

Microsoft Azure Service Fabric v6.2 CU1 Release Notes

Updated 5/10/2018

This release includes the bug fixes and features described in this document. This release includes runtime, SDKs and Windows Server Standalone deployments to run on-premises.

The release notes below only cover the changes between 6.2 and 6.2 CU1. Please refer here for the release for 6.2. <https://msdnshared.blob.core.windows.net/media/2018/04/Microsoft-Azure-Service-Fabric-Release-Notes-SDK-3.1-Runtime-6.2.docx>

The following packages and versions are part of this release

Service Fabric Runtime	Ubuntu	6.2.191.1
	Windows	6.2.274.9494
Service Fabric for Windows Server	Service Fabric Standalone Installer Package	6.2.274.9494
.NET SDK	Windows .NET SDK	3.1.274.9494
	Microsoft.ServiceFabric	6.2.274.9494
	Reliable Services and Reliable Actors	3.1.274.9494
	ASP.NET Core Service Fabric integration	3.1.274.9494

Service Fabric Runtime

Versions

- **Windows** **6.2.274.9494**
- **Ubuntu** **6.2.191.1**

Service Fabric common runtime bug fixes

- Fixed a bug which could cause replication to not make progress.
- Fixed a bug which would cause the Fault Analysis Service to crash on systems not using US locale for date and time.
- Fixed a bug, which could cause a race condition between backup and checkpoint of stateful services.
- Fixed a bug, where the upgrade of .NET Core services from 6.1 to 6.2, could cause the services to not start, due to an assembly load issue.
- User can set hosting config 'UseContainerServiceArguments' to 'false' to indicate that Service Fabric should not pass any argument to docker engine except '--pidfile' argument.

Service Fabric Windows Runtime Fixes

Versions

- **Windows** **6.2.274.9494**

Bugs and Features

- Increase DockerRequestTimeout to 120 sec for Windows

Service Fabric Linux Runtime Fixes

Versions

- **Ubuntu** **6.2.191.1**

Bugs and Features

- Fixed a bug, where an upgrade to 6.2 could cause log corruption.

Service Fabric Standalone

Versions

- **Windows** **6.2.274.9494**

Bugs and Features

- Fixed a bug where node state was not removed from the cluster, even though the node were removed.

Repositories and Download Links

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

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	Ubuntu Developer Set-up	6.2.191.1	N/A	Cluster Runtime: https://apt-mo.trafficmanager.net/repos/servicefabric/pool/main/s/servicefabric/ Service Fabric SDK for local cluster setup: https://apt-mo.trafficmanager.net/repos/servicefabric_sdkcommon_1.2.0.deb Container image: https://hub.docker.com/r/microsoft/service-fabric-onebox/

Area	Package	Version	Repository	Direct Download Link
	Red Hat Developer Set-up	6.1.189.1	N/A	Cluster Runtime: https://packages.microsoft.com/yumrepos/microsoft-rhel7.4-prod/ Service Fabric SDK for local cluster setup: https://packages.microsoft.com/yumrepos/microsoft-rhel7.4-prod/servicefabric_sdkcommon_1.1.2.rpm
	Windows Developer Set-up	6.2.274.9494	N/A	https://download.microsoft.com/download/9/3/5/93511610-1E1C-4727-82CA-97E141ABC376/MicrosoftServiceFabric.6.2.274.9494.exe
Service Fabric for Windows Server	Service Fabric Standalone Installer Package	6.2.274.9494	N/A	https://download.microsoft.com/download/8/3/6/836E3E99-A300-4714-8278-96BC3E8B5528/6.2.274.9494/Microsoft.Azure.ServiceFabric.WindowsServer.6.2.274.9494.zip
	Service Fabric Standalone Runtime	6.2.274.9494	N/A	https://download.microsoft.com/download/B/0/B/B0BCCAC5-65AA-4BE3-AB13-D5FF5890F4B5/6.2.274.9494/MicrosoftAzureServiceFabric.6.2.274.9494.cab
.NET SDK	Windows .NET SDK	3.1.274.9494	N/A	https://download.microsoft.com/download/9/3/5/93511610-1E1C-4727-82CA-97E141ABC376/MicrosoftServiceFabricSDK.3.1.274.msi

