

Rogue Device Detection

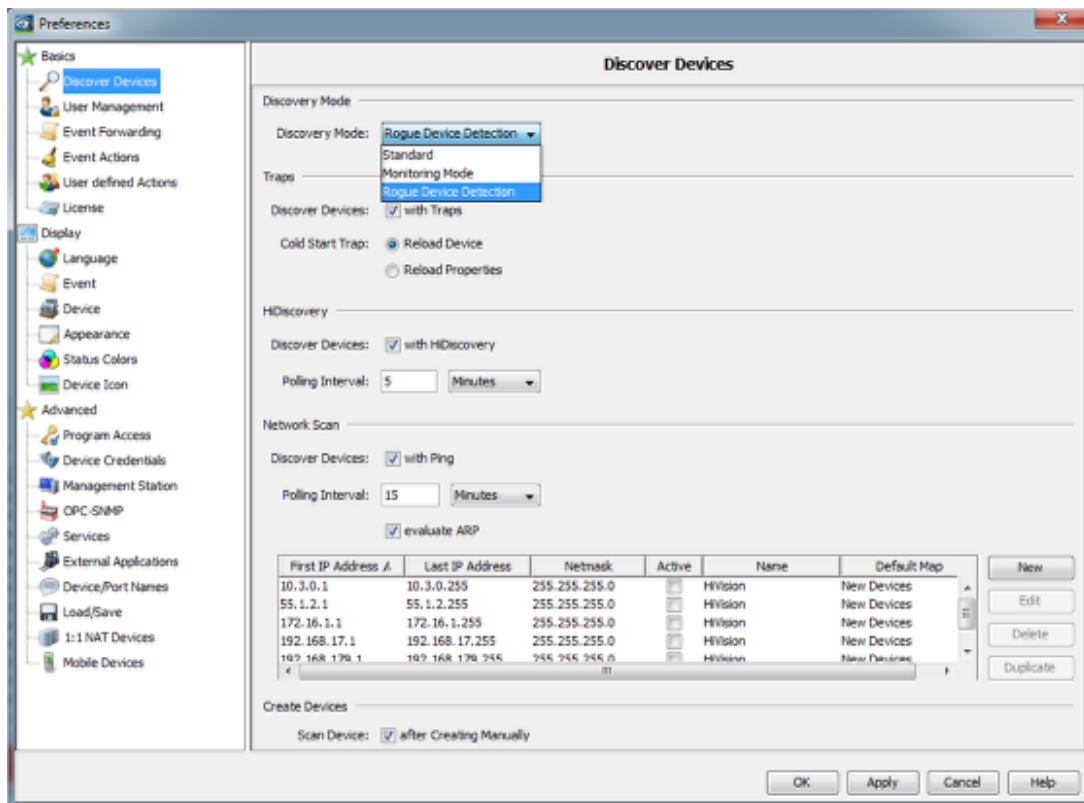
- 2018-02-21 - Industrial HiVision

Rogue Device Detection is available as of IHV v6.0 and can be selected in the preferences dialog.

This discovery mode will detect devices using the selected discovery options but place discovered devices in a separate folder named Rogue Devices.

This feature allows to find devices which do not belong to the monitored network.

Discovery Mode



In the preferences you can select from 3 different discovery modes.

Standard: IHV uses the selected options to discover devices

Monitoring Mode: no automatic scanning but Network Scan, HiDiscovery Scan or add device manually are available

Rogue Device Detection: selected options will be used (at least one option must be selected). Discovered devices will be placed in folder Rogue Devices

Rogue Devices

The screenshot shows the Hirschmann Industrial HiVision software interface. The left sidebar contains a tree view with folders for 'Devices', 'Rogue Devices', and 'Unused Devices'. The 'Rogue Devices' folder is highlighted with a red arrow. The main area displays a network map with a single device icon labeled '172.16.1.220'. Below the map is a table of 'Unacknowledged Events'.

| ID | Act. | Type | Category | Time | User | Source | Component | Message |
|-----|------|-------------------|----------|---------------------|-----------|-----------------------------|----------------------|---|
| 535 | | Device Managed | | 2015-04-27 13:22:13 | DEPSTAR@ | Industrial HiVision Service | | Device Added to Topology 172.16.1.220, 00:80:63:2F:6E:08 |
| 534 | | Device Managed | | 2015-04-27 13:22:08 | DEPSTAR@ | Industrial HiVision Service | | Compatible Class Found for Device: IP Address: 172.16.1.220, 00:80:63:2F:6E:08. Device Class: CooperRtl, Mach 4000, ... |
| 533 | | Device Managed | | 2015-04-27 13:23:07 | DEPSTAR@ | Industrial HiVision Service | | SNMP Access Established 172.16.1.220 |
| 532 | | Device Discovered | | 2015-04-27 13:23:07 | DEPSTAR@ | Industrial HiVision Service | | New Rogue Device Detected by SNMP Trap 172.16.1.220 |
| 531 | | Device Discovered | | 2015-04-27 13:23:07 | DEPSTAR@ | Industrial HiVision Service | | New Rogue Device Detected by SNMP Trap 172.16.1.220 |
| 530 | | User Intervention | | 2015-04-27 13:22:26 | superuser | Industrial HiVision | | Privileged Mode Entered |
| 529 | | User Intervention | | 2015-04-27 13:22:12 | superuser | Industrial HiVision | | Industrial HiVision is Switched to Edit Mode! superuser@CooperRtl |
| 528 | | User Intervention | | 2015-04-27 13:22:12 | superuser | Industrial HiVision | | Industrial HiVision is Switched to Run Mode! superuser@CooperRtl |
| 527 | | Device Removed | | 2015-04-27 13:22:07 | DEPSTAR@ | Industrial HiVision Service | | Device Removed: 172.16.1.220, 00:80:63:2F:6E:08 |
| 526 | | User Intervention | | 2015-04-27 13:22:05 | DEPSTAR@ | Industrial HiVision | | Refresh Device (F5), Device: 172.16.1.220, 00:80:63:2F:6E:08 |
| 525 | | Domain | | 2015-04-27 13:21:47 | DEPSTAR@ | Industrial HiVision Service | | Connected to subdomain 172.16.1.225 |
| 524 | | SNMP Trap | | 2015-04-27 13:21:40 | DEPSTAR@ | 172.16.1.220 | 172.16.1.220 | Device was Switched ON |
| 523 | | Stalks Better | | 2015-04-27 13:21:38 | DEPSTAR@ | 172.16.1.220 | Protocol/Protocol ON | Status Improvement: OK [Reachability=Yes] |
| 522 | | Stalks Worse | | 2015-04-27 13:20:44 | DEPSTAR@ | 172.16.1.220 | Protocol/Protocol ON | Status Impairment: Error [Reachability=No] |
| 521 | | Stalks Worse | | 2015-04-27 13:20:34 | DEPSTAR@ | 172.16.1.220 | Protocol/Protocol ON | Status Impairment: Error [Reachability=No] |
| 520 | | Event Acknowledge | | 2015-04-27 13:20:25 | superuser | Industrial HiVision | | Severe Events Acknowledged by User: 181,187,194,196,198-203,210-211,214,216-221,250,269,308,309,311,317,323,... |

Log entries for discovered rogue devices are generated