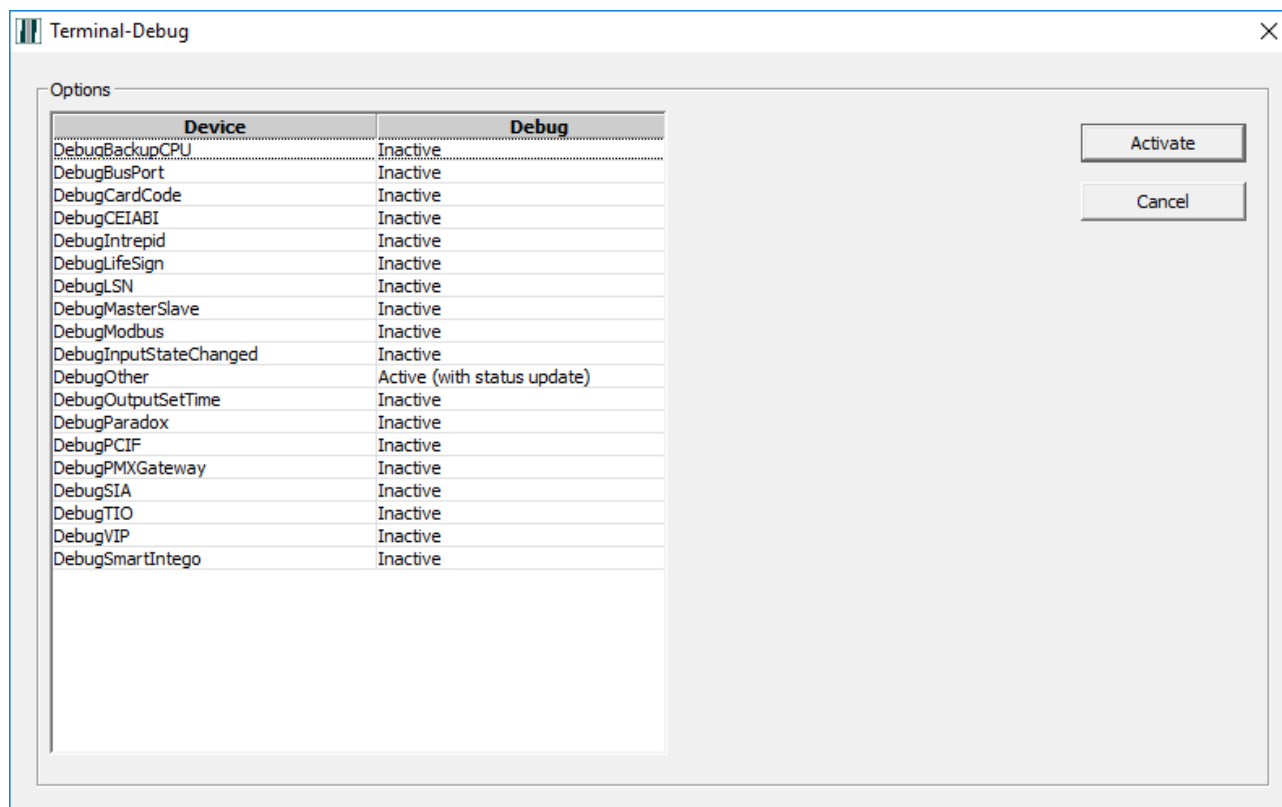


## Opsætning af SNMP modtager i NOX på R7 (>10.xx)

Hvis du ikke ved præcis hvordan en trap ser ud inden du programmerer, skal du sætte NOX i Service 3 og slå DebugOther til under Terminal-Debug i Terminal vinduet.



