

# HERCULES SecDevice Release Note

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Release Version: 2025r3.01

Release Date: 2025/06/23

System version: v1.4.5229

- Features:
  - Temporary stop and resume the project
  - The status of the project would be "Stop/ERROR" after accidentally reboot
  - Reply attack in Authentication mechanisms functionality confirmation test case
  - The user can set a value to set the Fuzz's Timeout period
  - Modify the tomcat to increase the limitation(10G)
  - Upgrade the CVE information for known vulnerability testing
- Bug fixed:
  - Bug-fix for the sub-group description for the WPA3 test case

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Release Version: 2025r2.01

Release Date: 2025/04/23

System version: v1.4.5195

- Features:
  - Add test case Cryptograph mechanism (OnSec-TC-09011001) for SSH
  - Add test case Smash Fuzz Testing(OnSec-TC-07003001)
- Enhancement:
  - FW can be upgrade with the size smaller than 4G
  - Add the mechanical to check the Wi-Fi testing environment
  - Install the Wi-Fi dongle driver into SecDevice
- Bug fixed:
  - Refine the logic for the read/wirte data

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Release Version: 2025r1.01

Release Date: 2025/02/27

System version: v1.4.5115

- Features:
    - Add authentication mechanisms functionality confirmation for SSH (OnSec-TC-05011001)
  - Enhancement:
    - More CVEs support.
  - Bug fixed:
    - Fixed the ineffective test case (OnSec-TC-03011005 OpenSSH User Enumeration) caused by using the wrong version of the Paramiko library.
    - Fixed the issue where SecDevice did not wait long enough for the DUT to reboot.
    - Fixed the issue in the Wi-Fi WPS key crack test case, where the DUT was ignored if it did not send vendor information in the beacon packet.
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Release Version: 2024r4.01-Hoxfixed

Release Date: 2025/01/06

System version: v1.4.5108

- Optimization:
  - Refine the core of fuzzer module to prevent took too much time when error pattern locating after DUT crash.
- Bug fixed:
  - Fixed that didn't wait enough time after reboot DUT reboot when the power switch module connected.
  - Fixed the syntax error in OSPF and RIP fuzzer module.
  - Fixed the fuzzer module can't recognize correct network interface issue.

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Release Version: 2024r4.01

Release Date: 2024/11/27

System version: v1.4.5107

- Enhancement:
  - Enhanced Wi-Fi WPS Key crack testcase (OnSec-TC-04003001).
  - Unified the timeout value of fuzzing testcases to 180 seconds, to prevent false alert due to the unstable or build-in firewall of DUT.
    - ◆ OnSec-TC-01003012 IPv6 TCP Fuzz Testing
    - ◆ OnSec-TC-01003013 IPv6 UDP Fuzz Testing
    - ◆ OnSec-TC-01003014 IPv6 ICMP Fuzz Testing
    - ◆ OnSec-TC-01003015 IPv6 Fuzz Testing
    - ◆ OnSec-TC-01004001 EDSA IPv4 Fuzz Testing
    - ◆ OnSec-TC-01004002 EDSA IPv4 TCP Fuzz Testing
    - ◆ OnSec-TC-01004003 EDSA IPv4 UDP Fuzz Testing
    - ◆ OnSec-TC-01004004 EDSA IPv4 ICMP Fuzz Testing
    - ◆ OnSec-TC-01005001 IEC61850 MMS Fuzz Testing
    - ◆ OnSec-TC-01005002 IEC61850 GOOSE Fuzz Testing
    - ◆ OnSec-TC-01005003 IEC61850 SV Fuzz Testing
    - ◆ OnSec-TC-01005008 GOOSE Certification Testing
    - ◆ OnSec-TC-01008001 IGMPv3 Query Fuzz Testing
    - ◆ OnSec-TC-01008002 IGMPv3 Report Fuzz Testing
    - ◆ OnSec-TC-01008003 OSPFv2 Fuzz Testing
    - ◆ OnSec-TC-01008004 RIPv2 Fuzz Testing
    - ◆ OnSec-TC-01008005 LLDP Fuzz Testing
    - ◆ OnSec-TC-01009001 EDSA ARP Fuzz Testing
    - ◆ OnSec-TC-01010001 EDSA Ethernet Fuzz Testing
    - ◆ OnSec-TC-03002006 HTTP Fuzz Testing
    - ◆ OnSec-TC-03003006 TLSv1.2 Server Fuzz Testing
    - ◆ OnSec-TC-03003007 TLSv1.3 Server Fuzz Testing
    - ◆ OnSec-TC-03004002 UPnP Fuzz Testing
    - ◆ OnSec-TC-03005004 NETBIOS-SSN Fuzz Testing
    - ◆ OnSec-TC-03006004 NTP Server Fuzz Testing
    - ◆ OnSec-TC-03007002 RTSP Fuzz Testing
    - ◆ OnSec-TC-03007003 ONVIF Fuzz Testing
    - ◆ OnSec-TC-03008002 FTP Fuzz Testing

