

RED HAT  
**SUMMIT**

# Red Hat Container Catalog

Consuming Container Images from  
Red Hat and its Ecosystem

Dirk Herrmann  
Product Owner Container Catalog  
May 2nd 2017

# The Value & New Challenges

It's quick and easy to pull a Linux container image from a public registry and get started.

In fact, too easy. There can be an explosion of different distributions, architectures, performance and security characteristics in different images.



### Red Hat Registry Stats

- 227 repositories
- 2,169 images
- 1+ TB storage



### Red Hat Security Statistics 2016

- 97 critical RHSA
- 286 important RHSA
- 100% fixed in <1d \*



### Red Hat Customer Portal Stats 2016

- 13,100,00 visitors
- 2,400,000 searches
- 108,300,00 views



- Cross-team effort of 10 teams across 4 organizations
- Design driven approach focusing on end customer user experience

## RED HAT® CONTAINER CATALOG

- Container Health Index
- Extensive Image Metadata
- Image Documentation
- Image Advisories



## Vision

Our vision is to help developers, architects, and IT operations realize the full potential of containers by transforming the way container-based applications are built, delivered, and consumed

1 Explore &  
Search

2 Evaluate &  
Select

3 Consume &  
Distribute

4 Use &  
Maintain

## Mission

Our mission is to provide customers and partners with the best experience when delivering and consuming container-based applications. This includes the right information and guidance to make intelligent decisions about which container images to consume



**Joe**  
Architect

I want to explore what's inside the Red Hat Container Catalog  
I want to search for a product and see all images belonging to it

**1** Explore & Search

**2** Evaluate & Select

**3** Consume & Distribute

**4** Use & Maintain

I'm searching for a database container image  
I'm searching for Red Hat Enterprise Linux base image

**Jane**  
Developer





Explore the Catalog:

Repository Activity in the Last 30 Days

<p><b>New (17)</b> Brand new repositories which have recently been added to the catalog.</p>	<p><b>Updated (148)</b> Active repositories with a recent image update.</p>	<p><b>Most Popular (50)</b> Top 50 most pulled repositories over the last month.</p>
--	---	--

Popular Products [View all products](#)

<p>Red Hat Enterprise Linux (53)</p>	<p>Red Hat OpenShift Container Platform (44)</p>	<p>JBoss Enterprise Application Platform (3)</p>
<p>JBoss Fuse (2)</p>	<p>Red Hat Gluster Storage (2)</p>	

Popular Application Categories

<p>Container Platform / Management (33)</p>	<p>Operating System (22)</p>	<p>Mobile Application Development Platform (MADP) (20)</p>
<p>Programming Languages &amp; Runtimes (16)</p>	<p>Logging &amp; Monitoring (15)</p>	<p>Virtualization Platform (12)</p>

Image Architectures

<p>Application Image (46)</p>	<p>Builder Image (13)</p>	<p>Base Image (10)</p>
-------------------------------	---------------------------	------------------------

popular Red Hat and Ecosystem products

use our explore page to browse most relevant products and image categories

Base, Builder and Application Images

app categories such as database, programming language, logging





Jane  
Developer

*I'm looking for a base image, what are my options?*

Image Repositories Products

APPLICATION CATEGORY

- Operating System (0)

PRODUCT

- Red Hat Enterprise Linux (0)

RELEASE CATEGORIES

- Generally Available (0)

IMAGE ARCHITECTURES

- Base Image (0)

