



# SolidFire .NET SDK Release Notes

Version: 1.0

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## TABLE OF CONTENTS

Introduction .....	4
Installing the SolidFire .NET SDK .....	4
What's New in this Release .....	5
Contacting SolidFire SDK Support .....	6

## Introduction

The SolidFire .NET SDK is a collection of libraries that facilitate integration and orchestration between proprietary systems and third-party applications. The .NET SDK allows developers to deeply integrate SolidFire system API with the C# or Visual Basic programming languages. The SolidFire .NET SDK reduces the amount of additional coding time required for integration.

The intended audience for this document is C# or Visual Basic developers who are responsible for integrating SolidFire into other applications.

## Installing the SolidFire .NET SDK

Complete the following steps to bring the SolidFire .NET SDK into your environment.

### Prerequisites

- [NuGet](#) package manager for the Microsoft development platform including .NET.
- Microsoft .NET Framework 4.5 or later.
- Visual Studio 2012 or later.
- SolidFire Element OS version 7 or 8.

### Procedure

1. Open the Nuget Package Manager Console in Visual Studio by selecting **Tools > Nuget Package Manager > Package Manager Console**.
2. From the **Package source** drop-down menu, select **nuget.org**.
3. Type the following command in the Package Manager Console command prompt:  
`Install-Package SolidFire.SDK`
4. Review the [GitHub](#) project page for examples of higher level classes and links to supplemental MSDN documentation.

## What's New in this Release

The following SolidFire API methods are available in .NET wrappers in SolidFire .NET SDK version 1.0:

Element OS 8	Element OS 7
AddAccount	AddAccount
AddInitiatorsToVolumeAccessGroup	AddInitiatorsToVolumeAccessGroup
AddVolumesToVolumeAccessGroup	AddVolumesToVolumeAccessGroup
CloneVolume	CloneVolume
CreateGroupSnapshot	CreateGroupSnapshot
CreateSnapshot	CreateSnapshot
CreateVolume	CreateVolume
CreateVolumeAccessGroup	CreateVolumeAccessGroup
DeleteGroupSnapshot	DeleteGroupSnapshot
DeleteSnapshot	DeleteSnapshot
DeleteVolume	DeleteVolume
DeleteVolumeAccessGroup	DeleteVolumeAccessGroup
GetAccountByID	GetAccountByID
GetAccountByName	GetAccountByName
GetAPI	GetAPI
GetAsyncResult	GetAsyncResult
GetVolumeEfficiency	GetVolumeEfficiency
GetVolumeStats	GetVolumeStats
ListAccounts	ListAccounts
ListActiveVolumes	ListActiveVolumes
ListDeletedVolumes	ListDeletedVolumes
ListGroupSnapshots	ListGroupSnapshots
ListSnapshots	ListSnapshots
ListVolumeAccessGroups	ListVolumeAccessGroups
ListVolumes	NA
ListVolumesForAccount	ListVolumesForAccount
ListVolumeStatsByAccount	ListVolumeStatsByAccount

Element OS 8	Element OS 7
ListVolumeStatsByVolume	ListVolumeStatsByVolume
ListVolumeStatsByVolumeAccessGroup	ListVolumeStatsByVolumeAccessGroup
ModifyAccount	ModifyAccount
ModifyGroupSnapshot	NA
ModifySnapshot	NA
ModifyVolume	ModifyVolume
ModifyVolumeAccessGroup	ModifyVolumeAccessGroup
PurgeDeletedVolume	PurgeDeletedVolume
RemoveAccount	RemoveAccount
RemoveInitiatorsFromVolumeAccessGroup	RemoveInitiatorsFromVolumeAccessGroup
RemoveVolumesFromVolumeAccessGroup	RemoveVolumesFromVolumeAccessGroup
RestoreDeletedVolume	RestoreDeletedVolume
RollbackToGroupSnapshot	RollbackToGroupSnapshot
RollbackToSnapshot	RollbackToSnapshot

For more detail on SolidFire API methods, refer to the SolidFire Element API Reference Guide for your operating system.

## Contacting SolidFire SDK Support

If you have any questions or comments about this product, contact [sdk@solidfire.com](mailto:sdk@solidfire.com) or reach out to the developer community at [developer.solidfire.com](https://developer.solidfire.com). Your feedback helps us focus our efforts on new features and capabilities.



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2/1/16