

USN-4741-1: vulnerabilities

Jackson

It was discovered that Jackson Databind incorrectly handled deserialization. An attacker could possibly use this issue to execute arbitrary code.

USN-4740-1: Apache Shiro vulnerabilities

It was discovered that Apache Shiro mishandled specially crafted requests. An attacker could use this vulnerability to bypass authentication mechanisms.

USN-4739-1: vulnerability

WebKitGTK

A large number of security issues were discovered in the WebKitGTK Web and JavaScript engines. If a user were tricked into viewing a malicious website, a remote attacker could exploit a variety of issues related to web browser security, including cross-site scripting attacks, denial of service attacks, and arbitrary code execution.

USN-4738-1: vulnerabilities

OpenSSL

Paul Kehrer discovered that OpenSSL incorrectly handled certain input lengths in EVP functions. A remote attacker could possibly use this issue to cause OpenSSL to crash, resulting in a denial of service. (CVE-2021-23840)

Tavis Ormandy discovered that OpenSSL incorrectly handled parsing issuer fields. A remote attacker could possibly use this issue to cause OpenSSL to crash, resulting in a denial of service. (CVE-2021-23841)

USN-4737-1: vulnerability

Bind

It was discovered that Bind incorrectly handled GSSAPI security policy negotiation. A remote attacker could use this issue to cause Bind to crash, resulting in a denial of service, or possibly execute arbitrary code. In the default installation, attackers would be isolated by the Bind AppArmor profile.