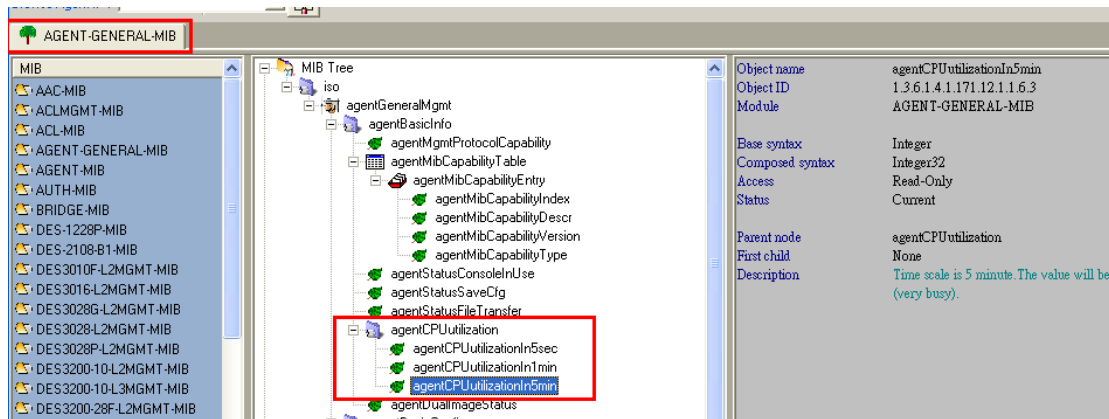


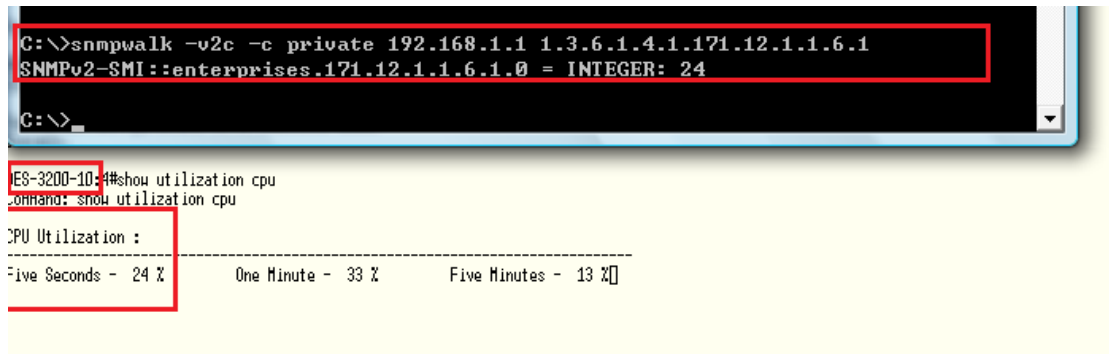
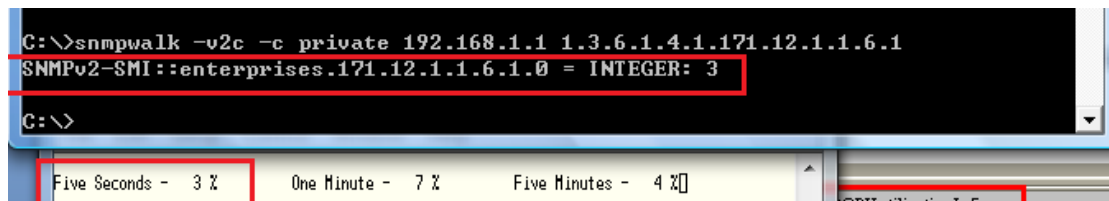
# How to use SNMP to show utilization cpu

## Agent-General-MIB



## gentCPUUtilizationIn5sec:

snmpwalk -v2c -c private 192.168.1.1 1.3.6.1.4.1.171.12.1.1.6.1



Object name	agentCPUutilizationIn5sec
ObjectID	1.3.6.1.4.1.171.12.1.1.6.1
Module	AGENT-GENERAL-MIB
Base syntax	Integer
Composed syntax	Integer32
Access	Read-Only
Status	Current
Parent node	agentCPUutilization
First child	None
Description	Time scale is 5 seconds.The value will be between 0% (very busy).

