



## RHSA-2025:4511 - Security Advisory

Issued: 2025-05-06

Updated: 2025-05-06

[Overview](#)[Updated Images](#)

### Synopsis

Important: RHODF-4.18-RHEL-9 security update

### Type/Severity

Security Advisory: Important

### Topic

Updated images are now available for RHODF-4.18-RHEL-9.

Red Hat Product Security has rated this update as having a security impact of Important. A Common Vulnerability Scoring System (CVSS) base score, which gives a detailed severity rating, is available for each vulnerability from the CVE link(s) in the References section.

### Description

OpenShift Data Foundation is software-defined storage integrated with and optimized for the Red Hat OpenShift Data Foundation. Red Hat OpenShift Data Foundation is a highly scalable, production-grade persistent storage for stateful applications running in the Red Hat OpenShift Container Platform. In addition to persistent storage, Red Hat OpenShift Data Foundation provisions a multi-cloud data management service with an S3 compatible API.

Security Fix(es):

- express: cause malformed URLs to be evaluated (CVE-2024-29041)

- `npm-serialize-javascript`: Cross-site Scripting (XSS) in `serialize-javascript` (CVE-2024-11831)
- `http-proxy-middleware`: Denial of Service (CVE-2024-21536)
- `go-jose`: Go JOSE's Parsing Vulnerable to Denial of Service (CVE-2025-27144)
- `golang.org/x/oauth2/jws`: Unexpected memory consumption during token parsing in `golang.org/x/oauth2/jws` (CVE-2025-22868)
- `golang.org/x/crypto/ssh`: Denial of Service in the Key Exchange of `golang.org/x/crypto/ssh` (CVE-2025-22869)
- `golang-jwt/jwt`: `jwt-go` allows excessive memory allocation during header parsing (CVE-2025-30204)

For more details about the security issue(s), including the impact, a CVSS score, acknowledgments, and other related information, refer to the CVE page(s) listed in the References section.

## Solution









For details on how to apply this update, which includes the changes described in this advisory, refer to:

<https://access.redhat.com/articles/11258> 

## Affected Products

- Red Hat OpenShift Data Foundation 4 for RHEL 9 x86\_64
- Red Hat OpenShift Data Foundation for IBM Power, little endian 4 for RHEL 9 ppc64le
- Red Hat OpenShift Data Foundation for IBM Z and LinuxONE 4 for RHEL 9 s390x
- Red Hat OpenShift Data Foundation for RHEL 9 ARM 4 aarch64

## Fixes

- [BZ - 2290901](#)  - CVE-2024-29041 `express`: cause malformed URLs to be evaluated
- [BZ - 2312579](#)  - CVE-2024-11831 `npm-serialize-javascript`: Cross-site Scripting (XSS) in `serialize-javascript`
- [BZ - 2319884](#)  - CVE-2024-21536 `http-proxy-middleware`: Denial of Service
- [BZ - 2347423](#)  - CVE-2025-27144 `go-jose`: Go JOSE's Parsing Vulnerable to Denial of Service
- [BZ - 2348366](#)  - CVE-2025-22868 `golang.org/x/oauth2/jws`: Unexpected memory consumption during token parsing in `golang.org/x/oauth2/jws`
- [BZ - 2348367](#)  - CVE-2025-22869 `golang.org/x/crypto/ssh`: Denial of Service in the Key Exchange of `golang.org/x/crypto/ssh`
- [BZ - 2354195](#)  - CVE-2025-30204 `golang-jwt/jwt`: `jwt-go` allows excessive memory allocation during header parsing
- [DFBUGS-1798](#)  - [4.18 clone][2319814] [RDR] Volsync Job Name exceeds 63 characters when application PVC exceeds 42 characters

- [DFBUGS-269](#) - [2312445] [ODF on ROSA HCP] must-gather fail to collect noobaa\_diagnostics.tar.gz

## CVEs

- [CVE-2024-8176](#)
- [CVE-2024-11831](#)
- [CVE-2024-21536](#)
- [CVE-2024-29041](#)
- [CVE-2025-0395](#)
- [CVE-2025-22868](#)
- [CVE-2025-22869](#)
- [CVE-2025-27144](#)
- [CVE-2025-27363](#)
- [CVE-2025-27516](#)
- [CVE-2025-30204](#)

## References

- <https://access.redhat.com/security/updates/classification/#important>

---

The Red Hat security contact is [secalert@redhat.com](mailto:secalert@redhat.com). More contact details at <https://access.redhat.com/security/team/contact/>.



---

Quick Links ▼

---

Help ▼

---

Site Info ▼

---

Related Sites ▼

---

 Partial system outage



[About Red Hat](#)

[Jobs](#)

[Events](#)

[Locations](#)

[Contact Red Hat](#)

[Red Hat Blog](#)

[Inclusion at Red Hat](#)

[Cool Stuff Store](#)

[Red Hat Summit](#)

---

© 2026 Red Hat

[Privacy statement](#)

[Terms of use](#)

[All policies and guidelines](#)

[Digital accessibility](#)

[Cookie Preferences and Opt-Out Rights](#)