

Industrial HiVision 08.1.00 was released

2019-12-20 - - Software Products

Security Vulnerability Corrected in version 08.1.00

| Vulnerability | Description |
|-----------------------|---|
| Java CVE-2019-2933 | Vulnerability in the Java SE, Java SE Embedded product of Oracle Java SE (component: Libraries). Difficult to exploit vulnerability allows unauthenticated attacker with network access via multiple protocols to compromise Java SE, Java SE Embedded. Successful attacks require human interaction from a person other than the attacker. Successful attacks of this vulnerability can result in unauthorized read access to a subset of Java SE, Java SE Embedded accessible data. |
| Java CVE-2019-2945 | Vulnerability in the Java SE, Java SE Embedded product of Oracle Java SE (component: Networking). Difficult to exploit vulnerability allows unauthenticated attacker with network access via multiple protocols to compromise Java SE, Java SE Embedded. Successful attacks require human interaction from a person other than the attacker. Successful attacks of this vulnerability can result in unauthorized ability to cause a partial denial of service (partial DOS) of Java SE, Java SE Embedded. |
| Java CVE-2019-2958 | Vulnerability in the Java SE, Java SE Embedded product of Oracle Java SE (component: Libraries). Difficult to exploit vulnerability allows unauthenticated attacker with network access via multiple protocols to compromise Java SE, Java SE Embedded. Successful attacks of this vulnerability can result in unauthorized creation, deletion or modification access to critical data or all Java SE, Java SE Embedded accessible data. |
| Java CVE-2019-2962 | Vulnerability in the Java SE, Java SE Embedded product of Oracle Java SE (component: 2D). Difficult to exploit vulnerability allows unauthenticated attacker with network access via multiple protocols to compromise Java SE, Java SE Embedded. Successful attacks of this vulnerability can result in unauthorized ability to cause a partial denial of service (partial DOS) of Java SE, Java SE Embedded. |

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| Java CVE-2019-2964 | Vulnerability in the Java SE, Java SE Embedded product of Oracle Java SE (component: Concurrency). Difficult to exploit vulnerability allows unauthenticated attacker with network access via multiple protocols to compromise Java SE, Java SE Embedded. Successful attacks of this vulnerability can result in unauthorized ability to cause a partial denial of service (partial DOS) of Java SE, Java SE Embedded. |
| Java CVE-2019-2978 | Vulnerability in the Java SE, Java SE Embedded product of Oracle Java SE (component: Networking). Difficult to exploit vulnerability allows unauthenticated attacker with network access via multiple protocols to compromise Java SE, Java SE Embedded. Successful attacks of this vulnerability can result in unauthorized ability to cause a partial denial of service (partial DOS) of Java SE, Java SE Embedded. |
| Java CVE-2019-2983 | Vulnerability in the Java SE, Java SE Embedded product of Oracle Java SE (component: Serialization). Difficult to exploit vulnerability allows unauthenticated attacker with network access via multiple protocols to compromise Java SE, Java SE Embedded. Successful attacks of this vulnerability can result in unauthorized ability to cause a partial denial of service (partial DOS) of Java SE, Java SE Embedded. |
| Java CVE-2019-2989 | Vulnerability in the Oracle GraalVM Enterprise Edition product of Oracle GraalVM (component: Java). Difficult to exploit vulnerability allows unauthenticated attacker with network access via multiple protocols to compromise Oracle GraalVM Enterprise Edition. While the vulnerability is in Oracle GraalVM Enterprise Edition, attacks may significantly impact additional products. Successful attacks of this vulnerability can result in unauthorized creation, deletion or modification access to critical data or all Oracle GraalVM Enterprise Edition accessible data. |
| Java CVE-2019-2988 | Vulnerability in the Java SE, Java SE Embedded product of Oracle Java SE (component: 2D). Difficult to exploit vulnerability allows unauthenticated attacker with network access via multiple protocols to compromise Java SE, Java SE Embedded. Successful attacks of this vulnerability can result in unauthorized ability to cause a partial denial of service (partial DOS) of Java SE, Java SE Embedded. |
| Java CVE-2019-2992 | Vulnerability in the Java SE, Java SE Embedded product of Oracle Java SE (component: 2D). Difficult to exploit vulnerability allows unauthenticated attacker with network access via multiple protocols to compromise Java SE, Java SE Embedded. Successful attacks of this vulnerability can result in unauthorized ability to cause a partial denial of service (partial DOS) of Java SE, Java SE Embedded. |
| Java CVE-2019-2894 | Vulnerability in the Java SE, Java SE Embedded product of Oracle Java SE (component: Security). Difficult to exploit vulnerability allows unauthenticated attacker with network access via multiple protocols to compromise Java SE, Java SE Embedded. Successful attacks of this vulnerability can result in unauthorized read access to a subset of Java SE, Java SE Embedded accessible data. |

