

## Microsoft Azure Service Fabric 6.1 CU3 Release Notes

**Updated: 3/13/2018**

This release includes the bug fixes described in this document.

The following packages and versions are part of this release

<b>Service Fabric Runtime</b>	Windows	6.1.472
<b>Service Fabric for Windows Server</b>	Service Fabric Standalone Installer Package	6.1.472
<b>.NET SDK</b>	Windows .NET SDK	3.0.472
	Microsoft.ServiceFabric	6.1.472
	Reliable Services and Reliable Actors	3.0.472
	ASP.NET Core Service Fabric integration	3.0.472

# Service Fabric runtime

## Versions

- **Windows**      **6.1.472**

## Service Fabric runtime bug fixes specific for Windows

- Fixed a bug where a client connection to the cluster could result in increased response time, around session expiration time.

# Service Fabric for Windows Server

## Versions

- **Windows 6.1.472**

## Bug fixes specific for Service Fabric for Windows Server

- Fixed a bug where a node could show up as Invalid even after being removed from the cluster.
- Enabled parameters to control timeout and node percentage failure during cluster creation and testing cluster configuration.

## Service Fabric PowerShell

### AzureRM.ServiceFabric 0.3.2

- Service Fabric cmdlet refresh
  - Updated ARM templates
  - Failed operations no longer rollback
  - Add-AzureRmServiceFabricNodeType
  - VMs default to managed disks
  - Existing VMSS subnet used
  - All operations are idempotent
  - Remove-AzureRmServiceFabricNodeType cleans up partially created VMSS and/or cluster node types
  - Fixed output of PSCluster object for complex property types

## Repositories and Download Links

The table below is an overview of the direct links to the packages associated with this release.

Please follow this guidance for setting up your developer environment:

- Linux: <https://docs.microsoft.com/en-us/azure/service-fabric/service-fabric-get-started-linux>
- Mac: <https://docs.microsoft.com/en-us/azure/service-fabric/service-fabric-get-started-mac>
- Windows: <https://docs.microsoft.com/en-us/azure/service-fabric/service-fabric-get-started>

Area	Package	Version	Repository	Direct Download Link
Service Fabric Runtime	Linux Developer Set-up	6.1.185 (1.1.1 – SDK for local cluster setup)	N/A	Cluster Runtime: <a href="http://apt-mo.trafficmanager.net/repos/servicefabric/pool/main/s/servicefabric/servicefabric_6.1.185.1.deb">http://apt-mo.trafficmanager.net/repos/servicefabric/pool/main/s/servicefabric/servicefabric_6.1.185.1.deb</a>  Service Fabric SDK for local cluster setup: <a href="http://apt-mo.trafficmanager.net/repos/servicefabric/pool/main/s/servicefabric/sdkcommon_1.1.1.deb">http://apt-mo.trafficmanager.net/repos/servicefabric/pool/main/s/servicefabric/sdkcommon_1.1.1.deb</a>  Container image: <a href="https://hub.docker.com/r/servicefabric/service-fabric-onebox/">https://hub.docker.com/r/servicefabric/service-fabric-onebox/</a>
	Windows Developer Set-up	6.1.472	N/A	<a href="http://download.microsoft.com/download/0/0/3/003673A0-7DE9-493A-B600-43A0AA31EA2D/MicrosoftServiceFabric.6.1.472.9494.exe">http://download.microsoft.com/download/0/0/3/003673A0-7DE9-493A-B600-43A0AA31EA2D/MicrosoftServiceFabric.6.1.472.9494.exe</a>

Area	Package	Version	Repository	Direct Download Link
Service Fabric for Windows Server	Service Fabric Standalone Installer Package	6.1.472	N/A	<a href="http://download.microsoft.com/download/8/3/6/836E3E99-A300-4714-8278-96BC3E8B5528/6.1.472.9494/Microsoft.Azure.ServiceFabric.WindowsServer.6.1.472.9494.zip">http://download.microsoft.com/download/8/3/6/836E3E99-A300-4714-8278-96BC3E8B5528/6.1.472.9494/Microsoft.Azure.ServiceFabric.WindowsServer.6.1.472.9494.zip</a>
	Service Fabric Standalone Runtime	6.1.472	N/A	<a href="http://download.microsoft.com/download/B/0/B/B0BCCAC5-65AA-4BE3-AB13-D5FF5890F4B5/6.1.472.9494/MicrosoftAzureServiceFabric.6.1.472.9494.cab">http://download.microsoft.com/download/B/0/B/B0BCCAC5-65AA-4BE3-AB13-D5FF5890F4B5/6.1.472.9494/MicrosoftAzureServiceFabric.6.1.472.9494.cab</a>
.NET SDK	Windows .NET SDK	3.0.472	N/A	<a href="http://download.microsoft.com/download/0/0/3/003673A0-7DE9-493A-B600-43A0AA31EA2D/MicrosoftServiceFabricSDK.3.0.472.msi">http://download.microsoft.com/download/0/0/3/003673A0-7DE9-493A-B600-43A0AA31EA2D/MicrosoftServiceFabricSDK.3.0.472.msi</a>
	Microsoft.ServiceFabric	6.1.472	N/A	<a href="https://www.nuget.org">https://www.nuget.org</a>
	Reliable Services and Reliable Actors <ul style="list-style-type: none"> <li>Microsoft.ServiceFabric.Services</li> <li>Microsoft.ServiceFabric.Services.Remoting</li> <li>Microsoft.ServiceFabric.Services.Wcf</li> <li>Microsoft.ServiceFabric.Actors</li> <li>Microsoft.ServiceFabric.Actors.Wcf</li> </ul>	3.0.472	<a href="https://github.com/Azure/service-fabric-services-and-actors-dotnet">https://github.com/Azure/service-fabric-services-and-actors-dotnet</a>	<a href="https://www.nuget.org">https://www.nuget.org</a>

