently implemented	
Get-PfaNamedHostGroups	Get-Pfa2HostGroup	
Get-PfaNamedHosts	Get-Pfa2Host	
Get-PfaNamedPodFootprint	Get-Pfa2Pod	
Get-PfaNamedPodMediator	Get-Pfa2Pod	
Get-PfaNamedPods	Get-Pfa2Pod	
Get-PfaNamedPodSpace	Get-Pfa2Pod	
Get-PfaNamedPodSpaceHistory	Get-Pfa2Pod	
Get-PfaNamedProtectionGroups	Get-Pfa2ProtectionGroup	
Get-PfaNamedVolumeGroups	Get-Pfa2VolumeGroup	
Get-PfaNamedVolumeGroupsIOLatencyMetricsByTimeRange	Get-Pfa2VolumeGroupPerformance	
Get-PfaNamedVolumeGroupsIOMetricsByTimeRange	Get-Pfa2VolumeGroupPerformance	
Get-PfaNamedVolumes	Get-Pfa2Volume	
Get-PfaNamedVolumesIOLatencyMetricsByTimeRange	Get-Pfa2VolumePerformance	
Get-PfaNamedVolumesIOMetricsByTimeRange	Get-Pfa2VolumePerformance	
Get-PfaNetworkInterface	Not currently implemented	
Get-PfaNetworkInterfaceMetrics	Not currently implemented	
Get-PfaNetworkInterfaceMetricsError	Not currently implemented	
Get-PfaNetworkInterfaces	Not currently implemented	
Get-PfaNtpServers	Get-Pfa2Array	
Get-PfaOffloadAzureTarget	Get-Pfa2Offload	
Get-PfaOffloadNFSTarget	Get-Pfa2Offload	
Get-PfaOffloadS3Target	Get-Pfa2Offload	

Get-PfaOffloadSnapshot	Get-Pfa2Offload	
Get-PfaOffloadTarget	Get-Pfa2Offload	
Get-PfaOpenMessages	Get-Pfa2Alert	
Get-PfaPendingDeletePods	Get-Pfa2Pod	
Get-PfaPendingDeleteProtectionGroups	Get-Pfa2ProtectionGroup	
Get-PfaPendingDeleteVolumeGroups	Get-Pfa2VolumeGroup	
Get-PfaPendingDeleteVolumes	Get-Pfa2Volume	
Get-PfaPendingDeleteVolumeSnapshots	Get-Pfa2VolumeSnapshot	
Get-PfaPendingPodFootprint	Get-Pfa2Pod	
Get-PfaPendingPodMediator	Get-Pfa2Pod	
Get-PfaPendingPodSpace	Get-Pfa2Pod	
Get-PfaPersonalities	Get-Pfa2Host	
Get-PfaPersonality	Get-Pfa2Host	
Get-PfaPhoneHomeActionStatus	Get-Pfa2SupportTest	
Get-PfaPhoneHomeStatus	Get-Pfa2Support	
Get-PfaPod	Get-Pfa2Pod	
Get-PfaPodIOLatencyMetricsMirrored	Get-Pfa2PodPerformance	
Get-PfaPodIOMetricsMirrored	Get-Pfa2PodPerformance	
Get-PfaPods	Get-Pfa2Pod	
Get-PfaProtectionGroup	Get-Pfa2ProtectionGroup	
Get-PfaProtectionGroupOffloadSnapshot	Get-Pfa2ProtectionGroupSnapshot	
Get-PfaProtectionGroupReplicationBandwidth	Get-Pfa2ProtectionGroupPerformanceReplication	
	Get-Pfa2ProtectionGroupPerformanceReplicationByArray	
Get-PfaProtectionGroupReplicationBandwidthByTimeRange	Get-Pfa2ProtectionGroupPerformanceReplication	
	Get-Pfa2ProtectionGroupPerformanceReplicationByArray	
Get-PfaProtectionGroupRetention	Get-Pfa2ProtectionGroup	
Get-PfaProtectionGroupRetentions	Get-Pfa2ProtectionGroup	
Get-PfaProtectionGroups	Get-Pfa2ProtectionGroup	
Get-PfaProtectionGroupSchedule	Get-Pfa2ProtectionGroup	
Get-PfaProtectionGroupSchedules	Get-Pfa2ProtectionGroup	
Get-PfaProtectionGroupSnapshotReplicationStatus	Get-Pfa2ProtectionGroupSnapshotTransfer	
Get-PfaProtectionGroupSnapshots	Get-Pfa2ProtectionGroupSnapshot	
Get-PfaProtectionGroupSnapshotSpaceMetrics	Get-Pfa2ProtectionGroupSnapshot	
Get-PfaProtectionGroupVolumeSnapshots	Get-Pfa2ProtectionGroupSnapshot	

