



Pakistan Telecom Authority Headquarters, Islamabad

PTA Cyber Security Advisory No. 190

27-06-2023

Name: Multiple Vulnerabilities in VMware vCenter Server (CVE-2023-20892 to CVE-2023-20896)

Threat Classification: Vulnerability

Affected Software / Services: VMware vCenter Server 7.0 and 8.0, VMware Cloud Foundation.

Summary:

Multiple memory corruption vulnerabilities have been discovered in VMware vCenter Server, including heap-overflow, use-after-free, out-of-bounds write, and out-of-bounds read vulnerabilities. These vulnerabilities can be exploited remotely by attackers with network access, leading to arbitrary code execution, authentication bypass, memory corruption, and denial-of-service attacks.

Severity	Critical
Attack Vector	Network

Recommendations:

- Apply updates and patches provided by VMware, including:
 - a) VMware vCenter Server 8.0 Update 1b Release Notes
 - b) VMware vCenter Server 7.0 Update 3m Release Notes
- References: <https://www.vmware.com/security/advisories/VMSA-2023-0014.html>
- In case of any incident, please report to this office, through PTA CERT Portal and email.