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| Java CVE-2019-2996 | Vulnerability in the Java SE, Java SE Embedded product of Oracle Java SE (component: Deployment). Difficult to exploit vulnerability allows unauthenticated attacker with network access via multiple protocols to compromise Java SE, Java SE Embedded. Successful attacks require human interaction from a person other than the attacker. Successful attacks of this vulnerability can result in unauthorized update, insert or delete access to some of Java SE, Java SE Embedded accessible data as well as unauthorized read access to a subset of Java SE, Java SE Embedded accessible data. |
| Java CVE 2019-10086 | In Apache Commons Beanutils 1.9.2, a special BeanIntrospector class was added which allows suppressing the ability for an attacker to access the classloader via the class property available on all Java objects. However, this is not used by the default characteristic of the PropertyUtilsBean. |
| Java CVE 2019-12384 | FasterXML jackson-databind 2.x before 2.9.9.1 might allow attackers to have a variety of impacts by leveraging failure to block the logback-core class from polymorphic deserialization. Depending on the class-path content, remote code execution may be possible. |
| Java CVE 2019-14379 | SubTypeValidator.java in FasterXML jackson-databind before 2.9.9.2 mishandles default typing when ehcache is used (because of net.sf.ehcache.transaction.manager.DefaultTransactionManagerLookup), leading to remote code execution. |
| Java CVE 2019-14439 | A Polymorphic Typing issue was discovered in FasterXML jackson-databind 2.x before 2.9.9.2. This occurs when Default Typing is enabled (either globally or for a specific property) for an externally exposed JSON endpoint and the service has the logback jar in the classpath. |
| Java CVE 2019-14540 | A Polymorphic Typing issue was discovered in FasterXML jackson-databind before 2.9.10. It is related to com.zaxxer.hikari.HikariConfig. |
| Java CVE 2019-16335 | A Polymorphic Typing issue was discovered in FasterXML jackson-databind before 2.9.10. It is related to com.zaxxer.hikari.HikariDataSource. This is a different vulnerability than CVE-2019-14540. |

Issues fixed in version 08.1.00

- You can find the problems, workarounds and fixes related to this release in the issue list.

New features in version 08.1.00

- New features:
 - You can protect the Edit Mode, when an edit mode password is assigned or the user management is active.
 - Password change for the first time login on a device
 - Forward events to a syslog server over TLS
 - Configurable auto-acknowledge function, when the status changes for an event
 - Generate test events when configuring status configuration
 - Globally Enable/Disable monitoring of the Security Status
 - Start HiProvision from Industrial HiVision
 - Show number of selected list entries
 - When configuring event actions, you can test the action during the configuration.
 - Certificates are stored in a key store for sub-domain interfaces.
 - The user can now reset the icon on multiple devices to the default icon, as long as there are only devices selected.
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- New devices:
 - Hi-SCOM BN48 and BN3049
- MultiConfig™ dialogs added:
 - Switching - MRP-IEEE - MVRP Configuration (HiOS)
 - Switching - GARP - GMRP (HiOS)
 - Switching - GARP - GVRP (HiOS)
 - Switching - VLANs - Voice (Classic Software, HiOS)
 - Routing - ARP - Global (Classic Software)
 - Diagnostics - Email Notification - Global - Create Email Subject (HiOS)
 - Diagnostics - Ports - Port-Mirroring (HiOS)
 - Port Dialog: Port - Port Security (Classic Software, HiOS)
 - Port Dialog: Port - Dynamic ARP Inspection (HiOS)
 - Port Dialog: Port - MRP-IEEE - Configuration (HiOS)
 - Port Dialog: Port - MRP-IEEE - MMRP (HiOS)
 - Port Dialog: Port - MRP-IEEE - MVRP (HiOS)
 - Port Dialog: Port - GARP - GMRP (HiOS)
 - Port Dialog: Port - GARP - GVRP (HiOS)
 - Port Dialog: Port - DHCP L2 Relay (HiOS)
 - Port Dialog: Port - DHCP Server (HiOS)
 - Port Dialog: Port - Profinet IO (HiOS)

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- MultiConfig™ dialogs modified:
 - Routing - ARP - Global (HiOS, HiSecOS)
 - Diagnostics - Email Notification - Global (HiOS)
 - Diagnostics - Email Notification - Mail Server (HiOS)
 - Port Dialog: Port - POE (Classic Software, HiOS)
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Additions to the manual in version 08.1.00

- The following sentence, "Industrial HiVision enters DeviceConfig_<IP-Adresse>, is changed to "Industrial HiVision enters <IP-Address> in the File Name field".
- In chapter "8.2.24 Properties of a component detail", section "Generate test events" (page 301):
 - Ignore item 8 of the "Generate test events procedure":
 - 'In the "Import event" dialog, verify that the table displays the event for which you wish to assign an action'.