Get-PfaProtectionGroupVolumeSpaceMetrics	Get-Pfa2ProtectionGroupSnapshot	
Get-PfaProtocolEndpointVolume	Not currently implemented	
Get-PfaProtocolEndpointVolumes	Not currently implemented	
Get-PfaProxy	Get-Pfa2Support	
Get-PfaPublicKey	Not currently implemented	
Get-PfaPureAppAttributes	Get-Pfa2App	
Get-PfaPureAppsAttributes	Get-Pfa2App	
Get-PfaRecentAuditRecords	Get-Pfa2Audit	
Get-PfaRecentMessages	Get-Pfa2AlertEvent	
Get-PfaRecentUserSessionRecords	Not currently implemented	
Get-PfaRelayHost	Not currently implemented	
Get-PfaRemoteAssistSession	Get-Pfa2Support	Alternate cmdlet: Get-Pfa2SupportTest -TestType remote-assist
Get-PfaRemoteHost	Get-Pfa2Host	
Get-PfaRemoteHostGroup	Get-Pfa2HostGroup	
Get-PfaRemoteHostGroups	Get-Pfa2HostGroup	
Get-PfaRemoteHostGroupVolumeConnections	Get-Pfa2Connection	
Get-PfaRemoteHosts	Get-Pfa2Host	
Get-PfaRemotePod	Get-Pfa2RemotePod	
Get-PfaRemoteVolumeHostConnections	Get-Pfa2Connection	
Get-PfaRemoteVolumeHostGroupConnections	Get-Pfa2Connection	
Get-PfaScsiTimeout	Get-Pfa2Array	
Get-PfaSenderDomain	Not currently implemented	
Get-PfaSmtplibManagerAttribute	Not currently implemented	
	Get-Pfa2Snapshot Get-Pfa2ProtectionGroupSnapshot Get-Pfa2RemoteProtectionGroupSnapshot	
Get-PfaSnapshotSpaceMetrics		
Get-PfaSnmpManager	Not currently implemented	
Get-PfaSnmpManagers	Not currently implemented	
Get-PfaSoftware	Get-Pfa2App	
Get-PfaSoftwareAttribute	Get-Pfa2App	

Get-PfaSoftwareNode	Get-Pfa2AppNode	
Get-PfaSourceProtectionGroupRetentions	Get-Pfa2ProtectionGroup	
Get-PfaSourceProtectionGroups	Get-Pfa2ProtectionGroup	
Get-PfaSourceProtectionGroupSchedules	Get-Pfa2ProtectionGroup	
Get-PfaSubnet	Get-Pfa2Subnet	
Get-PfaSyslogServers	Not currently implemented	
Get-PfaTargetProtectionGroups	Get-Pfa2RemoteProtectionGroup	
Get-PfaTotalSnapshotSpaceMetrics	Get-Pfa2Snapshot	
	Get-Pfa2ProtectionGroupSnapshot	
	Get-Pfa2RemoteProtectionGroupSnapshot	
Get-PfaUserSessionRecords	Not currently implemented	
Get-PfaVolume	Get-Pfa2Volume	
Get-PfaVolumeConnection	Get-Pfa2Connection	
Get-PfaVolumeGroup	Get-Pfa2VolumeGroup	
Get-PfaVolumeGroupIOLatencyMetrics	Get-Pfa2VolumeGroupPerformance	
Get-PfaVolumeGroupIOLatencyMetricsByTimeRange	Get-Pfa2VolumeGroupPerformance	
Get-PfaVolumeGroupIOMetrics	Get-Pfa2VolumeGroupPerformance	
Get-PfaVolumeGroupIOMetricsAverage	Get-Pfa2VolumeGroupPerformance	
Get-PfaVolumeGroupIOMetricsByTimeRange	Get-Pfa2VolumeGroupPerformance	
Get-PfaVolumeGroups	Get-Pfa2VolumeGroup	
Get-PfaVolumeGroupSpaceMetrics	Get-Pfa2VolumeGroupSpace	
Get-PfaVolumeHostConnections	Get-Pfa2Connection	
Get-PfaVolumeHostEncryptionKeyStatus	Get-Pfa2Volume	
Get-PfaVolumeHostGroupConnections	Get-Pfa2Connection	
Get-PfaVolumeIOLatencyMetrics	Get-Pfa2VolumePerformance	
	Get-Pfa2VolumePerformanceByArray	
Get-PfaVolumeIOLatencyMetricsByTimeRange	Get-Pfa2VolumePerformance	
	Get-Pfa2VolumePerformanceByArray	
Get-PfaVolumeIOMetrics	Get-Pfa2VolumePerformance	
	Get-Pfa2VolumePerformanceByArray	
Get-PfaVolumeIOMetricsAverage	Get-Pfa2VolumePerformance	
	Get-Pfa2VolumePerformanceByArray	
Get-PfaVolumeIOMetricsByTimeRange	Get-Pfa2VolumePerformance	
	Get-Pfa2VolumePerformanceByArray	

