

HERCULES SecDevice Release Note

Release Version: 2020r2.04
Release Date: 2020/08/26
System Version: v1.3.0.3786

- Features

- Provide new testcases:
 - SSLv2 Testing
 - SSLv3 Testing
 - TLSv1.0 Testing
 - TLSv1.1 Testing
- Provide fuzzing pattern grouping function in the following test cases:
 - CoAP Server Fuzz Testing
 - DHCPv4 Server Fuzz Testing
 - EDSA ARP Fuzz Testing
 - EDSA Ethernet Fuzz Testing
 - EDSA IPv4 TCP Fuzz Testing
 - EDSA IPv4 UDP Fuzz Testing
 - EDSA IPv4 ICMP Fuzz Testing
 - HTTP Fuzz Testing
 - IPv6 TCP Fuzz Testing
 - IPv6 UDP Fuzz Testing
 - SSH Fuzz Testing
 - SNMPv2 Fuzz Testing
 - SNMPv3 Fuzz Testing
 - Modbus TCP Fuzz Testing
 - Telnet Server Fuzz Testing

- Fixed Issues

- Optimize the testcase Known Vulnerability Testing to improve test efficiency.
- Optimize the performance and fault tolerance of WEB Page Account Testing.
- Enhance checking functions in the following test cases:
 - EDSA IPv4 TCP Fuzz Testing
 - EDSA IPv4 UDP Fuzz Testing

■ DHCPv4 Server Fuzz Testing

Release Version: 2020r2.03
Release Date: 2020/07/29
System Version: v1.3.0.3672

● Features

- The website test can use the target domain name or IP address.
 - It should not in the test if the specific function of the target is disabled.
Add the pre-check mechanism in the following test cases:
 - EDSA IPv4 Fragment Reassembly Flood
 - EDSA IPv4 Raw NPDU Flood
 - EDSA IPv4 Auto-Negotiating Raw NPDU Flood
 - EDSA ICMPv4 Flood
 - EDSA ICMPv4 Auto-Negotiating Flood
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Release Version: 2020r2.02
Release Date: 2020/07/01
System Version: v1.3.0.3575

● Security Issues

- Disable SSL and TLS 1.0 protocol on the Web server.
- Disable Weak Ciphers on the Web server.
- Known security issues fixed.

● Fixed Issues

- It cannot modify the PASS/FAIL result of the testcase, OnSec-TC-03014001 Known Vulnerability Testing.
 - Fix an issue that the General Setting page cannot reopen.
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Release Version: 2020r2.01
Release Date: 2020/06/03
System Version: v1.3.0.3540

● Features

- Optimize the user interface for select hosts of multiple targets

vulnerability assessments. Increase the maximum number of targets is limited to 64.

- Fixed Issues
 - Improve the performance of access to the fuzz packet information.
 - Fix several issues that had unexpected errors when stop auto crawling.

Release Version: 2020r1.03
Release Date: 2020/04/24
System Version: v1.3.0.3430

- Features
 - Provide new testcase, AI Traffic Capture Fuzz Testing
 - Integrate the fuzzing testcases into SecDevice
 - RADIUS Server Fuzz Testing
 - RADIUS Server Accounting Fuzz Testing
 - VLAN Fuzz Testing
 - BGP Fuzz Testing
 - IPMI Server Fuzz Testing
 - IKEv2 Server Fuzz Testing
 - FINS Server Fuzz Testing
 - NFSv4 Server Fuzz Testing
 - S7Comm Fuzz Testing
 - IPsec Fuzz Testing
 - BFD Server Fuzz Testing
 - Support 802.11 WLAN/WPA AP and WPA client fuzz testing
 - Enhance 802.11 WLAN Client fuzz testing
 - Provide new features in IP Camera related fuzzing testcases
 - related fuzzing testcases:
 - ◆ RTP Fuzz Testing
 - ◆ RTCP Fuzz Testing
 - ◆ RTSP Fuzz Testing
 - ◆ TLSv1.2 Fuzz Testing
 - ◆ 802.11 WLAN AP Fuzz Testing
 - ◆ 802.11 WPA AP Fuzz Testing
 - ◆ 802.11 WLAN Client Fuzz Testing
 - ◆ 802.11 WPA Client Fuzz Testing
 - features:

- packet analyzer function
 - ◆ fuzzing pattern grouping function
 - ◆ sufficient test information
 - ◆ user-defined test weight setting in the following fuzzing Information
 - ◆ sequential and random test modes
- Fixed Issues
 - Correct the judgment logic of testcase, OnSec-TC-02005001 Cookie Attribute
 - Correct the judgment logic when the device under test reboot

Release Version: 2020r1.02
Release Date: 2020/03/11
System Version: v1.3.0.2897

- Features
 - Support the scenario of multiple targets vulnerability assessments.
- Change logs
 - Modify the determining mechanism in testcase SSH Buffer Overflow Testing (OnSec-TC-03011004)
- Fixed Issues
 - Fix occasional incorrect testing duration information issue.
 - Fix an issue that could not be successfully updated when uploading a new version of SecDevice FW using the webpage.
 - Fix an issue where some files had unexpected errors when crawling.

Release Version: 2020r1.01
Release Date: 2020/02/04
System Version: v1.3.0.2834

- Features
 - IPv4 UDP Fuzz Testing packet analysis function is supported.
 - Provided Traffic collecting function in Wi-Fi module.
- Fixed issues
 - Fix IPv6 UDP Fuzz Testing issues.
 - Suppress the chance of traffic collecting issues.

