



! This is a basic SNMP config with simple security. We recommend you always apply an access-list  
! (ACL) to an SNMP community and never use 'private' or 'public' strings.  
! - We used simple IP addresses in this example for ease of reading the config.  
! - Email [info@configtoolbox.com](mailto:info@configtoolbox.com) if you have any questions.

! This ACL will apply to the read-only community and only permit approved hosts, such as your  
! network management software (NMS) which is the most common query source. We recommend  
! individual hosts specified rather than subnets for extra control.

```
ip access-list standard 1
```

[illegible]

20 permit 1.1.1.11

30 permit 1.1.1.12

! This ACL will apply to the read-write community and deny all requests. You need to be very  
! careful with the read-write community and only enable if needed. It's not common to enable  
! for small/mid networks as most NMS, such as Kiwi CatTools, will be configured to login via SSH  
! to make configuration changes (our recommendation anyway). If you are using read-write then  
! change the ACL to a permit host.

```
ip access-list standard 2
```

10 deny any

! Never use 'public' or 'private' for your SNMP community strings.

```
snmp-server community PUBLIC123RO ro 1 >>>>>> Change community to something you like
snmp-server community PRIVATE123RW rw 2 >>>>>> Change community to something you like
snmp-server trap-source GigabitEthernet0/0 >>>>> Change this to your management interface
snmp-server enable traps
```

! This command will send those SNMP traps to any NMS you have configured to receive SNMP for logging or actions.

```
snmp-server host 1.1.1.10 version 2c PUBLIC123RO >>>>>>>>>> Change IP to your NMS
```

Let us know if you have any questions or need config guidance.

- Config Toolbox @ <https://configtoolbox.com/contact-us>

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