Get-PfaVolumeIOMetricsMirrored	Get-Pfa2VolumePerformance	
Get-PfaVolumeProtectionGroups	Get-Pfa2VolumePerformanceByArray	
Get-PfaVolumes	Get-Pfa2VolumeProtectionGroup	
Get-PfaVolumeSnapshot	Get-Pfa2Volume	
Get-PfaVolumeSnapshots	Get-Pfa2VolumeSnapshot	
Get-PfaVolumeSpaceMetrics	Get-Pfa2VolumeSnapshot	
Get-PfaVolumeSpaceMetricsByTimeRange	Get-Pfa2VolumeSpace	
Grant-PfaReplicationToTargetProtectionGroup	Get-Pfa2VolumeSpace	
Import-PfaCertificate	Update-Pfa2ProtectionGroupTarget	
Import-PfaNamedCertificate	New-Pfa2Kmip	
Invoke-PfaPhoneHomeAction	New-Pfa2Kmip	
	Get-Pfa2SupportTest	test connection only
Move-PfaVolumeOrSnapshot	Update-Pfa2Volume	
New-PfaAlert	Update-Pfa2VolumeSnapshot	
New-PfaApiToken	Not currently implemented	
New-PfaArray	New-Pfa2AdminApiToken	
New-PfaCertificateSigningRequest	Connect-Pfa2Array	
New-PfaCLICommand	Not currently implemented	
New-PfaDirectoryServiceRole	Invoke-Pfa2CLICommand	
New-PfaHost	Update-Pfa2DirectoryServiceRole	
New-PfaHostGroup	New-Pfa2Host	
New-PfaHostGroupProtocolEndpointVolumeConnection	New-Pfa2HostGroup	
New-PfaHostGroupVolumeConnection	New-Pfa2Connection	
New-PfaHostProtocolEndpointVolumeConnection	New-Pfa2Connection	
New-PfaHostVolumeConnection	New-Pfa2Connection	
New-PfaKmip	New-Pfa2Connection	
New-PfaLocalUser	New-Pfa2Kmip	
	New-Pfa2Admin	
New-PfaMaintenanceWindow	New-Pfa2MaintenanceWindow	optional: use New-Pfa2TimeWindowObject to create parameter
New-PfaNamedCertificateImport	New-Pfa2Kmip	
New-PfaNamedCertificateSigningRequest	Not currently implemented	
New-PfaNamedSelfSignedCertificate	New-Pfa2Kmip	similar functionaility

