

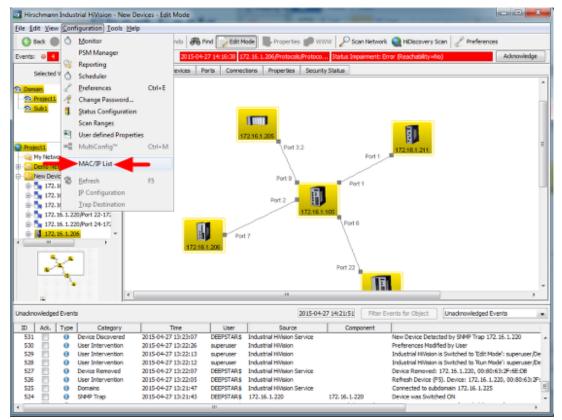
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IP/MAC pairs

- 2018-02-21 - Industrial HiVision

IP/MAC pairs is a security feature which is available as of IHV v6.0.

The purpose of this feature is to maintain a list of IP-MAC pairs and to signal if address associations change.



Select **Configuration - MAC/IP List** from the menu to open the current list of address pairs.

MAC/IP address pair list

| | fress Pair Security | | | | | |
|---------|---------------------|--------------------|-------------------|-----------------|---|-------|
| | | Configure Schedule | for Checking | | | |
| Xaplay: | Al - | Type A | MAC Address | IP Address | | Nev |
| | AL | Existent | 00:80:63:8F:34:00 | 172.16.1.211 | | Ger |
| | Existent | Existent | EC:E5:55:9F:D8:2C | 172.16.1.205 | 6 | Edit |
| | User generated | Existent | 00:80:63:76:D3:7E | 172.16.1.105 | | |
| | Excluded | Existent | EC:E5:55:24:88:88 | 172, 16, 1, 206 | | Delet |
| | | Existent | 00:00:00:00:00:00 | 172.16.1.143 | | - |
| | | Existent | 00:80:63:2F:6E:DB | 172.16.1.220 | | |
| | | Existent | 00:80:63:F7:4A:67 | 172.16.1.1 | | |
| | | Existent | 00:00:00:00:00:00 | 127.0.0.2 | | |
| | | Existent | 00:80:63:A7:80:48 | 192.168.0.17 | | |
| | | Existent | 00:80:63:A7:80:50 | 127.0.0.1 | | |
| | | Existent | 00:80:63:77:4B:F7 | 192.168.0.16 | | |
| | | Existent | 00:80:63:77:48:FF | 127.0.0.1 | | |
| | | Existent | EC:E5:55:61:9E:D8 | 192.168.0.15 | | |
| | | Existent | EC:E5:55:FF:D3:CF | 127.0.0.1 | | |
| | | Existent | EC:E5:55:34:08:C8 | 192.168.0.14 | | |
| | | Existent | EC:E5:55:FF:D0:FC | 127.0.0.1 | | |
| | | Existent | EC:E5:55:F6:7D:00 | 192.168.0.13 | | |
| | | Existent | EC:E5:55:F6:70:05 | 127.0.0.1 | | |
| | | Existent | EC:E5:55:01:30:60 | 192.168.0.12 | | |
| | | Existent | EC:E5:55:01:30:61 | 127.0.0.1 | | |
| | | Existent | EC:E5:55:F6:99:C0 | 192.168.0.11 | | |
| | | Existent | EC:E5:55:F6:99:C5 | 127.0.0.1 | | |
| | | Existent | EC:E5:55:AE:AF:C2 | 192.168.0.10 | | |
| | | Existent | EC:E5:55:AE:AF:C7 | 127.0.0.1 | | |
| | | Existent | 00:80:63:5A:E4:28 | 192.168.0.9 | | 1 |

Change to the tab MAC/IP Address Pair Security.

IP/MAC pairs contained by this list will be differentiated between three types:

- Existent (in field)
- User generated (they are manually added by the user using add functionality or by selecting one of the existent pair and edit it).
- Excluded/Excepted (these are also added by user manually or by selecting and editing/converting an existent record. These do not preserve the MAC Address. For them will never be raised a warning event.

If **Configure Schedule for Checking** is checked the scheduler dialog will appear on leaving this dialog.

Scheduler

| Scheduler Tasks Scripts Schedules | Results | × |
|--------------------------------------|---|---------------|
| Task Name A | Start Date Repetition interval Repetition End date Image: Start Date New Entry Image: Start Date Image: Start | Edt Delete |
| | OK Apply Car | voel Help |

In this dialog you can specify the schedule for checking IP/MAC pairs. The minimum interval for this feature is 30 minutes.

| Log Message | | | | | | | | | | |
|-------------|-----|------|------|---------------------|---------------------|----------|------------------------------|------------------------|--|--|
| | | Adı. | Type | Category | Time | User | Source | Conponent | Message | |
| | 582 | | 1. | Scheduler | | | Industrial Hilliolog Service | | NAC address changed for IP address (00:80:63:8F(34:01)>00:80:63:48:A1:8F | |
| | 481 | 11 | | Status Adventiselae | 2015/06/27 15:06:13 | S INFORM | 122.06.1.105/Ewil 1-122.1 | 122, 16, 1, 105 Bort 1 | Status Change Advandedne: OK | |