Area	Package	Version	Repository	Direct Download Link
	Microsoft.ServiceFabric Microsoft.ServiceFabric.Data Microsoft.ServiceFabric.Data.Interfaces Microsoft.ServiceFabric.Diagnostics.Internal Microsoft.ServiceFabric.FabricTransport.Internal	6.2.274.9494	N/A	https://www.nuget.org
	Reliable Services and Reliable Actors <ul style="list-style-type: none"> • Microsoft.ServiceFabric.Services • Microsoft.ServiceFabric.Services.Remoting • Microsoft.ServiceFabric.Services.Wcf • Microsoft.ServiceFabric.Actors • Microsoft.ServiceFabric.Actors.Wcf 	3.1.274.9494	https://github.com/Azure/service-fabric-services-and-actors-dotnet	https://www.nuget.org
	ASP.NET Core Service Fabric integration <ul style="list-style-type: none"> • Microsoft.ServiceFabric.Services.AspNetCore.* 	3.1.274.9494	https://github.com/Azure/service-fabric-aspnetcore	https://www.nuget.org
	Microsoft.ServiceFabric.Data.Extensions	1.3.274	N/A	https://www.nuget.org
Java SDK	Java SDK	1.0.0	N/A	https://mvnrepository.com/artifact/com.microsoft.servicefabric/
Visual Studio	Visual Studio 2017 Tools for Service Fabric	2.1.20180423.1	N/A	Included in Visual Studio 2017 Update 7 (15.7) and above
	Visual Studio 2015 Tools for Service Fabric	2.1.20180510.2	N/A	See localized download links below

Area	Package	Version	Repository	Direct Download Link
Eclipse	Service Fabric plug-in for Eclipse	2.0.7	N/A	N/A
Yeoman	Azure Service Fabric Java generator	1.0.5	https://github.com/Azure/generator-azuresfjava	N/A
	Azure Service Fabric C# generator	1.0.4	https://github.com/Azure/generator-azuresfcsharp	N/A
	Azure Service Fabric guest executables generator	1.0.0	https://github.com/Azure/generator-azuresfguest	N/A
	Azure Service Fabric Container generators	1.0.0	https://github.com/Azure/generator-azuresfcontainer	N/A
CLI	Service Fabric CLI	4.0.0	https://github.com/Azure/service-fabric-cli	https://pypi.python.org/pypi/sfctl
PowerShell	AzureRM.ServiceFabric	0.3.5	https://github.com/Azure/azure-powershell/tree/preview/src/ResourceManager/ServiceFabric	https://www.powershellgallery.com/packages/AzureRM.ServiceFabric

Visual Studio 2015 Tool for Service Fabric – localized download links

NOTE: The below download links are for the 2.1.20180510.2 release of Visual Studio 2015 Tools for Service Fabric.

<https://download.microsoft.com/download/9/3/5/93511610-1E1C-4727-82CA-97E141ABC376/MicrosoftAzureServiceFabricTools.VS140.de-de.msi>

<https://download.microsoft.com/download/9/3/5/93511610-1E1C-4727-82CA-97E141ABC376/MicrosoftAzureServiceFabricTools.VS140.en-us.msi>

<https://download.microsoft.com/download/9/3/5/93511610-1E1C-4727-82CA-97E141ABC376/MicrosoftAzureServiceFabricTools.VS140.es-es.msi>

<https://download.microsoft.com/download/9/3/5/93511610-1E1C-4727-82CA-97E141ABC376/MicrosoftAzureServiceFabricTools.VS140.fr-fr.msi>

<https://download.microsoft.com/download/9/3/5/93511610-1E1C-4727-82CA-97E141ABC376/MicrosoftAzureServiceFabricTools.VS140.it-it.msi>

<https://download.microsoft.com/download/9/3/5/93511610-1E1C-4727-82CA-97E141ABC376/MicrosoftAzureServiceFabricTools.VS140.ja-jp.msi>

<https://download.microsoft.com/download/9/3/5/93511610-1E1C-4727-82CA-97E141ABC376/MicrosoftAzureServiceFabricTools.VS140.ko-kr.msi>

<https://download.microsoft.com/download/9/3/5/93511610-1E1C-4727-82CA-97E141ABC376/MicrosoftAzureServiceFabricTools.VS140.ru-ru.msi>

<https://download.microsoft.com/download/9/3/5/93511610-1E1C-4727-82CA-97E141ABC376/MicrosoftAzureServiceFabricTools.VS140.zh-cn.msi>

<https://download.microsoft.com/download/9/3/5/93511610-1E1C-4727-82CA-97E141ABC376/MicrosoftAzureServiceFabricTools.VS140.zh-tw.msi>

