مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Multiple Vulnerabilities in HPE Aruba Networking ClearPass Policy Manager

Tracking #:432316596
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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed multiple vulnerabilities in HPE Aruba Networking ClearPass Policy Manager that could potentially allow unauthorized remote access and execution of malicious code on affected systems.

TECHNICAL DETAILS:

Vulnerabilities Details:

1. **Authenticated Remote Code Execution (RCE)** via OGNL Injection (CVE-2024-51771)
    - **Severity**: High
    - **CVSS Score**: 7.2
    - Allows authenticated remote threat actors to run arbitrary commands on the underlying operating system
2. **Authenticated Deserialization Vulnerability** (CVE-2024-51772)
    - **Severity**: Medium
    - **CVSS Score**: 6.4
    - Enables remote authenticated users to execute arbitrary commands on the host
3. **Authenticated Stored Cross-Site Scripting (XSS)** (CVE-2024-51773)
    - **Severity**: Medium
    - **CVSS Score**: 4.8
    - Could allow attackers to perform actions within user permissions, potentially leading to data modification or theft
4. **Authenticated Remote Command Injection** (CVE-2024-53672)
    - **Severity**: Medium
    - **CVSS Score**: 4.7
    - Allows remote authenticated users to run arbitrary commands as a lower-privileged user

Affected Versions:

- HPE Aruba Networking ClearPass Policy Manager 6.12.x: versions 6.12.2 and below
- HPE Aruba Networking ClearPass Policy Manager 6.11.x: versions 6.11.9 and below

Fixed Versions:

- HPE Aruba Networking ClearPass Policy Manager 6.12.x: 6.12.3 and above
- HPE Aruba Networking ClearPass Policy Manager 6.11.x: 6.11.10 and above

Workaround:

HPE recommends restricting web-based management interfaces to:

- A dedicated layer 2 segment/VLAN
- Controlled firewall policies at layer 3 and above

RECOMMENDATIONS:

The UAE Cyber Security Council recommends applying the mitigation or workaround provided by HPE.

Kindly circulate this information to your subsidiaries and partners as well as share with us any relevant information and findings.

The UAE Cyber Security Council extends its appreciation for the continued collaboration.

REFERENCES:

- https://support.hpe.com/hpesc/public/docDisplay?docId=hpesbnw04761en_us&docLocale=en_US