

SNMP

| Attribut | Wert v1 | Wert v2 | Wert v3 |
|--------------------|---------------|------------------|----------------------|
| Einführung | 1988 | 1993 | 1999 |
| Standard | RFC 1155-1157 | RFC 1901-8, 2578 | RFC 1905-06, 3411-18 |
| Protokoll | UDP | UDP | UDP |
| Port | 161 | 161 | 161 |
| Authentifizierung | Community | Community | Username, MD5, SHA |
| Encryption | Keine | Keine | DES, AES |
| 64-Bit Zähler | Ja | Nein | Ja |
| Standard Community | public | public | Keine |

Konfiguration v2

```
SW1#conf t
SW1(config)#snmp-server community cisco-snmp ro
SW1(config)#snmp-server location Rack 10, 1 UG
SW1(config)#snmp-server contact network@holzfeind.ch
SW1(config)#snmp-server host 192.168.10.20 version 2c cisco-snmp
SW1(config)#snmp-server host 192.168.10.20 informs version 2c cisco-snmp alarms
SW1(config)#do wr
```

Konfiguration v3

```
SW1#conf t
SW1(config)#snmp-server location Rack 10, 1 UG
SW1(config)#snmp-server contact network@holzfeind.ch
SW1(config)#snmp-server group monitor-group v3 priv
SW1(config)#snmp-server user monitor-user monitor-group v3 priv auth sha 12345 priv ases 128
54321
```

```
SW1(config)#snmp-server host 192.168.10.20 version 3 monitor-user  
SW1(config)#snmp-server host 192.168.10.20 informs version 3 monitor-user alarms  
SW1(config)#do wr
```

Troubleshooting

```
show snmp  
show snmp host  
show snmp community  
show snmp contact  
show snmp location  
show snmp view  
show snmp group  
show snmp user [username ]  
show snmp engineID  
show snmp sessions  
show snmp pending  
show snmp mib ifmib traps
```

Revision #1

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