



Bug 2274767 (CVE-2024-3727) - CVE-2024-3727 containers/image: digest type does not guarantee valid type

Keywords: Security

Reported: 2024-04-12 18:25 UTC by Pedro Sampaio

Status: NEW

Modified: 2026-02-24 14:25 UTC ([History](#))

Alias: CVE-2024-3727

CC List: 94 users ([show](#))

Product: Security Response

Fixed In Version:

Component: vulnerability

Clone Of:

Version: unspecified

Environment:

Hardware: All

Last Closed:

OS: Linux

Embargoed:

Priority: medium

Severity: medium

Target Milestone: ---

Assignee: Product Security

QA Contact:

Docs Contact:

URL:

Whiteboard:

- Depends On:**
- [2284367](#)
 - [2283674](#)
 - [2284366](#)
 - [2284368](#)
 - [2284369](#)
 - [2284370](#)
 - [2284371](#)
 - [2284372](#)
 - [2284373](#)
 - [2284374](#)
 - [2284375](#)
 - [2284376](#)
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 - [2284379](#)
 - [2284380](#)
 - [2284381](#)
 - [2284382](#)
 - [2284383](#)
 - [2284384](#)
 - [2284385](#)
 - [2284386](#)
 - [2295790](#)

Blocks: 2278911

TreeView+ [depends on](#) / [blocked](#)

Attachments	(Terms of Use)
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Links

System	ID	Private	Priority	Status	Summary	Last Updated
Red Hat Product Errata	RHBA-2024:5335	0	None	None	None	2024-08-13 17:32:53 UTC
Red Hat	RHSA-2024:0045	0	None	None	None	2024-06-27

Product Errata						13:00:54 UTC
Red Hat Product Errata	RHSA-2024:3718	0	None	None	None	2024-10-01 17:30:39 UTC
Red Hat Product Errata	RHSA-2024:4159	0	None	None	None	2024-07-03 11:42:30 UTC
Red Hat Product Errata	RHSA-2024:4613	0	None	None	None	2024-07-24 18:53:21 UTC
Red Hat Product Errata	RHSA-2024:4850	0	None	None	None	2024-07-31 00:29:38 UTC
Red Hat Product Errata	RHSA-2024:4960	0	None	None	None	2024-08-07 10:52:18 UTC
Red Hat Product Errata	RHSA-2024:5258	0	None	None	None	2024-08-13 00:38:31 UTC
Red Hat Product Errata	RHSA-2024:5951	0	None	None	None	2024-08-28 16:28:58 UTC
Red Hat Product Errata	RHSA-2024:6054	0	None	None	None	2024-08-29 18:30:58 UTC
Red Hat Product Errata	RHSA-2024:6122	0	None	None	None	2025-02-25 04:38:24 UTC
Red Hat Product Errata	RHSA-2024:6708	0	None	None	None	2024-09-16 18:27:06 UTC
Red Hat Product Errata	RHSA-2024:6824	0	None	None	None	2024-09-24 15:28:07 UTC
Red Hat Product Errata	RHSA-2024:7164	0	None	None	None	2024-09-26 03:47:45 UTC
Red Hat Product Errata	RHSA-2024:7174	0	None	None	None	2024-10-02 05:28:28 UTC

Red Hat Product Errata	RHSA-2024:7182	0	None	None	None	2024-10-02 06:04:16 UTC
Red Hat Product Errata	RHSA-2024:7187	0	None	None	None	2024-10-03 11:20:36 UTC
Red Hat Product Errata	RHSA-2024:7922	0	None	None	None	2024-10-16 02:40:35 UTC
Red Hat Product Errata	RHSA-2024:7941	0	None	None	None	2024-10-16 20:25:18 UTC
Red Hat Product Errata	RHSA-2024:8260	0	None	None	None	2024-10-24 10:45:01 UTC
Red Hat Product Errata	RHSA-2024:8425	0	None	None	None	2024-10-31 03:37:39 UTC
Red Hat Product Errata	RHSA-2024:9097	0	None	None	None	2024-11-12 08:45:22 UTC
Red Hat Product Errata	RHSA-2024:9098	0	None	None	None	2024-11-12 11:10:54 UTC
Red Hat Product Errata	RHSA-2024:9102	0	None	None	None	2024-11-12 08:46:20 UTC
Red Hat Product Errata	RHSA-2024:9960	0	None	None	None	2024-11-19 01:54:44 UTC

Pedro Sampaio 2024-04-12 18:25:41 UTC

[Description](#)

The digest values, handled by the Go library `github.com/opencontainers/go-digest` and used throughout the Go-implemented containers ecosystem, are not always validated. That allows attackers to trigger unexpected authenticated registry accesses on behalf of a victim user, resource exhaustion, local path traversal and other attacks.