Area	Package	Version	Repository	Direct Download Link
	ASP.NET Core Service Fabric integration <ul style="list-style-type: none"> <li>Microsoft.ServiceFabric.Services.AspNetCore.*</li> </ul>	3.0.472	<a href="https://github.com/Azure/service-fabric-aspnetcore">https://github.com/Azure/service-fabric-aspnetcore</a>	<a href="https://www.nuget.org">https://www.nuget.org</a>
	<ul style="list-style-type: none"> <li>Microsoft.ServiceFabric.Data</li> <li>Microsoft.ServiceFabric.Diagnostics.Internal</li> <li>Microsoft.ServiceFabric.FabricTransport.Internal</li> </ul>	3.0.472	N/A	<a href="https://www.nuget.org">https://www.nuget.org</a>
<b>Java SDK</b>	Java SDK	1.0.0-preview2	N/A	<a href="https://mvnrepository.com/artifact/com.microsoft.servicefabric/sf-actors/1.0.0-preview2">https://mvnrepository.com/artifact/com.microsoft.servicefabric/sf-actors/1.0.0-preview2</a>
<b>Visual Studio</b>	Visual Studio 2017 Tools for Service Fabric	2.0.20180124.2	N/A	Included in Visual Studio 2017 Update 6 (15.5.6) and above
	Visual Studio 2015 Tools for Service Fabric	2.0.20180124.2	N/A	See localized download links below
<b>Eclipse</b>	Service Fabric plug-in for Eclipse	2.0.6	N/A	N/A
<b>Yeoman</b>	Azure Service Fabric Java generator	1.0.4	<a href="https://github.com/Azure/generator-azuresfjava">https://github.com/Azure/generator-azuresfjava</a>	N/A
	Azure Service Fabric C# generator	1.0.3	<a href="https://github.com/Azure/generator-azuresfcsharp">https://github.com/Azure/generator-azuresfcsharp</a>	N/A
	Azure Service Fabric guest executables generator	1.0.0	<a href="https://github.com/Azure/generator-azuresfguest">https://github.com/Azure/generator-azuresfguest</a>	N/A
	Azure Service Fabric Container generators	1.0.0	<a href="https://github.com/Azure/generator-azuresfcontainer">https://github.com/Azure/generator-azuresfcontainer</a>	N/A
<b>CLI</b>	Service Fabric CLI	3.0.0	<a href="https://github.com/Azure/service-fabric-cli">https://github.com/Azure/service-fabric-cli</a>	<a href="https://pypi.python.org/pypi/sfctl">https://pypi.python.org/pypi/sfctl</a>

Area	Package	Version	Repository	Direct Download Link
PowerShell	AzureRM.ServiceFabric	0.3.2	<a href="https://github.com/Azure/azure-powershell/tree/preview/src/ResourceManager/ServiceFabric">https://github.com/Azure/azure-powershell/tree/preview/src/ResourceManager/ServiceFabric</a>	<a href="https://www.powershellgallery.com/packages/AzureRM.ServiceFabric/0.3.2">https://www.powershellgallery.com/packages/AzureRM.ServiceFabric/0.3.2</a>

### Visual Studio 2015 Tool for Service Fabric – localized download links

**NOTE:** The below download links are for the 2.0.20180124.2 release of Visual Studio 2015 Tools for Service Fabric.

<http://download.microsoft.com/download/0/0/3/003673A0-7DE9-493A-B600-43A0AA31EA2D/MicrosoftAzureServiceFabricTools.VS140.de-de.msi>  
<http://download.microsoft.com/download/0/0/3/003673A0-7DE9-493A-B600-43A0AA31EA2D/MicrosoftAzureServiceFabricTools.VS140.en-us.msi>  
<http://download.microsoft.com/download/0/0/3/003673A0-7DE9-493A-B600-43A0AA31EA2D/MicrosoftAzureServiceFabricTools.VS140.es-es.msi>  
<http://download.microsoft.com/download/0/0/3/003673A0-7DE9-493A-B600-43A0AA31EA2D/MicrosoftAzureServiceFabricTools.VS140.fr-fr.msi>  
<http://download.microsoft.com/download/0/0/3/003673A0-7DE9-493A-B600-43A0AA31EA2D/MicrosoftAzureServiceFabricTools.VS140.it-it.msi>  
<http://download.microsoft.com/download/0/0/3/003673A0-7DE9-493A-B600-43A0AA31EA2D/MicrosoftAzureServiceFabricTools.VS140.ja-jp.msi>  
<http://download.microsoft.com/download/0/0/3/003673A0-7DE9-493A-B600-43A0AA31EA2D/MicrosoftAzureServiceFabricTools.VS140.ko-kr.msi>  
<http://download.microsoft.com/download/0/0/3/003673A0-7DE9-493A-B600-43A0AA31EA2D/MicrosoftAzureServiceFabricTools.VS140.ru-ru.msi>  
<http://download.microsoft.com/download/0/0/3/003673A0-7DE9-493A-B600-43A0AA31EA2D/MicrosoftAzureServiceFabricTools.VS140.zh-cn.msi>  
<http://download.microsoft.com/download/0/0/3/003673A0-7DE9-493A-B600-43A0AA31EA2D/MicrosoftAzureServiceFabricTools.VS140.zh-tw.msi>