DSA-2026-038: Security Update for Dell PowerScale OneFS Multiple Vulnerabilities

Summary: Dell PowerScale OneFS remediation is available for multiple security vulnerabilities that could be exploited by malicious users to compromise the affected system.

Impact

Medium

Details

Proprietary Code CVEs	Description	CVSS Base Score	CVSS Vector String
CVE-2026-21421	Dell PowerScale OneFS, versions prior to 9.10.1.6 and versions 9.11.0.0 through 9.12.0.1, contains an execution with unnecessary privileges vulnerability. A high privileged attacker with local access could potentially exploit this vulnerability, leading to elevation of privileges.	6.7	CVSS:3.1/AV:L/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H
CVE-2026-22270	Dell PowerScale OneFS, versions prior to 9.10.1.6 and versions 9.11.0.0 through 9.12.0.1, contains an uncontrolled search path element vulnerability. A high privileged attacker with local access could potentially exploit this vulnerability, leading to denial of service, elevation of privileges, and information disclosure.	6.7	CVSS:3.1/AV:L/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H
CVE-2026-21423	Dell PowerScale OneFS, versions prior to 9.10.1.6 and versions 9.11.0.0 through 9.12.0.1, contains an incorrect default permissions vulnerability. A high privileged attacker with local access could potentially exploit this vulnerability, leading to code execution, denial of service, elevation of privileges, and information disclosure.	6.7	CVSS:3.1/AV:L/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H
CVE-2026-21424	Dell PowerScale OneFS, versions prior to 9.10.1.6 and versions 9.11.0.0 through 9.12.0.1, contains an execution with unnecessary privileges vulnerability. A high privileged attacker with local access could potentially exploit this vulnerability, leading to Elevation of privileges.	6.7	CVSS:3.0/AV:L/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H
CVE-2026-21425	Dell PowerScale OneFS, versions prior to 9.10.1.6 and versions 9.11.0.0 through 9.12.0.1, contains an incorrect privilege assignment vulnerability. A low privileged attacker with local access could potentially exploit this vulnerability, leading to Elevation of privileges.	6.7	CVSS:3.1/AV:L/AC:H/PR:L/UI:R/S:U/C:H/I:H/A:H
CVE-2026-21426	Dell PowerScale OneFS, versions prior to 9.10.1.6 and versions 9.11.0.0 through 9.12.0.1, contains an execution with unnecessary privileges vulnerability. A high privileged attacker with local access could potentially exploit this vulnerability, leading to denial of service, elevation of privileges, and information disclosure.	6.7	CVSS:3.1/AV:L/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H
CVE-2026-21422	Dell PowerScale OneFS, versions 9.10.0.0 through 9.13.1.0, contains an external control of system or configuration setting vulnerability. A high privileged attacker with local access could potentially exploit this vulnerability, leading to protection mechanism bypass.	3.4	CVSS:3.1/AV:L/AC:L/PR:H/UI:N/S:U/C:N/I:L/A:L

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CVE-2026-21421	Dell PowerScale OneFS, versions prior to 9.10.1.6 and versions 9.11.0.0 through 9.12.0.1, contains an execution with unnecessary privileges vulnerability. A high privileged attacker with local access could potentially exploit this vulnerability, leading to elevation of privileges.	6.7	CVSS:3.1/AV:L/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H
CVE-2026-22270	Dell PowerScale OneFS, versions prior to 9.10.1.6 and versions 9.11.0.0 through 9.12.0.1, contains an uncontrolled search path element vulnerability. A high privileged attacker with local access could potentially exploit this vulnerability, leading to denial of service, elevation of privileges, and information disclosure.	6.7	CVSS:3.1/AV:L/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H
CVE-2026-21423	Dell PowerScale OneFS, versions prior to 9.10.1.6 and versions 9.11.0.0 through 9.12.0.1, contains an incorrect default permissions vulnerability. A high privileged attacker with local access could potentially exploit this vulnerability, leading to code execution, denial of service, elevation of privileges, and information disclosure.	6.7	CVSS:3.1/AV:L/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H
CVE-2026-21424	Dell PowerScale OneFS, versions prior to 9.10.1.6 and versions 9.11.0.0 through 9.12.0.1, contains an execution with unnecessary privileges vulnerability. A high privileged attacker with local access could potentially exploit this vulnerability, leading to Elevation of privileges.	6.7	CVSS:3.0/AV:L/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H
CVE-2026-21425	Dell PowerScale OneFS, versions prior to 9.10.1.6 and versions 9.11.0.0 through 9.12.0.1, contains an incorrect privilege assignment vulnerability. A low privileged attacker with local access could potentially exploit this vulnerability, leading to Elevation of privileges.	6.7	CVSS:3.1/AV:L/AC:H/PR:L/UI:R/S:U/C:H/I:H/A:H
CVE-2026-21426	Dell PowerScale OneFS, versions prior to 9.10.1.6 and versions 9.11.0.0 through 9.12.0.1, contains an execution with unnecessary privileges vulnerability. A high privileged attacker with local access could potentially exploit this vulnerability, leading to denial of service, elevation of privileges, and information disclosure.	6.7	CVSS:3.1/AV:L/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H
CVE-2026-21422	Dell PowerScale OneFS, versions 9.10.0.0 through 9.13.1.0, contains an external control of system or configuration setting vulnerability. A high privileged attacker with local access could potentially exploit this vulnerability, leading to protection mechanism bypass.	3.4	CVSS:3.1/AV:L/AC:L/PR:H/UI:N/S:U/C:N/I:L/A:L

