

Demystifying APIs: A Practical Guide to Streamlined Data Management and Performance Insights

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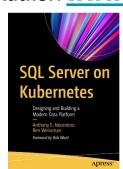
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Agenda

- What's a REST API
- Learning how to use an API
- Let's get into some code...

This isn't a vendor session...

What's a REST API

- REST Representational State Transfer
- Architectural style based on HTTP protocol and Uniform Resource Identifiers (URI) standards
- Client/Server model, independent of each other, modular and stateless
- Allows access & manipulation of text representations of resources
- Perform CRUD operations create, read, update and delete
- Uses uniform & predefined HTTP methods
 - GET, POST, PUT, PATCH and DELETE
- APIs have versions

Pure is API First - How can YOU Use Our APIs?



Automation

Scale your teams by Automating Storage, Migration and Compute Management Tasks



Cloud Integration

Enable Hybrid Cloud and Data Services with Consistent API's



Monitoring

Gain System
Performance Insight
with Correlated Metrics



Forward Thinking Data Protection

Safeguard data against loss, breach, ransomware or availability interruption



Orchestration

Control Your Environment With Ansible, Puppet, or Even Your Own

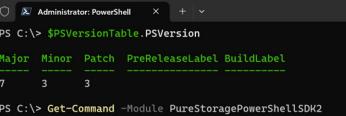


Virtualization and Cloud Native

Deploy and Manage Compute and Storage on VMware, HyperV and PortWorx,

PowerShell SDK 2.26

- Support for REST 1.0 2.31
 - Versioning aligns to Purity API releases
- Versions
 - SDK 1.19 (last update)
 - SDK 2.26
- cmdlet backward compatibility
- Windows PowerShell 5.1 & 7.x support
- Cross-platform with PowerShell Core
 - Linux, Windows, macOS
- PowerShell Gallery install or MSI via GitHub repo
- Get-Help updated
- Release model aligns to API Governance



CommandType	Name	Version	Source
Alias	Get-Pfa2PGroup	2.16.12.0	PureStorag
Alias	New-Pfa2PGroup	2.16.12.0	PureStorag
Alias	Remove-Pfa2PGroup	2.16.12.0	
Alias	Update-Pfa2PGroup	2.16.12.0	
Cmdlet	Connect-Pfa2Array	2.16.12.0	PureStorag
Cmdlet	Disconnect-Pfa2Array	2.16.12.0	PureStorag
Cmdlet	Get-Pfa2ActiveDirectory	2.16.12.0	PureStorag
Cmdlet	Get-Pfa2Admin	2.16.12.0	PureStorag
Cmdlet	Get-Pfa2AdminApiToken	2.16.12.0	PureStorag
Cmdlet	Get-Pfa2AdminCache	2.16.12.0	PureStorag
Cmdlet	Get-Pfa2AdminSetting	2.16.12.0	PureStorag
Cmdlet	Get-Pfa2Alert	2.16.12.0	
Cmdlet	Get-Pfa2AlertEvent	2.16.12.0	
Cmdlet	Get-Pfa2AlertWatcher	2.16.12.0	
Cmdlet	Get-Pfa2AlertWatcherTest	2.16.12.0	PureStorag
Cmdlet	Get-Pfa2ApiClient	2.16.12.0	
Cmdlet	Get-Pfa2ApiVersion	2.16.12.0	
Cmdlet	Get-Pfa2App	2.16.12.0	_
Cmdlet	Get-Pfa2AppNode	2.16.12.0	PureStorag
Cmdlet	Get-Pfa2Array	2.16.12.0	
Cmdlet	Get-Pfa2ArrayCloudProviderTag	2.16.12.0	_
Cmdlet	Get-Pfa2ArrayConnection	2.16.12.0	_
Cmdlet	Get-Pfa2ArrayConnectionKey	2.16.12.0	_
Cmdlet	Get-Pfa2ArrayConnectionPath	2.16.12.0	PureStorag
Cmdlet	Get-Pfa2ArrayEula	2.16.12.0	_
Cmdlet	Get-Pfa2ArrayFactoryResetToken	2.16.12.0	
Cmdlet	Get-Pfa2ArrayNtpTest	2.16.12.0	
Cmdlet	Get-Pfa2ArrayPerformance	2.16.12.0	
Cmdlet	Get-Pfa2ArraySpace	2.16.12.0	_
Cmdlet	Get-Pfa2Audit	2.16.12.0	_
Cmdlet	Get-Pfa2Certificate	2.16.12.0	PureStorag
Cmdlet	Get-Pfa2Connection	2.16.12.0	
Cmdlet	Get-Pfa2Controller	2.16.12.0	PureStorag
Cmdlet	Get-Pfa2Directory	2.16.12.0	
Cmdlet	Get-Pfa2DirectoryExport	2.16.12.0	
Cmdlet	Get-Pfa2DirectoryPerformance	2.16.12.0	
Cmdlet	Get-Pfa2DirectoryPolicy	2.16.12.0	
Cmdlet	Get-Pfa2DirectoryPolicyNfs	2.16.12.0	PureStorag
Cmdlet	Get-Pfa2DirectoryPolicyQuota	2.16.12.0	
Cmdlet	Get-Pfa2DirectoryPolicySmb	2.16.12.0	_
Cmdlet	Get-Pfa2DirectoryPolicySnapshot	2.16.12.0	_
Cmdlet	Get-Pfa2DirectoryQuota	2.16.12.0	
Cmdlet	Get-Pfa2DirectoryService	2.16.12.0	
Cmdlet	Get-Pfa2DirectoryServiceRole		PureStorag

The PowerShell SDK is the most consumed automation integration for FlashArray.

40k+ Downloads



Let's get into some demos...



Resources From Today's Webinar

- Today's Demo Code
 - https://github.com/nocentino/PureApiTechTalk/
- FlashArray API Reference
 - https://support.purestorage.com/bundle/m_microsoft_platform_guide/page/FlashArray/PurityFA/Purity_FA_REST_
 API/topics/reference/r_flasharray_rest_api_reference_guides.html
- Blog
 - www.nocentino.com
 - https://www.nocentino.com/categories/pure-storage-powershell-sdk-2-series/

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THANK YOU

Please review this session



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