- ◆ OnSec-TC-03010009 DNS Server Fuzz Testing
  - ◆ OnSec-TC-03010010 DNS Server Zone Transfer Fuzz Testing
  - ◆ OnSec-TC-03011006 SSH Fuzz Testing
  - ◆ OnSec-TC-03013002 Telnet Server Fuzz Testing
  - ◆ OnSec-TC-03015001 RTCP Fuzz Testing
  - ◆ OnSec-TC-03016001 SNMPv3 Fuzz Testing
  - ◆ OnSec-TC-03016002 SNMPv1 Fuzz Testing
  - ◆ OnSec-TC-03016003 SNMPv2 Fuzz Testing
  - ◆ OnSec-TC-03016004 SNMPv1 Trap Fuzz Testing
  - ◆ OnSec-TC-03016005 PPTP Fuzz Testing
  - ◆ OnSec-TC-03017001 OPCUA Fuzz Testing
  - ◆ OnSec-TC-03018001 IEC104 Fuzz Testing
  - ◆ OnSec-TC-03019001 DNP3 TCP Fuzz Testing
  - ◆ OnSec-TC-03019002 DNP3 UDP Fuzz Testing
  - ◆ OnSec-TC-03020001 RTP Fuzz Testing
  - ◆ OnSec-TC-03021001 Modbus TCP Fuzz Testing
  - ◆ OnSec-TC-03022001 DHCPv4 Server Fuzz Testing
  - ◆ OnSec-TC-03022002 DHCPv6 Server TCP Fuzz Testing
  - ◆ OnSec-TC-03023001 EtherNet/IP Messaging Fuzz Testing
  - ◆ OnSec-TC-03024001 BACnet Fuzz Testing
  - ◆ OnSec-TC-03025002 Profinet Fuzz Testing
  - ◆ OnSec-TC-03027001 TFTP Server Fuzz Testing
  - ◆ OnSec-TC-03028001 LDAPv3 Server Fuzz Testing
  - ◆ OnSec-TC-03029001 CoAP Server Fuzz Testing
  - ◆ OnSec-TC-03030001 OCSP Server Fuzz Testing
  - ◆ OnSec-TC-03031001 SIP UAS Fuzz Testing
  - ◆ OnSec-TC-03032001 CWMP (TR69) ACS Fuzz Testing
  - ◆ OnSec-TC-03033001 BGP Server Fuzz Testing
  - ◆ OnSec-TC-03033002 BFD Server Fuzz Testing
  - ◆ OnSec-TC-03034001 RADIUS Server Fuzz Testing
  - ◆ OnSec-TC-03034002 RADIUS Server Accounting Fuzz Testing
  - ◆ OnSec-TC-03035001 IKEv2 Server Fuzz Testing
  - ◆ OnSec-TC-03036001 IPMI Server Fuzz Testing
  - ◆ OnSec-TC-03037001 FINS Server Fuzz Testing
  - ◆ OnSec-TC-03038001 NFSv4 Server Fuzz Testing
  - ◆ OnSec-TC-03039001 VLAN Server Fuzz Testing
  - ◆ OnSec-TC-03040001 S7comm Server Fuzz Testing
  - ◆ OnSec-TC-03041001 IPsec Fuzz Testing
  - ◆ OnSec-TC-03044001 DICOM Fuzz Testing
  - ◆ OnSec-TC-03044002 MQTT Fuzz Testing
  - ◆ OnSec-TC-03044003 CIP Fuzz Testing
  - ◆ OnSec-TC-03044004 HL7v2 Fuzz Testing
  - ◆ OnSec-TC-03044005 HL7v3 CDAR2 Fuzz Testing
  - ◆ OnSec-TC-03044006 HL7v3 FHIR Fuzz Testing
- Bug fixed:
    - Fixed the abnormal function of check button when create new web target in Website Configuration page.

