# Oracle® Fusion Middleware

## Reference for Oracle Internet Directory on Docker and Kubernetes

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# Contents

# 1
# Overview

This document provides an overview of deploying and running Oracle Internet Directory on Docker and Kubernetes.

It contains the following topics:

- Oracle Internet Directory on Docker
- Oracle Internet Directory on Kubernetes

## 1.1 Oracle Internet Directory on Docker

Docker is a platform that enables you to build, package, ship and run distributed applications. You can package your applications and any dependent libraries or files into a Docker image.

Container images are portable artifacts that can be distributed across environments. Images that have been distributed can be used to instantiate containers where applications can run in isolation from other applications running in other containers on the same host operating system.

You can install Oracle Internet Directory container images in the following ways:

- Download a prebuilt OID image from My Oracle Support by referring to the document ID 2723908.1. This image is prebuilt by Oracle and includes Oracle Internet Directory 12.2.1.4.0 and the latest PSU.
- Build your own Oracle Internet Directory container images either by using the WebLogic Image Tool or by using the dockerfile, scripts and base image from Oracle Container Registry (OCR). You can also build your own image by using only the dockerfile and scripts. For more information about the various ways in which you can build your own container image, see Building the Oracle Internet Directory Image.

After you install the Oracle Internet Directory container image, create and configure Oracle Internet Directory 12.2.1.4.0 Docker containers as described in Creating Oracle Internet Directory Containers.

## 1.2 Oracle Internet Directory on Kubernetes

Kubernetes is a system for running and coordinating containerized applications across clusters. It manages the life cycle of containerized applications and services, thereby providing predictability, scalability, and high availability.

Oracle provides tools to assist you with deploying and managing Oracle Internet Directory domains in a Kubernetes environment. To configure the Oracle Internet Directory containers with Kubernetes, see Oracle Internet Directory on Kubernetes.