This version has been tested with the following firmware versions:

| Device | Firmware version |
|----------------|-------------------------|
| BAT54RAIL | 8.80 |
| BAT54RAIL-PLUS | 8.80 |
| BAT-R | 9.12 |
| BAT-F | 9.12 |
| BAT-C | 2.3.8 |

| Device | Firmware version |
|--------------------------|-------------------------|
| BAT-2C | 08.02.01.02 |
| BAT450-F | 9.12 |
| BAT867-R | 9.12 |
| Bobcat | 07.4.01 |
| Dragon PTN | 2.4.52 |
| Dragon MACH4000 | 07.4.00 |
| Dragon MACH4500 | 7.2.02 |
| DX940-2GSFP-4TX-4RS-T1-H | 4.0.0 |
| DX1000-TS-02-H | 3.1.8 |
| EAGLE Ruggedized | HiSecOS-01.1.01 |
| EAGLE Ruggedized | HiSecOS-01.2.00 |
| EAGLE Ruggedized | HiSecOS-03.0.00 |
| EAGLEONE-TX-TX | ONE-05.3.00 |
| EAGLE20-TX-TX | SDV-05.3.02 |
| EES25-0600 | HiOS-2E-04.0.00 |
| EESX20-0800 | HiOS-2E-04.0.00 |
| EESX30-0600 | HiOS-2E-06.0.00 |
| Gecko 4TX | 01.0.01 |
| GRS1020-8T8Z | HiOS-2S-06.0.00 |
| GRS1020-16T9 | HiOS-2S-04.1.00 |
| HiProvision | V04.0.14 |
| IS30 | V011R021 |
| LioN-R | V1.0.10.8-1.4 |
| MACH 3001 | 3.46 |
| MACH 3002 | 3.46 |
| MACH100 | L2P-09.0.12 |

| Device | Firmware version |
|-----------------|-------------------------|
| MACH1000GE | L3P-08.0.08 |
| MACH4000 48G | L3P-08.0.08 |
| MACH4002-24G | L2P-09.0.08 |
| MACH4002-24G-3X | L3P-09.0.04 |
| Magnum 10RX | 4.0.4C1 |
| MAR1030 | L2P-09.0.11 |
| MAR1040 | L2P-09.0.12 |
| MAR1040 | L3P-09.0.12 |
| MS20-0800 | L2P-08.0.04 |
| MS20-2400 | L2E-09.0.07 |
| MS2108-2 | 4.06 |
| MS30-0802 | L2E-09.0.07 |
| MS4128-5 | L3P-09.0.07 |
| MSP30-2404 | HiOS-2A-07.0.00 |
| OCTOPUS 3 | HiOS-07.5.00 |
| OCTOPUS-8M | L2P-09.0.07 |
| OS30-001604 | HiOS-2S-04.1.02 |
| PowerMICE | L3P-08.0.08 |
| RED25-04002T1TT | HiOS-2S-PRP-06.0.00 |
| RS20-0400 | L2E-09.0.12 |
| RS20-0800M2 | L2E-09.0.12 |
| RS20-1600M2 | L2E-09.0.12 |
| RS20-2500M3 | L2P-09.0.12 |
| RS2-16M | 9.07 |
| RS2-TX-TX | 9.07 |
| RS30-0802 | L2P-09.0.12 |

| Device | Firmware version |
|--------------------|-------------------------|
| RS30-2402 | L2P-09.0.12 |
| RS40-0009 | L2P-09.0.12 |
| RSB20 | L2B-05.3.05 |
| RSP25-11003Z6ZT | HiOS-2S-PRP-06.0.00 |
| RSP35-08033O6TT | HiOS-2S-06.0.00 |
| RSPE32-24044O7T99 | HiOS-3S-04.0.00 |
| RSR20-08TP | L2P-09.0.12 |
| RSR30-06TP-03COMBO | L2P-09.0.12 |

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- [HAC_Issue-List_2019-12-19.pdf](#)
- [ihivision08100_linux.tar.download.zip](#)
- [ihivision08100_windows.exe.download.zip](#)