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Windows containers Vs Hyper-V Container

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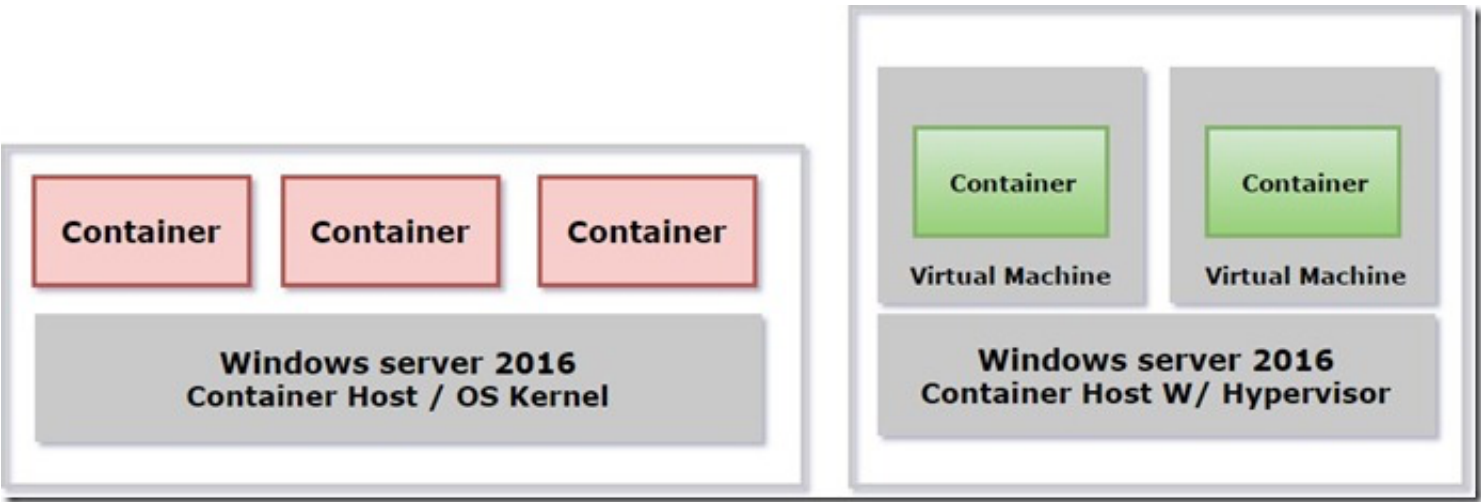


Windows containers Hyper-V Containers

In this blog, we are sharing difference between **windows containers** **hyper-v containers**.

INTRODUCTION

There are two different types of containers available in windows 2016. They are **Windows containers** & **Hyper-V Containers**.



(<https://www.assistanz.com/wp-content/uploads/2017/03/Untitled-Diagram-6.jpg>)

Windows Container

Hyper-V Container

The difference between these two containers is that container host will have hyper-V role installed in it. When containers (**Hyper-V Containers**), it transparently started inside a Hyper-V virtual machine. Microsoft provides extra security for containers.

Hyper-V containers will have its **own kernel** instead of sharing with container host. Running Hyper-V containers is noticeable. The commands are slightly different to launch **Hyper-V containers**.

Windows containers will **share the kernel** with the container host.

DOCKER COMMANDS

The command to launch **windows container** will be

```
docker run -it microsoft/windowsservercore powershell
```

The command to launch Hyper-V container will be

```
docker run -it --isolation=hyperv microsoft/windowsservercore powershell
```

We will share the in-depth knowledge about **Hyper-V containers** in future blogs. Thanks for reading this blog. It will be useful for you to learn the difference between **windows containers vs Hyper-V Containers**.

windows container vs hyper-v container
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