10 of 10 Results

Repository Name	Health Index	Push
<p>rhel7/ubi</p> <p>Red Hat Enterprise Linux by Red Hat, Inc.</p> <p>This platform image provides a minimal runtime to build, run and deploy Red Hat Enterprise Linux 7 applications as a container on a Red Hat Enterprise Linux 7 and Red Hat Enterprise Linux 7 Atomic host.</p> <p>4 days ago</p> <p>7.3-82</p> <p>Health <span style="color: green;">A</span> <span style="color: green;">B</span> <span style="color: green;">C</span> <span style="color: green;">D</span> <span style="color: green;">E</span></p> <p>↓ 75k</p>		
<p>rhel6/ubi</p> <p>Red Hat Enterprise Linux 6.8 by Red Hat, Inc.</p> <p>This platform image provides a minimal runtime to build, run and deploy Red Hat Enterprise Linux 6 applications as a container on a Red Hat Enterprise Linux 7 and Red Hat Enterprise Linux 7 Atomic host.</p> <p>4 days ago</p> <p>6.8-85</p> <p>Health <span style="color: green;">A</span> <span style="color: green;">B</span> <span style="color: green;">C</span> <span style="color: green;">D</span> <span style="color: green;">E</span></p> <p>↓ 2k</p>		
<p>rhel7.3</p> <p>Red Hat Enterprise Linux by Red Hat, Inc.</p> <p>This platform image provides a minimal runtime to build, run and deploy Red Hat Enterprise Linux 7.3 applications as a container on a Red Hat Enterprise Linux 7 and Red Hat Enterprise Linux 7 Atomic host.</p> <p>4 days ago</p> <p>7.3-82</p> <p>Health <span style="color: green;">A</span> <span style="color: green;">B</span> <span style="color: green;">C</span> <span style="color: green;">D</span> <span style="color: green;">E</span></p> <p>↓ 15k</p>		

Popular Application Categories

Container Platform / Management (33)	Operating System (22)	Mobile Application Development Platform (MADP) (20)
Programming Languages & Runtimes (16)	Logging & Monitoring (15)	Virtualization Platform (12)
Application Image (46)	Builder Image (13)	Base Image (10)

Base Image

Category Overview

Simply put, a base image is an image that has no parent layer. Typically, a base image contains a fresh copy of an operating system. Base images normally include the tools (yum, rpm, apt-get, etc.) needed necessary to install packages / make updates to the image over time. While base images can be "hard crafted" in practice they are typically provisioned and published by open source projects (like Debian, Fedora or CentOS) and vendors like Red Hat. The provenance of base images is critical for security. In short, the sole purpose of a base image is to provide a starting place for creating your derivative images. When using a Dockerfile, the choice of which base image you are using is explicit. FROM registry.access.redhat.com/ubi7

Red Hat currently provides two main base images supported to be used for different use cases:

<p><b>RHEL Image</b></p> <ul style="list-style-type: none"> <li>Defines the RHEL "platform" tier</li> <li>All standard RHEL packages</li> <li>Less than 200M</li> <li>Standard RHEL lifecycle</li> <li>Major &amp; minor releases are preserved in the registry (similar to ISO)</li> <li>YUM package manager</li> <li>Standard RHEL binaries</li> </ul> <p>GO TO RHEL IMAGE</p>	<p><b>Atomic Image</b></p> <ul style="list-style-type: none"> <li>Minimal footprint</li> <li>250M compressed</li> <li>TSMock disk</li> <li>Only latest minor release</li> <li>Removal of non-essential components (python, systemd, etc)</li> <li>Microdist package manager</li> <li>No SUID binaries</li> </ul> <p>GO TO ATOMIC IMAGE</p>
--	--

The Red Hat Container Catalog provides namespaces, repositories, and tags to make it easy to consume images with the desired lifecycle. Here are some examples:

- Latest version of the current release: rhel/latest
- Latest version of a major release: rhel/latest\_rhel7/latest
- Latest version of a specific minor release: rhel/latest\_rhel7.3/latest

When a new Red Hat Enterprise Linux minor release is shipped we deprecate the older minor release version and mark it in the Red Hat Container Catalog accordingly including a pointer to the repository supported to be used instead. Minor release repositories are useful for standardizing at a point in time and are analogous to ISO images for RHEL.

All Red Hat Enterprise Linux Base Image variants listed below:

10 of 10 repositories belong to this category

Repository Name	Health Index	Push
<p>rhel6/ubi</p> <p>Red Hat Enterprise Linux by Red Hat, Inc.</p> <p>This platform image provides a minimal runtime to build, run and deploy Red Hat Enterprise Linux 7 applications as a container on a Red Hat Enterprise Linux 7 and Red Hat Enterprise Linux 7 Atomic host.</p> <p>4 days ago</p> <p>7.3-82</p> <p>Health <span style="color: green;">A</span> <span style="color: green;">B</span> <span style="color: green;">C</span> <span style="color: green;">D</span> <span style="color: green;">E</span></p> <p>↓ 75k</p>		
<p>rhel6/ubi</p> <p>Red Hat Enterprise Linux 6.8 by Red Hat, Inc.</p> <p>This platform image provides a minimal runtime to build, run and deploy Red Hat Enterprise Linux 6 applications as a container on a Red Hat Enterprise Linux 7 and Red Hat Enterprise Linux 7 Atomic host.</p> <p>4 days ago</p> <p>6.8-85</p> <p>Health <span style="color: green;">A</span> <span style="color: green;">B</span> <span style="color: green;">C</span> <span style="color: green;">D</span> <span style="color: green;">E</span></p> <p>↓ 2k</p>		

use the Base Images filter on search page

or use Base Images tile on explore page

to find our Red Hat base images





Products - See all 4 Product results ▶

Red Hat Container Development Kit  
 Red Hat OpenShift Container Platform  
 JBoss A-MQ  
 Red Hat Virtualization

Image Repositories - See all 85 Image Repository results ▶

Base image with essential libraries and tools used as a base for builder images like perl, python, ruby, etc. - rhsc1/s2r-base-rhel7

Red Hat Enterprise Linux 7 - rhel7-atomic

Red Hat Enterprise Linux 6 - rhel6/rhel

RHMAP 4.3 Ngui - rhmap43/th-ngui

Database &amp; Data Management - Application Category

Base Image / OS - Application Category

Image Repositories

Products

## APPLICATION CATEGORY

- Container Platform / Management (3)
- Operating System (2)
- Mobile Application Development Platform (MADP) (20)
- Logging & Monitoring (15)
- Programming Languages & Runtimes (13)

More

## PRODUCT

- Red Hat Enterprise Linux (52)
- Red Hat OpenShift Container Platform (42)
- Red Hat Mobile Application Platform (20)
- Red Hat OpenStack Platform (1)
- Other (8)

More

## RELEASE CATEGORIES

- Generally Available (131)
- Tech Preview (18)

## IMAGE ARCHITECTURES

- Containerized Product Component (73)
- Standalone Image (42)
- Builder Image (1)
- Base Image (9)

10 of 165 Res

Repository

rhel7/rhel

Red Hat E

This platfor

Red Hat Ent

Enterprise L

rhel7/kubernetes-controller-mgr

**Kubernetes Controller Manager** by Red Hat, Inc.

The Kubernetes controller manager watches the shared state of the cluster through the apiserver and makes changes attempting to move the current state towards the desired state.

10 days ago

1.5.2-4

Grade A

↓ 65k

rnceph/rhceph-13-rhel7

**rhceph/rhceph-1.3-rhel7** by Red Hat, Inc.

Red Hat Ceph Storage 1.3 (selectable daemon single image)

5 months ago

1.3.3-3

Grade A

↓ 351

jboss-datagrid-6/datagrid65-openshift

**JBoss Data Grid 6.5** by Red Hat, Inc.

JBoss DataGrid OpenShift

2 months ago

1.2-29

Grade B

↓ 155k

jboss-webserver-3/webserver30-tomcat8-openshift

**JBoss Web Server 3.0** by Red Hat, Inc.

Platform for building and running web applications on JBoss Web Server 3.0 - Tomcat v8

a month ago

1.2-22

Grade A

↓ 166k

mscl/nodejs-4-rhel7

**Node.js 4** by Red Hat, Inc.

9 days ago

4-11.15

Grade A

↓ 198k

You can search for:

- Images / Repos
- Products
- Image ID
- Advisory ID
- Categories
- Keywords
- etc.

Filter facets  
for multiple  
characteristicsType-ahead  
contains products,  
repositories and  
app categoriesSearch results with  
key data





**Joe**

Architect

I want to see the key characteristics of an image.  
Is there documentation available around an image?

1 Explore & Search

2 Evaluate & Select

3 Consume & Distribute

4 Use & Maintain

What are the environment variables defined inside the image?  
I would like to learn how this images has been built.