New-PfaPod	New-Pfa2Pod	
New-PfaProtectionGroup	New-Pfa2ProtectionGroup	
New-PfaProtectionGroupSnapshot	New-Pfa2ProtectionGroupSnapshot	
New-PfaProtocolEndpointVolume	New-Pfa2Volume	
New-PfaReplicationConnection	New-Pfa2PodReplicaLink	
New-PfaSelfSignedCertificate	New-Pfa2Kmip	similar functionaility
New-PfaSoftware	Not currently implemented	
New-PfaSubnet	New-Pfa2Subnet	
New-PfaV2SnmpManager	Not currently implemented	
New-PfaV3SnmpManager	Not currently implemented	
New-PfaVlanInterface	New-Pfa2Subnet	
New-PfaVolume	New-Pfa2Volume	
New-PfaVolumeGroup	New-Pfa2VolumeGroup	
New-PfaVolumeSnapshots	New-Pfa2VolumeSnapshot	
Remove-PfaAlert	Not currently implemented	
Remove-PfaApiToken	Remove-Pfa2AdminApiToken	
Remove-PfaArrayFromPod	Remove-Pfa2PodArray	
Remove-PfaHost	Remove-Pfa2Host	
Remove-PfaHostGroup	Remove-Pfa2HostGroup	
	Remove-Pfa2HostGroupHost	
Remove-PfaHostGroupsFromProtectionGroup	Remove-Pfa2HostGroupProtectionGroup	
	Remove-Pfa2HostHostGroup	
Remove-PfaHostGroupVolumeConnection	Remove-Pfa2Connection	
Remove-PfaHostIqns	Update-Pfa2Host	
Remove-PfaHostNqn	Update-Pfa2Host	
Remove-PfaHosts	Remove-Pfa2Host	
Remove-PfaHostsFromProtectionGroup	Remove-Pfa2ProtectionGroupHost	
Remove-PfaHostVolumeConnection	Remove-Pfa2Connection	
Remove-PfaHostWwns	Update-Pfa2Host	
Remove-PfaKmip	Remove-Pfa2Kmip	
Remove-PfaLocalUser	Remove-Pfa2Admin	
Remove-PfaMaintenanceWindow	Remove-Pfa2MaintenanceWindow	
Remove-PfaNamedCertificate	Not currently implemented	
Remove-PfaPod	Remove-Pfa2Pod	

Remove-PfaProtectionGroupOrSnapshot	Remove-Pfa2ProtectionGroupSnapshot	
Remove-PfaReplicationConnection	Remove-Pfa2ProtectionGroupTarget	
Remove-PfaSlaveInterfaces	Not currently implemented	
Remove-PfaSnmpManager	Not currently implemented	
Remove-PfaSoftware	Not currently implemented	
Remove-PfaSubnet	Remove-Pfa2Subnet	
Remove-PfaTargetArrays	Remove-Pfa2ProtectionGroupTarget	
Remove-PfaVlanInterface	Update-Pfa2Subnet	
Remove-PfaVolumeFromContainer	Update-Pfa2Volume	
Remove-PfaVolumeGroup	Remove-Pfa2VolumeGroup	
	Remove-Pfa2Volume	
Remove-PfaVolumeOrSnapshot	Remove-Pfa2VolumeSnapshot	
Remove-PfaVolumesFromProtectionGroup	Remove-Pfa2ProtectionGroupVolume	
Rename-PfaHost	Update-Pfa2Host	
Rename-PfaHostGroup	Update-Pfa2HostGroup	
Rename-PfaPod	Update-Pfa2Pod	
Rename-PfaProtectionGroup	Update-Pfa2ProtectionGroup	
Rename-PfaSnmpManager	Not currently implemented	
Rename-PfaSubnet	Update-Pfa2Subnet	
Rename-PfaVolumeGroup	Update-Pfa2Volume	
	Update-Pfa2VolumeGroup	
Rename-PfaVolumeOrSnapshot	Update-Pfa2VolumeSnapshot	
Resize-PfaVolume	Update-Pfa2Volume	
Restore-PfaAllVolumeOffloadSnapshot	Not currently implemented	
Restore-PfaDestroyedProtectionGroup	Update-Pfa2ProtectionGroup	
Restore-PfaDestroyedVolume	Update-Pfa2Volume	
Restore-PfaDestroyedVolumeSnapshot	Update-Pfa2VolumeSnapshot	
Restore-PfaPod	Update-Pfa2Pod	
Restore-PfaVolumeGroup	Update-Pfa2VolumeGroup	
Revoke-PfaReplicationToTargetProtectionGroup	Not currently implemented	
Set-PfaAdminSetting	Update-Pfa2AdminSetting	