References:

<https://issues.redhat.com/browse/OCPBUGS-25269>

Vipul Nair 2024-06-03 07:03:14 UTC

[Comment 8](#)

Created apptainer tracking bugs for this issue:

Affects: epel-all [[bug-2284366](#)]
Affects: fedora-all [[bug-2284369](#)]

Created buildah tracking bugs for this issue:

Affects: fedora-all [[bug-2284370](#)]

Created common tracking bugs for this issue:

Affects: fedora-all [[bug-2284371](#)]

Created containers-common tracking bugs for this issue:

Affects: fedora-all [[bug-2284386](#)]

Created cri-o tracking bugs for this issue:

Affects: fedora-all [[bug-2284372](#)]

Created cri-o:1.21/cri-o tracking bugs for this issue:

Affects: epel-all [[bug 2284367](#)]

Created cri-o:1.22/cri-o tracking bugs for this issue:

Affects: fedora-all [[bug-2284373](#)]

Created cri-o:1.23/cri-o tracking bugs for this issue:

Affects: fedora-all [[bug-2284374](#)]

Created cri-o:1.24/cri-o tracking bugs for this issue:

Affects: fedora-all [[bug-2284375](#)]

Created cri-o:1.25/cri-o tracking bugs for this issue:

Affects: fedora-all [[bug-2284376](#)]

Created cri-o:1.26/cri-o tracking bugs for this issue:

Affects: fedora-all [[bug-2284377](#)]

Created cri-o:1.27/cri-o tracking bugs for this issue:

Affects: fedora-all [[bug-2284378](#)]

Created osbuild-composer tracking bugs for this issue:

Affects: fedora-all [[bug-2284379](#)]

Created podman tracking bugs for this issue:

Affects: fedora-all [[bug-2284380](#)]

Created podman-tui tracking bugs for this issue:

Affects: fedora-all [[bug-2284381](#)]

Created prometheus-podman-exporter tracking bugs for this issue:

Affects: fedora-all [[bug-2284382](#)]

Created singularity-ce tracking bugs for this issue:

Affects: epel-all [[bug-2284368](#)]

Affects: fedora-all [[bug-2284383](#)]

Created skopeo tracking bugs for this issue:

Affects: fedora-all [[bug-2284384](#)]

Created source-to-image tracking bugs for this issue:

Affects: fedora-all [[bug-2284385](#)]

errata-xmlrpc 2024-06-27 13:00:49 UTC

[Comment 10](#)

This issue has been addressed in the following products:

Red Hat OpenShift Container Platform 4.16

Via RHSA-2024:0045 <https://access.redhat.com/errata/RHSA-2024:0045>

errata-xmlrpc 2024-07-03 11:42:25 UTC

[Comment 11](#)

This issue has been addressed in the following products:

Red Hat OpenShift Container Platform 4.16

Via RHSA-2024:4159 <https://access.redhat.com/errata/RHSA-2024:4159>

errata-xmlrpc 2024-07-24 18:53:16 UTC

[Comment 20](#)

This issue has been addressed in the following products:

Red Hat OpenShift Container Platform 4.16

Via RHSA-2024:4613 <https://access.redhat.com/errata/RHSA-2024:4613>

errata-xmlrpc 2024-07-31 00:29:34 UTC

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This issue has been addressed in the following products:

Red Hat OpenShift Container Platform 4.15

Via RHSA-2024:4850 <https://access.redhat.com/errata/RHSA-2024:4850>

errata-xmlrpc 2024-08-07 10:52:14 UTC

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This issue has been addressed in the following products:

Red Hat OpenShift Container Platform 4.14

Via RHSA-2024:4960 <https://access.redhat.com/errata/RHSA-2024:4960>

errata-xmlrpc 2024-08-13 00:38:27 UTC

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This issue has been addressed in the following products:

Red Hat Enterprise Linux 8

Via RHSA-2024:5258 <https://access.redhat.com/errata/RHSA-2024:5258>

errata-xmlrpc 2024-08-28 16:28:54 UTC

[Comment 24](#)

This issue has been addressed in the following products:

RHEL-9-CNV-4.15

Via RHSA-2024:5951 <https://access.redhat.com/errata/RHSA->

[2024:5951](#)

errata-xmlrpc 2024-08-29 18:30:55 UTC

[Comment 25](#)

This issue has been addressed in the following products:

Red Hat Advanced Cluster Security 4.4

Via RHSA-2024:6054 <https://access.redhat.com/errata/RHSA-2024:6054>

errata-xmlrpc 2024-09-16 18:27:01 UTC

[Comment 26](#)

This issue has been addressed in the following products:

Red Hat Advanced Cluster Security 4.5

Via RHSA-2024:6708 <https://access.redhat.com/errata/RHSA-2024:6708>

errata-xmlrpc 2024-09-24 15:28:04 UTC

[Comment 27](#)

This issue has been addressed in the following products:

Red Hat OpenShift Container Platform 4.16

Via RHSA-2024:6824 <https://access.redhat.com/errata/RHSA-2024:6824>

errata-xmlrpc 2024-09-26 03:47:41 UTC

[Comment 28](#)

This issue has been addressed in the following products:

Red Hat Migration Toolkit for Containers 1.8

Via RHSA-2024:7164 <https://access.redhat.com/errata/RHSA-2024:7164>

errata-xmlrpc 2024-10-01 17:30:34 UTC

[Comment 29](#)

This issue has been addressed in the following products:

Red Hat OpenShift Container Platform 4.17

Via RHSA-2024:3718 <https://access.redhat.com/errata/RHSA-2024:3718>

errata-xmlrpc 2024-10-02 05:28:24 UTC

[Comment 30](#)

This issue has been addressed in the following products:

Red Hat OpenShift Container Platform 4.16

Via RHSA-2024:7174 <https://access.redhat.com/errata/RHSA-2024:7174>

errata-xmlrpc 2024-10-02 06:04:11 UTC

[Comment 31](#)

This issue has been addressed in the following products:

Red Hat OpenShift Container Platform 4.15

Via RHSA-2024:7182 <https://access.redhat.com/errata/RHSA-2024:7182>

errata-xmlrpc 2024-10-03 11:20:32 UTC

[Comment 32](#)

This issue has been addressed in the following products:

Red Hat OpenShift Container Platform 4.14

Via RHSA-2024:7187 <https://access.redhat.com/errata/RHSA-2024:7187>

errata-xmlrpc 2024-10-16 02:40:30 UTC

[Comment 34](#)

This issue has been addressed in the following products:

Red Hat OpenShift Container Platform 4.17

Via RHSA-2024:7922 <https://access.redhat.com/errata/RHSA-2024:7922>

errata-xmlrpc 2024-10-16 20:25:14 UTC

[Comment 35](#)

This issue has been addressed in the following products:

Red Hat OpenShift Container Platform 4.13
Ironic content for Red Hat OpenShift Container Platform 4.13

Via RHTSA-2024:7941 <https://access.redhat.com/errata/RHTSA-2024:7941>

Comment hidden (spam)

[Comment 36](#)

errata-xmllrpc 2024-10-24 10:44:57 UTC

[Comment 37](#)

This issue has been addressed in the following products:

Red Hat OpenShift Container Platform 4.16

Via RHTSA-2024:8260 <https://access.redhat.com/errata/RHTSA-2024:8260>

errata-xmllrpc 2024-10-31 03:37:35 UTC

[Comment 38](#)

This issue has been addressed in the following products:

Red Hat OpenShift Container Platform 4.15

Via RHTSA-2024:8425 <https://access.redhat.com/errata/RHTSA-2024:8425>

errata-xmllrpc 2024-11-12 08:45:18 UTC

[Comment 39](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9

Via RHTSA-2024:9097 <https://access.redhat.com/errata/RHTSA-2024:9097>

errata-xmllrpc 2024-11-12 08:46:15 UTC

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This issue has been addressed in the following products:

Red Hat Enterprise Linux 9

Via RHTSA-2024:9102 <https://access.redhat.com/errata/RHTSA-2024:9102>

[2024:9102](#)

errata-xmlrpc 2024-11-12 11:10:49 UTC

[Comment 41](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9

Via RHSA-2024:9098 <https://access.redhat.com/errata/RHSA-2024:9098>

errata-xmlrpc 2024-11-19 01:54:39 UTC

[Comment 42](#)

This issue has been addressed in the following products:

OADP-1.3-RHEL-9

Via RHSA-2024:9960 <https://access.redhat.com/errata/RHSA-2024:9960>

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errata-xmlrpc 2025-02-25 04:38:18 UTC

[Comment 47](#)

This issue has been addressed in the following products:

Red Hat OpenShift Container Platform 4.18

Via RHSA-2024:6122 <https://access.redhat.com/errata/RHSA-2024:6122>

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