

USN-4903-1: vulnerability

curl

Viktor Szakats discovered that curl did not strip off user credentials from referrer header fields. A remote attacker could possibly use this issue to obtain sensitive information.

USN-4561-2: vulnerabilities

Rack

USN-4561-1 fixed vulnerabilities in Rack. This update provides the corresponding update for Ubuntu 16.04 LTS, Ubuntu 20.04 LTS and Ubuntu 20.10.

Original advisory details:

It was discovered that Rack incorrectly handled certain paths. An attacker could possibly use this issue to obtain sensitive information. This issue only affected Ubuntu 16.04 LTS, Ubuntu 18.04 LTS and Ubuntu 20.04 LTS.
(CVE-2020-8161)

It was discovered that Rack incorrectly validated cookies. An attacker could possibly use this issue to forge a secure cookie.
(CVE-2020-8184)

USN-4902-1: vulnerability

Django

Dennis Brinkrolf discovered that Django incorrectly handled certain filenames. A remote attacker could possibly use this issue to create or overwrite files in unexpected directories.

USN-4901-1: Linux kernel (Trusty HWE) vulnerabilities

Adam Nichols discovered that heap overflows existed in the iSCSI subsystem in the Linux kernel. A local attacker could use this to cause a denial of service (system crash) or possibly execute arbitrary code. (CVE-2021-27365)

It was discovered that the LIO SCSI target implementation in the Linux kernel performed insufficient identifier checking in certain XCOPY requests. An attacker with access to at least one LUN in a multiple backstore environment could use this to expose sensitive information or modify data. (CVE-2020-28374)

Adam Nichols discovered that the iSCSI subsystem in the Linux kernel did

not properly restrict access to iSCSI transport handles. A local attacker could use this to cause a denial of service or expose sensitive information (kernel pointer addresses). (CVE-2021-27363)

Adam Nichols discovered that an out-of-bounds read existed in the iSCSI subsystem in the Linux kernel. A local attacker could use this to cause a denial of service (system crash) or expose sensitive information (kernel memory). (CVE-2021-27364)

USN-4899-1: SpamAssassin vulnerability

Damian Lukowski discovered that SpamAssassin incorrectly handled certain CF files. If a user or automated system were tricked into using a specially-crafted CF file, a remote attacker could possibly run arbitrary code.