		-Title, -Company, -Name not required in API 2 -Signature required in API 2 Use New-Pfa2EulaSignatureObject to create \$Signature
Set-PfaArrayEulaAccept	Update-Pfa2ArrayEula	
Set-PfaArrayName	Update-Pfa2Array	
Set-PfaBanner	Update-Pfa2Array	
Set-PfaConsoleLock	Update-Pfa2Array	
Set-PfaDirectoryServiceArrayAdminGroup	Update-Pfa2DirectoryService	
Set-PfaDirectoryServiceAuthenticationStatus	Update-Pfa2DirectoryService	
Set-PfaDirectoryServiceCACertificate	Update-Pfa2DirectoryService	
Set-PfaDirectoryServiceConfiguration	Update-Pfa2DirectoryService	
Set-PfaDirectoryServiceGroupBase	Update-Pfa2DirectoryService	
Set-PfaDirectoryServiceReadOnlyGroup	Update-Pfa2DirectoryService	
Set-PfaDirectoryServiceStatus	Update-Pfa2DirectoryService	
Set-PfaDirectoryServiceStorageAdminGroup	Update-Pfa2DirectoryService	
Set-PfaDnsDomain	Update-Pfa2Dns	
Set-PfaDnsNameServers	Update-Pfa2Dns	
Set-PfaHardwareIndex	Update-Pfa2Hardware	
Set-PfaHost	Update-Pfa2Host	
Set-PfaHostCredentials	Not currently implemented	
Set-PfaHostGroupsInProtectionGroup	New-Pfa2ProtectionGroupHostGroup	
Set-PfaHostIqns	Update-Pfa2Host	
Set-PfaHostNqn	Update-Pfa2Host	
Set-PfaHosts	Update-Pfa2Host	
Set-PfaHostsInProtectionGroup	New-Pfa2ProtectionGroupHost	
Set-PfaHostWwns	Update-Pfa2Host	
Set-PfaIdleTimeout	Update-Pfa2Array	
Set-PfaInterfaceAddress	Not currently implemented	
Set-PfaInterfaceAddressAndNetmask	Not currently implemented	
Set-PfaInterfaceGateway	Not currently implemented	
Set-PfaInterfaceMtu	Not currently implemented	
Set-PfaItemFlag	Update-Pfa2Alert	

Set-PfaNtpServers	Update-Pfa2Array	
Set-PfaPersonality	Update-Pfa2Host	
Set-PfaPhoneHomeStatus	Update-Pfa2Support	
Set-PfaPod	Update-Pfa2Pod	
Set-PfaProtectionGroupRetention	Update-Pfa2ProtectionGroup	
Set-PfaProtectionGroupSchedule	Update-Pfa2ProtectionGroup	
Set-PfaProxy	Update-Pfa2Support	
Set-PfaRelayHost	Not currently implemented	
Set-PfaRemoteAssistStatus	Update-Pfa2Support	
Set-PfaScsiTimeout	Update-Pfa2Array	
Set-PfaSenderDomain	Not currently implemented	
Set-PfaSlaveInterfaces	Not currently implemented	
Set-PfaSntpManagerAttribute	Not currently implemented	
Set-PfaSnmpManagerAuthPassphrase	Not currently implemented	
Set-PfaSnmpManagerAuthProtocol	Not currently implemented	
Set-PfaSnmpManagerCommunity	Not currently implemented	
Set-PfaSnmpManagerHost	Not currently implemented	
Set-PfaSnmpManagerNotification	Not currently implemented	
Set-PfaSnmpManagerPrivacyPassphrase	Not currently implemented	
Set-PfaSnmpManagerPrivacyProtocol	Not currently implemented	
Set-PfaSnmpManagerUser	Not currently implemented	
Set-PfaSnmpManagerVersion	Not currently implemented	
Set-PfaSyslogServers	Not currently implemented	
Set-PfaTargetArrays	Update-Pfa2ProtectionGroupTarget	
Set-PfaTargetCredentials	Not currently implemented	
Set-PfaVolumeBandwidthLimit	Update-Pfa2Volume	
Set-PfaVolumeGroupBandwidthLimit	Update-Pfa2VolumeGroup	
Set-PfaVolumeGroupIOPSLimit	Update-Pfa2VolumeGroup	
Set-PfaVolumeIOPSLimit	Update-Pfa2Volume	
Set-PfaVolumesInProtectionGroup	New-ProtectionGroupVolume	
Test-PfaAlert	Not currently implemented	
Test-PfaAlerts	Not currently implemented	
Test-PfaDirectoryService	Get-Pfa2DirectoryServiceTest	
Test-PfaKmpip	Get-Pfa2KmpipTest	

Test-PfaSnmpTrap	Not currently implemented	
Unlock-PfaUser	Update-Pfa2Admin	
Update-PfaArrayConnectionsThrottlingInformation	Not currently implemented	
Update-PfaltemFlag	Update-Pfa2Alert	
Update-PfaKmip	Update-Pfa2Kmip	
Update-PfaSubnetSettings	Update-Pfa2Subnet	
Update-PfaSubnetStatus	Update-Pfa2Subnet	