**Jane**

Developer





# RHEL Atomic Base Image

by [Red Hat, Inc.](#) | in Product [Red Hat Enterprise Linux](#)

[registry.access.redhat.com/rhel-atomic](#) Updated 5 days ago 7.3-19 : Health Index ▲ | | | | |

[Overview](#)[Get this image](#)[Tech Details](#)[Documentation](#)[Tags](#)

## Description

The Red Hat Enterprise Linux 7 Atomic Base Image is designed to be a fully supported foundation for your custom developed applications which are built and updated rapidly, and don't require the extensive libraries or services in the operating system. This image is maintained by Red Hat and updated regularly, following the latest minor release cadence of Red Hat Enterprise Linux. It is designed for containerized applications that don't rely on a full, traditional Linux userspace, but wish to maintain complete runtime compatibility with RHEL. When used as the source for your containers, only one copy will ever be downloaded and cached in your production environment. Use this image just like you would a regular Red Hat Enterprise Linux distribution. Only a minimal set of tools are provided - components such as python, systemd, and yum are not included by default. Extra packages can be installed and updated with a simplified package manager called microdnf.

**Application Categories:** [Operating System](#)

**Keywords:** [base](#) [rhel7](#) [atomic](#)

▼ Hide Repository Specifications

Registry	registry.access.redhat.com
Namespace/Repository	rhel-atomic
Release Category	Generally Available
Repository Size	112.5 MB
Image Versions	4
Subscription Required	No

## Most recent tag

[View All Tags](#)

Updated 5 days ago

7.3-19

**Health Index**

▲ | | | | |

**Image Advisory**

[RHBA-2017:1123](#)

▶ Show Image Specifications

overview page  
shows most  
relevant repository  
and latest image  
version data

additional tabs for  
consumption  
guidance, further  
technical details,  
surrounding  
documentation  
and tag index



Joe

Architect

I want to learn more how to consume and use this image.  
Do I need a subscription or license to pull it?

1 Explore & Search

2 Evaluate & Select

3 Consume & Distribute

4 Use & Maintain

I want to pull this image, what do I need to do?  
I'm using Red Hat Satellite 6, how can I sync the repository?

Jane

Developer





# RHEL Atomic Base Image

by [Red Hat, Inc.](#) in Product [Red Hat Enterprise Linux](#)

[registry.access.redhat.com/rhel-atomic](#) Updated 11 days ago 🔍 7.3-15 : Freshness ▲

- Overview
- Get this image**
- Tech Details
- Documentation
- Tags

### Choose your platform:

Red Hat Satellite

See [Acquiring Red Hat Container Images](#) for general information on acquiring images listed in the Red Hat Container Catalog. Select "Choose your platform" for specific acquire paths.

Satellite 6 supports two different ways to distribute container images to its managed hosts:

- A. **External Registries:** You can [configure external registries](#) by navigating to **Containers > Registries** in the Web UI of Satellite 6. Note that in this scenario Satellite 6 only triggers commands executed on the corresponding container host. This is a **pass-by** scenario because the image is neither pulled through Satellite 6 nor cached or stored inside Satellite 6. This also applies for the predefined external registry Docker Hub while [creating a new container](#).
- B. **Local Content:** Red Hat Satellite allows you to [import / synchronize images from local and external registries](#). Satellite itself can act as an image registry for hosts. However, hosts cannot push changes back to the registry.

In this document we describe how to use Satellite 6 to synchronize external image repositories (**local content, scenario B**).

## 1 Prerequisites

- Before container images can be synchronized into Satellite 6 the following prerequisites have to be met:
- Red Hat Satellite 6 has been installed following the [Satellite 6 Install Guide](#)
  - [Subscription Manifest](#) created and uploaded to Satellite 6 to access content
  - For CLI Users only: [hammer CLI installed and configured](#)

## 2 Creating a Custom Product

consumption guidance for different container runtime env's and registries

consumption details including copyable command lines





**Carl**

Security

I want to see which updates are applicable to an image used by us  
I want to see an actionable result for applicable security updates

1 Explore & Search

2 Evaluate & Select

3 Consume & Distribute

4 Use & Maintain

I want to get a list of all images associated with an advisory ID  
I want to see an aggregated and simple freshness description

