

The Dude

For being mostly free (at most \$45), [Mikrotik's The Dude](#) monitoring system is on of the most useful network monitoring tools any IT group could possibly deploy.

Here's some customizations I regularly use.

Notifications

Templates

The are notification template customizations I use.

Email

Subject

```
[Service.Status] [Probe.Name] on [Device.Name] (Map: [Device.NetMaps])
```

Body

```
Service [Probe.Name] on [Device.Name] is now [Service.Status] ([Service.ProblemDescription])  
Map: [Device.NetMaps]  
Address: [Device.AddressesCommaList] ([Device.FirstDnsName])  
Custom Field 1: [Device.CustomField1]  
Custom Field 2: [Device.CustomField2]  
Custom Field 3: [Device.CustomField3]  
Notes:  
[Device.NotesCommaList]
```

log to events

```
[Service.Status] [Probe.Name] on [Device.Name] - [Device.FirstAddress] ([Device.FirstDnsName]) -  
([Service.ProblemDescription]) - (Map: [Device.NetMaps])
```

log to events - csv

```
"[Device.NetMaps]","[Device.Name]","[Device.FirstAddress]","[Device.FirstDnsName]","[Probe.Name]","[Service.Status]","[Service.ProblemDescription]"
```

log to events - json

```
{"map":"[Device.NetMaps]", "device":"[Device.Name]", "firstAddress":"[Device.FirstAddress]",  
"firstDNSName":"[Device.FirstDnsName]", "probe":"[Probe.Name]", "status":"[Service.Status]",  
"problemDescription":"[Service.ProblemDescription]"}
```

Functions

snmp_link_info()

```
if (  
    string_size(oid(concatenate("iso.org.dod.internet.mgmt.mib-2.interfaces.ifTable.ifEntry.ifAdminStatus.",  
link_index() ), 300, 600)),  
    concatenate(  
        concatenate("if:", link_index(), " - "),  
        oid(concatenate("iso.org.dod.internet.mgmt.mib-2.interfaces.ifTable.ifEntry.ifDescr.",link_index()), 60),  
        "  
Admin ",  
        oid(concatenate("iso.org.dod.internet.mgmt.mib-2.interfaces.ifTable.ifEntry.ifAdminStatus.",link_index()), 60),  
        ", Oper ",  
        oid(concatenate("iso.org.dod.internet.mgmt.mib-2.interfaces.ifTable.ifEntry.ifOperStatus.",link_index()), 60),  
        "  
Last change: ",  
        oid(concatenate("iso.org.dod.internet.mgmt.mib-2.interfaces.ifTable.ifEntry.ifLastChange.",link_index()), 60),  
        """,  
        "  
"  
    )  
,  
    """  
)
```

#end

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