Silver Peak Security Advisory

Notification

**Security Advisory 2020-04-24-01-002:** The certificate used to identify Orchestrator to EdgeConnect devices is not validated

**CVE ID:** CVE-2020-12143  
**Vulnerability Type:** CWE-295: Improper Certificate Validation

**Details**  
The certificate used to identify Orchestrator to EdgeConnect devices is not validated, which makes it possible for someone to establish a TLS connection from EdgeConnect to an untrusted Orchestrator.

**Resolution**  
- Changes have been made to strengthen the initial exchange between EdgeConnect appliances and the Orchestrator. After the changes, EdgeConnect will validate the certificate used to identify the Orchestrator to EdgeConnect.
- TLS itself is continually subject to newly discovered and exploitable vulnerabilities. As such, all versions of EdgeConnect software implement additional out-of-band and user-controlled authentication mechanisms.

**Recommended Actions for Silver Peak Customers**  
- Do not change Orchestrator’s IP address as discovered by EdgeConnect appliances.  
- Upgrade to Silver Peak Unity ECOS™ 8.3.0.4+ or 8.1.9.12+ and Silver Peak Unity Orchestrator™ 8.9.2+.
- In Orchestrator, enable the “Verify Orchestrator Certificate” option under Advanced Security Settings and ensure that Orchestrator is not using a self-signed certificate.

**Applicability to Silver Peak Products**

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<td>Unity EdgeConnect, NX, VX</td>
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<td>EdgeConnect in AWS, Azure, GCP</td>
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<tr>
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<td>Not Applicable</td>
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**Attestation**  
This vulnerability was reported to Silver Peak by Denis Kolegov, Mariya Nedyak, and Anton Nikolaev from the SD-WAN New Hop team.

**References**  
The full details of the CVE can be found [here](#).

Thank you,  
Product Security Incident Response Team at Silver Peak