



**.NET 3.0**

**Release Notes for Containers**





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## Abstract

The Release Notes for Containers is an extension of the Release Notes for RPMs. These release notes list changes to the .NET Core 3.0 containers [registry.redhat.io/dotnet/dotnet-30-rhel7](https://registry.redhat.io/dotnet/dotnet-30-rhel7) and [registry.redhat.io/dotnet/dotnet-30-runtime-rhel7](https://registry.redhat.io/dotnet/dotnet-30-runtime-rhel7). The former is the source-to-image builder, and the latter is a runtime-only image.

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# CHAPTER 1. NEW FEATURES IN .NET CORE 3.0 CONTAINERS

The .NET Core 3.0 Release Notes for Containers is an extension of the .NET Core 3.0 Release Notes for RPMs. See [.NET Core 3.0 Release Notes for RPMs](#) for information on known issues, the operating system architecture, privacy, and support.

## 1.1. NEW FEATURES

- .NET Core 3.0 runtime image:
  - Based on RHEL 7: **[registry.redhat.io/dotnet/dotnet-30-runtime-rhel7](https://registry.redhat.io/dotnet/dotnet-30-runtime-rhel7)**
  - Based on RHEL 8: **[registry.access.redhat.com/ubi8/dotnet-30-runtime](https://registry.access.redhat.com/ubi8/dotnet-30-runtime)**
- .NET Core 3.0 source-to-image builder image:
  - Based on RHEL 7: **[registry.redhat.io/dotnet/dotnet-30-rhel7](https://registry.redhat.io/dotnet/dotnet-30-rhel7)**
  - Based on RHEL 8: **[registry.access.redhat.com/ubi8/dotnet-30](https://registry.access.redhat.com/ubi8/dotnet-30)**

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## CHAPTER 2. ENVIRONMENT VARIABLE UPDATES

The following environment variables have been added or removed for the .NET Core 3.0 container image.

### 2.1. NEW VARIABLES

**DOTNET\_RESTORE\_CONFIGFILE** Specifies a **NuGet.Config** file to be used for restore operations. This variable cannot be combined with **DOTNET\_RESTORE\_SOURCES**.

**DOTNET\_PUBLISH\_READYTORUN** When set to **true**, the application will be compiled ahead-of-time. This reduces startup time by reducing the amount of work the JIT compiler needs to do when the application is loading. Defaults to **false**.

See [Environment Variables](#) for the list of environment variables available with .NET Core 3.0.

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## CHAPTER 3. KNOWN ISSUES

There are no known issues for .NET Core 3.0 containers.

See [Chapter 7, Known Issues](#) in the .NET Core 3.0 Release Notes for RPMs for a list of known issues and workarounds for RPMs.

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