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[nagios@ns01ngmonp01 ~]$ /usr/local/nagios/libexec/check_ifoperstatus -H 172.20.25
3.1 -C 3 -k up,1 down,0
```

check\_ifoperstatus v2.0.3 (nagios-plugins 2.0.3)

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usage:

```
check_ifoperstatus -k <IF_KEY> -H <HOSTNAME> [-C <community>]
```

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check\_ifoperstatus plugin for Nagios monitors operational  
status of a particular network interface on the target host

Usage:

```
-H (--hostname)  Hostname to query - (required)
-C (--community) SNMP read community (defaults to public,
                    used with SNMP v1 and v2c)
-v (--snmp_version) 1 for SNMP v1 (default)
                    2 for SNMP v2c
                    SNMP v2c will use get_bulk for less overhead
                    if monitoring with -d
-L (--seclvl) choice of "noAuthNoPriv", "authNoPriv", or "authPriv"
-U (--secname) username for SNMPv3 context
-c (--context) SNMPv3 context name (default is empty string)
-A (--authpass) authentication password (cleartext ascii or localized key
                    in hex with 0x prefix generated by using "snmpkey" utility
                    auth password and authEngineID)
-a (--authproto) Authentication protocol (MD5 or SHA1)
-X (--privpass) privacy password (cleartext ascii or localized key
                    in hex with 0x prefix generated by using "snmpkey" utility
                    privacy password and authEngineID)
-P (--privproto) privacy protocol (DES or AES; default: DES)
-k (--key) SNMP IfIndex value
-d (--descr) SNMP ifDescr value
-T (--type) SNMP ifType integer value (see http://www.iana.org/assignment
s/ianaiftype-mib)
-p (--port) SNMP port (default 161)
-I (--ifmib) Agent supports IFMIB ifXTable. Do not use if
you don't know what this is.
-n (--name) the value should match the returned ifName
(Implies the use of -I)
```

-w (--warn =i|w|c) ignore|warn|crit if the interface is dormant (default critical)  
-D (--admin-down =i|w|c) same for administratively down interfaces (default warning)  
-M (--maxmsgsize) Max message size - usefull only for v1 or v2c  
-t (--timeout) seconds before the plugin times out (default=15)  
-V (--version) Plugin version  
-h (--help) usage help

-k or -d or -T must be specified

Note: either -k or -d or -T must be specified and -d and -T are much more network intensive. Use it sparingly or not at all. -n is used to match against a much more descriptive ifName value in the IfXTable to verify that the snmpkey has not changed to some other network interface after a reboot.