⚠ Dell Technologies recommends all customers consider both the CVSS base score and any relevant temporal and environmental scores that may impact the potential severity associated with a particular security vulnerability.

Affected Products & Remediation

CVEs Addressed	Product	Affected Versions	Remediated Versions	Link
CVE-2026-21421, CVE-2026-22270, CVE-2026-21423, CVE-2026-21424, CVE-2026-21425, CVE-2026-21426	PowerScale OneFS	Versions prior to 9.10.1.6	Version 9.10.1.6 or later	PowerScale OneFS Downloads Area
CVE-2026-21421, CVE-2026-22270, CVE-2026-21423, CVE-2026-21424, CVE-2026-21425, CVE-2026-21426, CVE-2026-21422	PowerScale OneFS	Versions 9.11.0.0 through 9.12.0.1	Version 9.13.0.0 or later	PowerScale OneFS Downloads Area
CVE-2026-21422	PowerScale OneFS	Version 9.10.0.0 through 9.13.1.0	Version 9.14.0.0 or later	PowerScale OneFS Downloads Area

CVEs Addressed	Product	Affected Versions	Remediated Versions	Link
CVE-2026-21421, CVE-2026-22270, CVE-2026-21423, CVE-2026-21424, CVE-2026-21425, CVE-2026-21426	PowerScale OneFS	Versions prior to 9.10.1.6	Version 9.10.1.6 or later	PowerScale OneFS Downloads Area
CVE-2026-21421, CVE-2026-22270, CVE-2026-21423, CVE-2026-21424, CVE-2026-21425, CVE-2026-21426, CVE-2026-21422	PowerScale OneFS	Versions 9.11.0.0 through 9.12.0.1	Version 9.13.0.0 or later	PowerScale OneFS Downloads Area
CVE-2026-21422	PowerScale OneFS	Version 9.10.0.0 through 9.13.1.0	Version 9.14.0.0 or later	PowerScale OneFS Downloads Area

Notes

1. We encourage all customers to adopt the Long-Term Support (LTS) 2025 version which is 9.10.1.x code line, with the latest maintenance release.
2. For more information on LTS code lines, see Dell Infrastructure Solutions Group (ISG) LTS Release Support Customer Summary and Security Update Release Schedule for Supported Versions of Dell PowerScale OneFS.

Workarounds & Mitigations

CVE ID	Workaround and Mitigations

CVE-2026-21422	**Issue:**
	
	During the first time installation of Dell PowerScale OneFS versions 9.10.0.0 through 9.13.1.0, the initial run of the Security Checker will reset the SSH configuration to default settings.
	
	Note: Systems that reach these versions through an upgrade path retain their existing (custom) SSH configuration and are therefore not affected.
	
	Remediation:
	
	Customers who intend to modify the default SSH settings must allow Security Checker to complete its first run before applying any custom SSH settings. To do this, run the following commands:
	
	1. Start the Security Checker:
	
	`isi security check start`
	
	2. Verify completion:
	
	`isi security check status`
	
	3. Once the Security Checker has successfully completed, SSH configuration changes can be applied safely without being overwritten.

Revision History

Revision	Date	Description
1.0	2026-02-25	Initial Release
2.0	2026-04-29	Major update: Revised affected version range and mitigation guidance for CVE-2026-21422

Related Information

Dell Security Advisories and Notices
Dell Vulnerability Response Policy
CVSS Scoring Guide

Legal Disclaimer

Affected Products

PowerScale OneFS

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