## agentCPUutilizationIn1min

snmpwalk -v2c -c private 192.168.1.1 1.3.6.1.4.1.171.12.1.1.6.2

```
C:\>snmpwalk -v2c -c private 192.168.1.1 1.3.6.1.4.1.171.12.1.1.6.2
SNMPv2-SMI::enterprises.171.12.1.1.6.2.0 = INTEGER: 3
C:\>
```

Five Seconds - 4 %	One Minute - 3 %	Five Minutes - 4 %
--------------------	------------------	--------------------

```
C:\>snmpwalk -v2c -c private 192.168.1.2 1.3.6.1.4.1.171.12.1.1.6.2
SNMPv2-SMI::enterprises.171.12.1.1.6.2.0 = INTEGER: 5
C:\>
```

```
DES-3200-26:4#
DES-3200-26:4#
DES-3200-26:4#show utilization cpu
Command: show utilization cpu

CPU Utilization :
-----
Five Seconds - 0 %
One Minute - 5 %
Five Minutes - 13 %
```

```
DES-3200-18-4#
DES-3200-18-4#show utilization cpu
Command: show utilization cpu

CPU Utilization :
-----
Five Seconds - 13 %   One Minute - 14 %   Five Minutes - 4 %
```

```
Administrator: Command Prompt
C:\>
C:\>
C:\>
C:\>
C:\>snmpwalk -v2c -c private 192.168.1.1 1.3.6.1.4.1.171.12.1.1.6.3
SNMPv2-SMI::enterprises.171.12.1.1.6.3.0 = INTEGER: 4

C:\>snmpwalk -v2c -c private 192.168.1.1 1.3.6.1.4.1.171.12.1.1.6.1
^C
C:\>snmpwalk -v2c -c private 192.168.1.2 1.3.6.1.4.1.171.12.1.1.6.1
SNMPv2-SMI::enterprises.171.12.1.1.6.1.0 = INTEGER: 3

C:\>snmpwalk -v2c -c private 192.168.1.2 1.3.6.1.4.1.171.12.1.1.6.2
SNMPv2-SMI::enterprises.171.12.1.1.6.2.0 = INTEGER: 5

C:\>snmpwalk -v2c -c private 192.168.1.2 1.3.6.1.4.1.171.12.1.1.6.3
SNMPv2-SMI::enterprises.171.12.1.1.6.3.0 = INTEGER: 13

C:\>snmpwalk -v2c -c private 192.168.1.2 1.3.6.1.4.1.171.12.1.1.6.2
Timeout: No Response from 192.168.1.2

C:\>snmpwalk -v2c -c private 192.168.1.1 1.3.6.1.4.1.171.12.1.1.6.2
SNMPv2-SMI::enterprises.171.12.1.1.6.2.0 = INTEGER: 14

C:\>
```

Object name	agentCPUutilizationIn1min
Object ID	1.3.6.1.4.1.171.12.1.1.6.2
Module	AGENT-GENERAL-MIB
Base syntax	Integer
Composed syntax	Integer32
Access	Read-Only
Status	Current
Parent node	agentCPUutilization
First child	None
Description	Time scale is 1 minute. The value will be between 0% (very busy).

### agentCPUutilizationIn5min

snmpwalk -v2c -c private 192.168.1.1 1.3.6.1.4.1.171.12.1.1.6.3

```
C:\>snmpwalk -v2c -c private 192.168.1.1 1.3.6.1.4.1.171.12.1.1.6.3
SNMPv2-SMI::enterprises.171.12.1.1.6.3.0 = INTEGER: 4
C:\>
```

Five Seconds - 2 %    One Minute - 2 %    Five Minutes - 4 %

```
C:\>snmpwalk -v2c -c private 192.168.1.2 1.3.6.1.4.1.171.12.1.1.6.3
SNMPv2-SMI::enterprises.171.12.1.1.6.3.0 = INTEGER: 13
C:\>
```

```
DES-3200-26:4#
DES-3200-26:4#
DES-3200-26:4#show utilization cpu
Command: show utilization cpu

CPU Utilization :
-----
Five Seconds - 6 %    One Minute - 3 %    Five Minutes - 12 %
```

```
C:\>snmpwalk -v2c -c private 192.168.1.1 1.3.6.1.4.1.171.12.1.1.6.3
SNMPv2-SMI::enterprises.171.12.1.1.6.3.0 = INTEGER: 8
C:\>
```

```
DES-3200-18:4#
DES-3200-18:4#show utilization cpu
Command: show utilization cpu

CPU Utilization :
-----
Five Seconds - 9 %    One Minute - 8 %    Five Minutes - 8 %
```

Object name	agentCPUUtilizationIn5min
Object ID	1.3.6.1.4.1.171.12.1.1.6.3
Module	AGENT-GENERAL-MIB
Base syntax	Integer
Composed syntax	Integer32
Access	Read-Only
Status	Current
Parent node	agentCPUUtilization
First child	None
Description	Time scale is 5 minute. The value will be between 0% (very busy).