

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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