**Jane**

Developer



**Jane**  
Developer

*How can I get more details around an image I'm using?*

```
[root@dherrman ~]# docker images | grep nodejs
registry.access.redhat.com/rhscsl/nodejs-4-rhel7 4-11.14
bf9f9320b3d2 9 weeks ago 444 MB
[root@dherrman ~]#
```

Red Hat Container Catalog

Image Repositories - See all Image Repository results ▶

Platform for building and running Node.js 4 applications - rhscsl/nodejs-4-rhel7

Tag Name	Date Pushed	Image Advisory	Health Index	Docker Image ID
4-11.16	4 days ago	RHBA-2017:1127	A	9e8704e70637
4-11.15	16 days ago	RHBA-2017:0975	C	79b2e9f6829e0
4-11.14	2 months ago	RHBA-2017:0404	C	bf9f9320b3d2
4-11.13	3 months ago	RHBA-2017:0174	C	6a532adb1abf

1

Get the image ID using CLI or registry UI

2

Use the container catalog search to find the image

3

Select the right image version and explore details

## Red Hat Registry Stats

- 227 repositories
- 2,169 images
- 542,525 RPMs



images are static  
content bundles

but

security issues  
emerge frequently

## Red Hat Security Statistics 2016

- 3134 advisories
- 5075 unique CVEs
- 2016: 97 crit RHSA



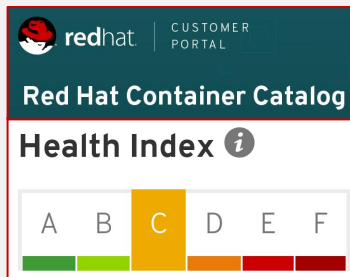
health index indicators

age of the image

unapplied updates

Developed as a **cross-team effort**  
leveraging Red Hat's Security expertise

**Single item** status (grade A-F) as an  
aggregated indicator of container health



Leveraging **Red Hat security data**  
(advisories) for RPMs and images

**Actionable** scan results (RPM, Image)



# Red Hat Container Catalog

bf9f9320b3d2

SEARCH

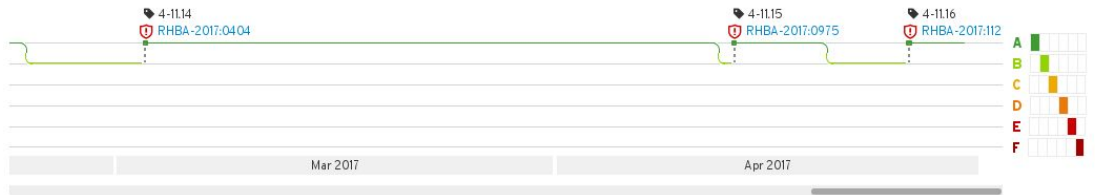
Explore Get Started FAQ

## Platform for building and running Node.js 4 applications

by Red Hat, Inc. | in Product Red Hat Enterprise Linux

registry.access.redhat.com/rhscsl/nodejs-4-rhel7 Updated 4 days ago 4-11.16 :Health Index A

- Overview
- Get this image
- Tech Details
- Documentation
- Tags**



Container Health Index history

list of all image versions inside this repository

Tag Name	Date Pushed	Image Advisory	Health Index	Docker Image ID
4-11.16 4 latest	4 days ago	<a href="#">RHBA-2017:1127</a>	A	9e8704e70637
4-11.15	16 days ago	<a href="#">RHBA-2017:0975</a>	C	79b2e96829e0
4-11.14	2 months ago	<a href="#">RHBA-2017:0404</a>	C	bf9f9320b3d2
4-11.13	3 months ago	<a href="#">RHBA-2017:0174</a>	C	6a532adb1abf

key version attributes







Carl  
Security

*What is the associated risk with the content inside the image?*

warning if  
non-current  
image version

Security Package List Dockerfile

**Updated image available.** Red Hat strongly recommends updating to the newest image version [4-11.16](#) unless otherwise defined by the [support policy](#) of Platform for building and running Node.js 4 applications.

**Health Index** ⓘ

A B **C** D E F

This image is affected by Critical (no older than 30 days) or Important (no older than 90 days) security updates.