Resultatet vil se ud som nedenstående. Vi benytter et eksempel fra en APC Simple UPS-1500, der sendes en trap ved tab af 230V, samt ved Normal drift, og det ser ud som nedenstående:

```

CPU 0 CPU unit:000 SNMP Version 1 TRAP received from 192.168.1.96:63826:
CPU 0 CPU unit:000 Community:Public
CPU 0 CPU unit:000 Enterprise:1.3.6.1.4.1.318
CPU 0 CPU unit:000 Trap generic: 6
CPU 0 CPU unit:000 Trap specific: 5
CPU 0 CPU unit:000 Agent address: 192.168.1.96
CPU 0 CPU unit:000 Timestamp: 552380
CPU 0 CPU unit:000 varBind count: 1
CPU 0 CPU unit:000 varBind content:
CPU 0 CPU unit:000 1.3.6.1.4.1.318.2.3.3.0 OctetString: UPS: On battery power in response to distorted input.
CPU 0 Alarmlog: 18.01.19 13:42:52 sabotage alarm UPS on Battery in area system (SNM 9001-2)
CPU 0 CPU unit:000 SNMP Version 1 TRAP received from 192.168.1.96:52084:
CPU 0 CPU unit:000 Community:Public
CPU 0 CPU unit:000 Enterprise:1.3.6.1.4.1.318
CPU 0 CPU unit:000 Trap generic: 6
CPU 0 CPU unit:000 Trap specific: 9
CPU 0 CPU unit:000 Agent address: 192.168.1.96
CPU 0 CPU unit:000 Timestamp: 553620
CPU 0 CPU unit:000 varBind count: 1
CPU 0 CPU unit:000 varBind content:
CPU 0 CPU unit:000 1.3.6.1.4.1.318.2.3.3.0 OctetString: UPS: No longer on battery power.
CPU 0 Alarmlog: 18.01.19 13:43:04 sabotage alarm UPS Normal in area system (SNM 9001-3)

```

Konfiguration af NOX SNMP modulet skal udledes af den trap tekst der modtages fra APC UPS'en, herunder beskrives processen.

De første 4 linjer er rimelig selvforklarende i forhold til modulet, det er til gengæld ikke tilfældet med den nederste linje; den skal indsættes som OID værdien.

Trap for "Kører nu på batteri"

NOX SNMP
×

```

CPU 0 CPU unit:000 SNMP Version 1 TRAP received from 192.168.1.96:63826:
CPU 0 CPU unit:000 Community:Public
CPU 0 CPU unit:000 Enterprise:1.3.6.1.4.1.318
CPU 0 CPU unit:000 Trap generic: 6
CPU 0 CPU unit:000 Trap specific: 5
CPU 0 CPU unit:000 Agent address: 192.168.1.96
CPU 0 CPU unit:000 Timestamp: 552380
CPU 0 CPU unit:000 VarBind count: 1
CPU 0 CPU unit:000 VarBind content:
CPU 0 CPU unit:000 1.3.6.1.4.1.318.2.3.3.0 OctetString: UPS: on battery power in response to distorted input.
CPU 0 Alarmlog: 18.01.19 13:42:52 sabotage alarm UPS on Battery in area System (SNM 9001-2)

```

Nr.	No.
1	UPS Test Trap
2	UPS on Battery
3	UPS Normal

New

Change

Delete

**Input**

Name: EN

UPS on Battery

Input profile: 4. Sabotage

in area: 3. System

Setting at state change

---

**SNMP Information**

Enterprise: 1.3.6.1.4.1.318

Generic trap: 6      Specific trap: 5

OID: 1.3.6.1.4.1.318.2.3.3.0

Content of variable:

Community: Public  
(empty string: do not check)

Approve

Cancel

## Trap for "Normal drift"

NOX SNMP

```

CPU 0 CPU unit:000 SNMP Version 1 TRAP received from 192.168.1.96:52084:
CPU 0 CPU unit:000 Community:Public
CPU 0 CPU unit:000 Enterprise:1.3.6.1.4.1.318
CPU 0 CPU unit:000 Trap generic: 6
CPU 0 CPU unit:000 Trap specific: 9
CPU 0 CPU unit:000 Agent address: 192.168.1.96
CPU 0 CPU unit:000 Timestamp: 553620
CPU 0 CPU unit:000 VarBind count: 1
CPU 0 CPU unit:000 VarBind content:
CPU 0 CPU unit:000 1.3.6.1.4.1.318.2.3.3.0 OctetString: UPS: No longer on battery power.
CPU 0 Alarmlog: 18.01.19 13:43:04 sabotage alarm UPS Normal in area system (SNM 9001-3)

```

Nr.	No.
1	UPS Test Trap
2	UPS on Battery
3	UPS Normal

New

Change

Delete

Input

Name: EN

UPS Normal

Input profile: 4. Sabotage

in area: 3. System

Setting at state change

SNMP Information

Enterprise: 1.3.6.1.4.1.318

Generic trap: 6      Specific trap: 9

OID: 1.3.6.1.4.1.318.2.3.3.0

Content of variable:

Community: Public  
(empty string: do not check)

Approve

Cancel