

AB7317-PNIO-Capture2.pcapng

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

Apply a display filter ... <Ctrl-/>

No.	Time	Source	Destination	Protocol	Length	Info
205	23.188167	HMSIndus_42:ae:b2	Siemens_0e:61:df	PNIO_PS	92	RTIC1(legacy), ID:0xc001, Len: 72, Cyc
206	23.191505	Siemens_0e:61:df	HMSIndus_42:ae:b2	PNIO	60	RTIC1(legacy), ID:0xc010, Len: 40, Cyc
207	23.196127	HMSIndus_42:ae:b2	Siemens_0e:61:df	PNIO_PS	92	RTIC1(legacy), ID:0xc001, Len: 72, Cyc
208	23.199513	Siemens_0e:61:df	HMSIndus_42:ae:b2	PNIO	60	RTIC1(legacy), ID:0xc010, Len: 40, Cyc

```

.... .1.. = DataValid (1:Valid/0:Invalid): 0x1
.... ..0. = Redundancy: Redundancy has no meaning for OutputCRs / One primary AR of a given AR-set is present
.... ...1 = State (1:Primary/0:Backup): 0x1
TransferStatus: 0x00 (OK)
PROFINET IO Cyclic Service Data Unit: 72 bytes
PN Frame Type: Response Frame (IO_Device -> IO_Controller)
DeviceVendorValue: "Communicator CAN"
NameOfStation: "anybus-can2"
GSD-file networkpath failure! Please check your GSD-file networkpath. (No Path configured)
> IODataObject: Slot: 0x0 Subslot: 0x1 ModuleName: "Unknown"
> IODataObject: Slot: 0x0 Subslot: 0x8000 ModuleName: "Unknown"
> IODataObject: Slot: 0x0 Subslot: 0x8001 ModuleName: "Unknown"
> IODataObject: Slot: 0x1 Subslot: 0x1 ModuleName: "Unknown"
  Difference: Device using ModuleIdentifier 0x00000007 instead of 0x00001001
  ModuleIdentifier: 0x00001001
  SubmoduleIdentifier: 0x00000001
  IO Data: 2 byte
  IOPS: 0x00 (bad)
    0... ..0. = DataState: Bad (0x0)
    .00. .... = Instance: Detected by subslot (0x0)
    ...0 000. = Reserved: 0x0
    .... ..0. = Extension: No IOxS octet follows (0x0)
  IOCS: 0x00 (bad), Slot: 0x1, Subslot: 0x1
  IODataObject: Slot: 0x2 Subslot: 0x1 ModuleName: "Unknown"
    ModuleIdentifier: 0x00000007
    SubmoduleIdentifier: 0x00000000
    IO Data: 64 byte
    IOPS: 0x80 (good)
  
```

```

0000 20 87 56 0e 61 df 00 30 11 42 ae b2 88 92 c0 01  .V.a..0..B
0010 80 80 80 a7 7a 00 00 00 00 00 00 00 00 00 00  .a77a.....
0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  .....
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  .....
0040 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  .....
0050 00 00 00 00 00 00 00 00 80 b6 00 35 00  .....5.
  
```

User Data (pn.user_data), 2 bytes | Packets: 2342 · Displayed: 2342 (100.0%) | Profile: Default

This 'pBuffer' is the 2-byte read-data block sent back to the Profinet Controller by the **Anybus** (i.e. **invalid data**, 'a7 7a')

This 'pBuffer' is the 64-byte read-data block sent back to the Profinet Controller by the **Anybus** (i.e. **valid data**, all '00')

'pIOremState=BAD' is response sent back to the Profinet Controller by the **Anybus** to indicate the status of **this** 2-byte read-data transaction from slot1 is **bad** (i.e. IO Remote State)

'pIOremState=GOOD' is response sent back by the **Anybus** to indicate the status of **this** 64-byte read-data transaction from slot 2 is **good** (i.e. IO Remote State)