**6 security vulnerabilities affecting 7 packages**

Critical	1	█
Important	1	█
Moderate	4	████
Low	0	

**Unprivileged Image**  
This image does not require elevated capabilities.

Container Health  
Index based on  
applicable security  
updates and its age

vulnerabilities by  
advisory severity

privilege  
requirements



Carl

Security

How can I get rid of those vulnerabilities ?

Affected Packages

7 of 528 packages have security-related updates

Search affected packages

Impact	CVE ID	Affected Package	RPM Advisory	Fixed in Image
Critical	CVE-2017-5461	nss-util-3.21.3-1.el7_3.x86_64	RHSA-2017:1100	4-11.16
Critical	CVE-2017-5461	nss-sysinit-3.21.3-2.el7_3.x86_64 nss-tools-3.21.3-2.el7_3.x86_64 nss-3.21.3-2.el7_3.x86_64	RHSA-2017:1100	4-11.16
Important	CVE-2017-2636	kernel-headers-3.10.0-514.10.2.el7.x86_64	RHSA-2017:0933	4-11.16

Red Hat advisory severity

CVE ID

content advisory which contains fix

newer image version which contains fix

# What's next?

Upcoming features of future Red Hat Container Catalog releases

- Ecosystem content incl. Red Hat Certified and OpenShift Primed
- Additional acquire paths, image usage documentation
- OpenShift on-premise / Online enhancements
- Subscribe to notifications for products, images and categories for new images, image versions, advisories, freshness grade changes
- Subscriptions / licenses, support policies, FOSS license compliance

Try it out: <https://access.redhat.com/containers>

You have feedback?  
An idea or feature request?

Let's meet at our **User Experience Design** booth.



**Partner Pavilion**  
Exhibit Hall A

RED HAT  
**SUMMIT**

# THANK YOU



[plus.google.com/+RedHat](https://plus.google.com/+RedHat)



[facebook.com/redhatinc](https://facebook.com/redhatinc)



[linkedin.com/company/red-hat](https://linkedin.com/company/red-hat)



[twitter.com/RedHatNews](https://twitter.com/RedHatNews)



[youtube.com/user/RedHatVideos](https://youtube.com/user/RedHatVideos)

# BACKUP SLIDES



**1** Explore &  
Search

**2** Evaluate &  
Select

**3** Consume &  
Distribute

**4** Use &  
Maintain

RHBA-2017:1094 |

SEARCH

Image Repositories - [See all 5 Image Repository results](#) ▶

Jenkins Slave Maven - openshift3/jenkins-slave-maven-rhel7


Jenkins Slave Base - openshift3/jenkins-slave-base-rhel7

Jenkins 2.19 - openshift3/jenkins-2-rhel7

Jenkins 1.651.2 - openshift3/jenkins-1-rhel7

# Jenkins Slave Maven

by [Red Hat, Inc.](#) | in Product [Red Hat OpenShift Container](#)

[registry.access.redhat.com/openshift3/jenkins-slave-maven-rhel7](https://registry.access.redhat.com/openshift3/jenkins-slave-maven-rhel7) Updated 4 days ago 3.3-15 : Freshness 

Search for image advisory ID shows affected images

Overview

Get this image

Tech Details

Documentation

Tags

## Description

A jenkins maven slave image.

**Application Categories** [Container Platform / Management](#) **Keywords** [ocp](#) [ose](#) [OpenShift Enterprise](#)

▼ Hide Repository Specifications

Registry	registry.access.redhat.com
Namespace/Repository	openshift3/jenkins-slave-maven-rhel7
Release Category	Generally Available
Repository Size	
Image Versions	5
Subscription Required	No

## Most recent tag

[View All Tags](#) ▶

Updated 4 days ago

3.3-15

**Freshness**



**Image Advisory**

[RHBA-2017:1094](#) [↗](#)