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Release Version: 2024r3.01  
Release Date: 2024/09/27  
System version: v1.4.5074

- Features:
  - Update Machine-id to identify the version.
- Enhancement:
  - More CVEs supports.
  - Update CVE automation flow and structure for latest test items.
  - Update the result validation for EDSA test case.
  - Update the frontend DEKRA Logo.
- Bug fixed:
  - Fix Vlan test case Pre-check packet mechanism(OnSec-TC-03039001).

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Release Version: 2024r2.02  
Release Date: 2024/06/17  
System version: v1.4.5038

- Features:
  - Add Wi-Fi WPA3 client mode fuzz testing (OnSec-TC-04005005)
  - Add Wi-Fi WPA3 AP mode fuzz testing (OnSec-TC-04005006)
- Enhancement:
  - More CVEs supports.
  - Update when loop enable remain time change to loop time countdown.
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- Bug fixed:
  - Remove the problematic characters in HL7v3 FHIR fuzzing policy.
  - Remove the skip and loop frontend interfaces in the WF module.
  - Remove the skip and loop frontend interfaces in the WA module.

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Release Version: 2024r2.01  
Release Date: 2024/05/17  
System version: v1.4.5019

- Features:
  - Add a test case for HL7 CDAR2
  - Add a test case for HL7 FHIR
  - Add a test case for TLS1.3
  - Remove the AI Fuzz Testing test case
- Enhancement:
  - More CVEs supports.
  - Modify log message about skip and loop function
- Bug fixed:
  - Fix the nmap issue
  - Fix jlog bug and loop error
  - Remove unnecessary logs and Fix crash caused by excessive logging

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Release Version: 2024r1.01

Release Date: 2024/03/07

System version: v1.4.4900

- Features:
    - None
  - Enhancement:
    - More CVEs supports.
  - Bug fixed:
    - Fix add\_report bug.
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Release Version: 2023r2.01

Release Date: 2023/07/04

System version: v1.4.4882

- Features:
    - None
  - Enhancement:
    - More CVEs supports.
    - Enhance the testing with the Juniper Routers as DUTs of the TestCase: RIPv2 Fuzz Testing.
    - Loose the waiting time, when a WiFi client tries to connect to SecDevice.
  - Bug fixed:
    - Fix an eternity loop bug about the TestCase: Known Vulnerability Testing.
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Release Version: 2023r1.01

Release Date: 2023/03/24

System version: v1.4.4816

- Features:
    - None
  - Enhancement:
    - More CVEs supports.
    - Loose the check timing of the TestCase: RTSP Fuzz Testing.
    - Loose the check timing of the TestCase: OSPFv2 Fuzz Testing.
    - Loose the check timing of the TestCase: RIPv2 Fuzz Testing.
  - Bug fixed:
    - Fix a PowerSwitch control problem, while the SecDevice is doing a fuzzing backward test.
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Release Version: 2022r4.01

Release Date: 2022/12/20

System version: v1.4.4762

- Enhancement:
    - More CVEs supports.
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Release Version: 2022r3.01

Release Date: 2022/10/04

System version: v1.4.4762

- Enhancement:

- More CVEs supports.
  - Bug fixed:
    - SecDevice log Front-end layout adjustment
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Release Version: 2022r2.01

Release Date: 2022/06/30

System version: v1.4.4758

- Features:
    - Support HL7 Analysis.
    - Support GeoIP Testcase.
    - Support Profinet TestCase.
  - Enhancement:
    - More CVEs supports.
    - Loose the check timing of the TestCase: EDSA ARP Translation Cache Flood.
    - Enhance auto ip detection.
    - Enhance UDP Fuzzing mechanism.
  - Bug fixed:
    - Fix databaselock on boot.
    - Fix ja\_JP locale translation.
    - Fix firmware uploading failed issues.
    - Fix export issues.
    - Fix Web Assessment bug.
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Release Version: 2021r4.01

