

# USN-4882-1: vulnerabilities

## Ruby

It was discovered that the Ruby JSON gem incorrectly handled certain JSON files. If a user or automated system were tricked into parsing a specially crafted JSON file, a remote attacker could use this issue to execute arbitrary code. This issue only affected Ubuntu 16.04 LTS and Ubuntu 18.04 LTS. (CVE-2020-10663)

It was discovered that Ruby incorrectly handled certain socket memory operations. A remote attacker could possibly use this issue to obtain sensitive information. This issue only affected Ubuntu 18.04 LTS and Ubuntu 20.04 LTS. (CVE-2020-10933)

It was discovered that Ruby incorrectly handled certain transfer-encoding headers when using Webrick. A remote attacker could possibly use this issue to bypass a reverse proxy. (CVE-2020-25613)