▶ Show Image Specifications

Image advisories shown for each image version

# RHEL Atomic Base Image

by Red Hat, Inc. | in Product Red Hat Enterprise Linux

registry.access.redhat.com/rhel7-atomic Updated 5 days ago 7.3-19 : Health Index

Overview

Get this image

Tech Details

Documentation

Tags



## Documentation

- ▶ [https://access.redhat.com/documentation/en-us/red\\_hat\\_enterprise\\_linux\\_atomic\\_host/7/html/getting\\_started\\_with\\_containers/using\\_red\\_hat\\_base\\_container\\_images\\_standard\\_and\\_minimal#using\\_rhel\\_atomic\\_base\\_images\\_minimal](https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux_atomic_host/7/html/getting_started_with_containers/using_red_hat_base_container_images_standard_and_minimal#using_rhel_atomic_base_images_minimal)
- ▶ [https://access.redhat.com/documentation/en-us/red\\_hat\\_enterprise\\_linux\\_atomic\\_host/7/html/release\\_notes/red\\_hat\\_enterprise\\_linux\\_atomic\\_host\\_7\\_3\\_3#new\\_features](https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux_atomic_host/7/html/release_notes/red_hat_enterprise_linux_atomic_host_7_3_3#new_features)



## Articles

- ▶ [Modifying the Red Hat Enterprise Linux OpenStack Platform Overcloud Image with virt-customize](#)



## Solutions

- ▶ [Deleting unused base images in Red Hat OpenStack Platform](#)
- ▶ [How to create a container base image in Red Hat Enterprise Linux 7 ?](#)
- ▶ [Is there a Red Hat Enterprise Linux 5 docker image ?](#)
- ▶ [RHEL v6.5 Guest image and CVE-2014-0160](#)



## Product Page

- ▶ [Red Hat Enterprise Linux](#)

Surrounding documentation supposed to provide additional guidance for consumption and usage



**Jane**

Developer

*Is the image I'm currently using still current?*

release category if not generally available

## Nginx 1.6 server and a reverse proxy server **Deprecated**

by Red Hat, Inc. | in Product Red Hat Enterprise Linux

`registry.access.redhat.com/rhsc1/nginx-16-rhel7` Updated 6 months ago 1.6-9.7

**⚠️ Deprecated** This repository has been replaced by [rhsc1/nginx-18-rhel7](#)

if a newer repository should be used instead

# The Solution - Trusted Enterprise Content

The screenshot displays the Red Hat Container Catalog interface. At the top, there are navigation links for 'SUBSCRIPTIONS', 'DOWNLOADS', and 'SUPPORT CASES'. Below this is the 'redhat CUSTOMER PORTAL' header with tabs for 'Products & Services', 'Tools', 'Security', and 'Community'. The main heading is 'Red Hat Container Catalog' with a search bar and a 'SEARCH' button. Below the header, there are links for 'Explore', 'Get Started', and 'FAQ'. The main content area is titled 'Enterprise-ready Containers' and includes the subtitle 'Your trusted source for secure, certified, and up-to-date container images'. There are two tabs: 'Recently Updated' (selected) and 'Recently Added'. Three container images are displayed in a grid:

- RHMAP 4.3 MongoDB 3.2**: Provides an OpenShift Container Platform MongoDB 3.2 container for RHMAP. Based on `mongo/mongodb-32-rhel7`. Note: This is a protected repo and you need entitlements to RHMAP SKU to access the images. Metrics: LAST UPDATE: a day ago, HEALTH INDEX: A, PULLS: 281. [View Repository](#)
- RHMAP 4.3 Millicore**: RHMAP Docker container that provides the RHMAP Millicore Server. Note: This is a protected repo and you need entitlements to RHMAP SKU to access the images. Metrics: LAST UPDATE: a day ago, HEALTH INDEX: A, PULLS: 186. [View Repository](#)
- RHMAP 4.3 MySQL 5.5**: Provides an extension to the RHEL MySQL Docker image for RHMAP. Note: This is a protected repo and you need entitlements to RHMAP SKU to access the images. Metrics: LAST UPDATE: a day ago, HEALTH INDEX: A, PULLS: 175. [View Repository](#)

At the bottom of the grid is a red button labeled 'EXPLORE THE CATALOG'.

- ❖ Trusted Container Images
- ❖ Container Health Index
- ❖ User Experience First
- ❖ Same Red Hat Quality
- ❖ Vast Security Experience

The logo consists of a red speech bubble shape pointing downwards, containing the text "RED HAT" in a smaller font above "SUMMIT" in a larger, bold font.

RED HAT  
**SUMMIT**

LEARN. NETWORK.  
EXPERIENCE  
OPEN SOURCE.