Release Date: 2021/11/18

System version: v1.4.4661

- Features:
    - Support source IP Geolocation Analysis.
    - Support ONVIF Protocol Fuzz Testing.
  - Enhancement:
    - Enhanced Command Injection judgment mechanism, add padding data for determine.
  - Bug fixed:
    - Fixed Known Vulnerability Testing always restart issue.
    - Fixed main website could not startup normally issue.
    - Fixed Network Configuration setting issue.
    - Fixed IPsec Fuzz Testing (Policy 04) occurred error issue.
    - Fixed DNS Server Fuzz Testing parsing packet detail error issue.
    - Fixed Fuzz Testing occurred wrong number of pattern issue.
    - Fixed UDP Fuzz Testing testcase occurred system crash.
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Release Version: 2021r3.01

Release Date: 2021/8/3

System version: v1.4.4352

- Features:
  - Support fuzzing new protocol- OSPFv2 (Routing protocol)
  - Mapping test case into OWASP IOT top 10

## Support

- I1: Weak, Guessable, or Hardcoded Passwords
- I2: Insecure Network Services
- I3: Insecure Ecosystem Interfaces
- I4: Use of Insecure or Outdated Components
- I7: Insecure Data Transfer and Storage

User can get OWASP IOT top 10 PDF report

- Enhancement:
  - Html report now will show every targets host information if every target's testcase are pass.
  - Html report now will show every targets host information even if some target's testcase are failed.
  - General PDF report will show every targets host information if every target's testcase are pass.
- Bug fixed:
  - Fixed manual crawling web can't work normally in some conditions
  - known vulnerability can't not run issue.

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Release Version: 2021r2.02  
Release Date: 2021/5/26  
System Version: v1.4.4300

- Features:
  - New version of PDF report(Support OWASP web top 10)
- Enhancements:
  - FW upload support larger than 2 GB of FW size(VM version)
  - SSL/TLS Weak Cipher Algorithm testcase substitute by SSL/TLS service category (25 testcases)
- Bug fixed:
  - Known vulnerability scan result parse error(VM version)
  - Fixed some security vulnerability

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Release Version: 2021r2.01  
Release Date: 2021/5/6  
System Version: v1.4.4267

- Enhancements:
  - Packet Information support for all protocol fuzzing testcase
  - known vulnerabilities scan engine upgrade, improve scan availability.
  - Following protocol fuzzing pattern up to 100000
    - MMS,GOOSE,SV,DNP3,Ethernet,IPv4,TCP, UDP,ICMP ,ARP
- Bug fixed:
  - OnSec-TC-04003001 WPS Crack Testing N/A (VM version)

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Release Version: 2021r1.02  
Release Date: 2021/3/22  
System Version: v1.4.4192

- Features:

- provide 1 ssl testcase
  - blowfish algorithm testing
- Enhancements:
  - modbus fuzzing testing
    - up to 500,000 fuzzing pattern
- Bug fixed:
  - portlist problem

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Release Version: 2021r1.01  
 Release Date: 2021/2/22  
 System Version: v1.4.4137

- Features
  - Support CIP protocol fuzz testing
  - Provide 2 of SSH Security test cases:
    - RC2, RC4 Algorithm Testing
    - Provide 12 of HTTPS Security test case.
    - RC2, RC4 Algorithm Testing
    - DES,3DES
    - Key Length of Asymmetric and Symmetric Algorithm Testing
    - DROWN
    - Lucky Thirteen Attack (LUCKY13)
    - ROBOT
    - SSL 64-bit Block Size Cipher Suites Supported (SWEET32)
    - IDEA, CBC Mode Algorithm Testing
- Enhancements
  - improve WiFi testing coverage
    - client fuzz new policy :
      - ◆ Deauthentication
      - ◆ Disassociation
    - wpa client fuzz new policy:
      - ◆ Deauthentication
    - ap fuzz new policy : a
      - ◆ Reassociation Request
    - wpa ap fuzz new policy :
      - ◆ Reassociation Request
      - ◆ User can setup specified vlan id for VLAN Fuzz testing
      - ◆ Packet Information support fuzz protocol
      - ◆ Ipv6\_tcp, ipv6\_udp, ipv6\_icmp, mms, goose, sv, dnp3\_tcp, dnp3\_udp, modbus\_tcp, edsa\_arp, edsa\_icmp

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Release Version: 2020r3.04  
 Release Date: 2020/12/23  
 System Version: v1.3.0.3998

- Features
  - Provide more coverage of HTTPS Security test case:
    - Check two weak cipher Twofish algorithm and HMAC algorithm
    - Browser Exploit Against SSL/TLS Attack (BEAST)



- Logjam
- Enhancements
  - Support all protocol fuzzing speed adjustment
  - More CVE supports

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Release Version: 2020r3.03  
Release Date: 2020/11/18  
System Version: v1.3.0.3958

- Features
  - Provide user-defined options to failure condition in the following test cases:
    - TCP-SYN Scan
    - UDP Port Scan
    - TCP-FIN Scan
  - Provide new test cases in the following test cases:
    - DICOM Fuzz Testing
    - MQTT Fuzz Testing
  - Auto Detect functional structure adjustment.

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Release Version: 2020r3.02  
Release Date: 2020/10/21  
System Version: v1.3.0.

- Features
  - Provide Grouping function to All Fuzzing test cases.
  - More coverage of HTTP Fuzzing test case.
  - Add Error locate function to all Fuzzing test cases.
  - Enhance TLSv1.2 Server Fuzz Testing to support stateful testing.
  - Enhance All Pages Cross Site Request Forgery (CSRF) test cases to support user define tokens.

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Release Version: 2020r3.01  
Release Date: 2020/09/23  
System Version: v1.3.0.3895

- Features
  - Provide new testcases and enhanced testcases:
    - Certificate Signing Algorithm
    - FREAK
    - POODLE
    - TLSv1/SSLv3 Renegotiation Vulnerability
    - Transport Layer Security (TLS) Protocol CRIME
  - Provide enhanced testcases:
    - Heartbleed
    - ChangeCipherSpec Injection
  - Provide fuzzing pattern grouping function in the following test cases:

- DHCPv4 Server Fuzz Testing
- DHCPv6 Server Fuzz Testing
- DNS Server Fuzz Testing
- DNS Server Zone Transfer Fuzz Testing
- NTP Server Fuzz Testing
- IPv6 Fuzz Testing
- IPv6 ICMP Fuzz Testing
- VLAN Fuzz Testing
- IGMPv3 Query Fuzz Testing
- IGMPv3 Report Fuzz Testing
- UPnP Fuzz Testing
- FTP Fuzz Testing
- TFTP Server Fuzz Testing
- SNMPv1 Fuzz Testing
- SNMPv1 Trap Fuzz Testing
- EDSA Ethernet Fuzz Testing
- EDSA IPv4 ICMP Fuzz Testing
- EDSA IPv4 UDP Fuzz Testing
- EDSA IPv4 TCP Fuzz Testing
- IPv6 UDP Fuzz Testing
- IPv6 TCP Fuzz Testing
- HTTP Fuzz Testing
- SSH Fuzz Testing
- EDSA ARP Fuzz Testing
- EDSA IPv4 Fuzz Testing
- SNMPv2 Fuzz Testing
- SNMPv3 Fuzz Testing
- Telnet Server Fuzz Testing
- CoAP Server Fuzz Testing
- IPsec Fuzz Testing
- IPMI Server Fuzz Testing
- IKEv2 Server Fuzz Testing
- FINS Server Fuzz Testing
- BGP Server Fuzz Testing
- BFD Server Fuzz Testing
- SIP UAS Fuzz Testing
- SV Fuzz Testing
- OPCUA Fuzz Testing
- OCSP Server Fuzz Testing
- LDAPv3 Server Fuzz Testing
- IEC104 Fuzz Testing
- GOOSE Fuzz Testing
- EtherNet/IP Messaging Fuzz Testing
- DNP3 TCP Fuzz Testing
- DNP3 UDP Fuzz Testing
- CWMP (TR69) ACS Fuzz Testing
- BACnet Fuzz Testing

- Fixed Issues

- Fix Known Vulnerability Testing can not update database issue.

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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

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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.

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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

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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.

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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.

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