

Genel Network tan?mlar?

Network tan?mlar?

Hostname tan?m?

```
A10>conf t
SSL-I>en
Password:
A10#conf t
A10(config)#hostname host_name
A10(config)#end
A10#exit
```

Management interface için ip adres tan?m?

```
A10>conf t
A10>en
Password:
A10#conf t
A10(config)#interface management
A10(config-if:management)#ip address 192.168.254.10 /24
A10(config-if:management)#end
A10#exit
```

Routed interface tan?m?

```
A10>conf t
SSL-I>en
```

```
Password:
A10#conf t
A10(config)#interface ethernet 3
A10(config-if:ethernet:3)#
A10(config-if:ethernet:3)#ip address 192.168.1.1 /24
A10(config-if:ethernet:3)#enable
A10(config-if:ethernet:3)#end
A10#exit
```

VLAN Ekleme

```
A10>conf t
SSL-I>en
Password:
A10#conf t
A10(config)#vlan 500
A10(config-vlan:500)#name test_vlan
```

bize göre Trunk, tagged yada untagged port tan?m?

```
A10>conf t
SSL-I>en
Password:
A10#conf t
A10(config)#vlan 500
A10(config-vlan:500)#tagged ethernet 3
A10(config-vlan:500)#untagged ethernet 4
```

A10'a göre trunk, lacp interface tan?m?

Lacp tanımı işi , A10 işletim sisteminde trunk tanımı olarak düşünülmüştür. Buna göre interfaceleri trunk gruplar altına ekliyoruz.

```
A10>conf t
SSL-I>en
Password:
A10#conf t
A10(config)#
A10(config)# interface ethernet 6
A10(config-if:ethernet:6)#
A10(config-if:ethernet:6)# name LACP
A10(config-if:ethernet:6)# enable
A10(config-if:ethernet:6)# trunk-group 10 lacp
A10(config-if:ethernet:6)# exit
A10(config)# interface ethernet 8
A10(config-if:ethernet:8)# name LACP
A10(config-if:ethernet:8)# enable
A10(config-if:ethernet:8)# trunk-group 10 lacp
!
```

ip adresi tanımlamak için

```
A10(config)#interface trunk 10
A10(config-if:trunk:10)#ip address 192.168.1.10 /23
A10(config-if:trunk:10)#exit
A10(config)#end
```

Svi tanımlama ve ip adresi verme

bir interface direkt ip adresi verebileceğimiz gibi aynı vlan tagine sahip bütün interfaclerden karşılanan svi tanımlı da yapabiliriz bunun için aşağıdaki konfig yeterlidir.

```
A10>conf t
SSL-I>en
Password:
A10#conf t
A10(config)#vlan 500
A10(config-vlan:500)#router-interface ve 500
A10(config-vlan:500)#exit
A10(config)#interface ve 500
A10(config-if:ve:500)#ip address 192.168.5.1 /24
```

Lldp açma

```
A10>conf t
A10>en
Password:
A10#conf t
A10(config)#interface ethernet 3
A10(config-if:ethernet:3)#lldp enable rx tx
A10(config-if:ethernet:3)#exit
A10(config)#end
```

Ntp dns tan?mlar?

```
A10>conf t
A10>en
Password:
A10#conf t
A10(config)#ip dns primary 8.8.8.8
A10(config)#ip dns secondary 4.2.2.1
A10(config)#end
```

Management portu üzerinden çal??t?r? lacak kontrol uygulamalar? çal??t?rma

```
A10>conf t
A10>en
Password:
A10#conf t
A10(config)#interface management
A10(config-if:management)#ip control-apps-use-mgmt-port
A10(config-if:management)#exit
A10(config)#end
```

Statik rota

```
A10>conf t
A10>en
Password:
A10#conf t
A10(config)#ip route 172.16.10.0 /24 x.x.x.x(next-hop)
A10(config)#end
```

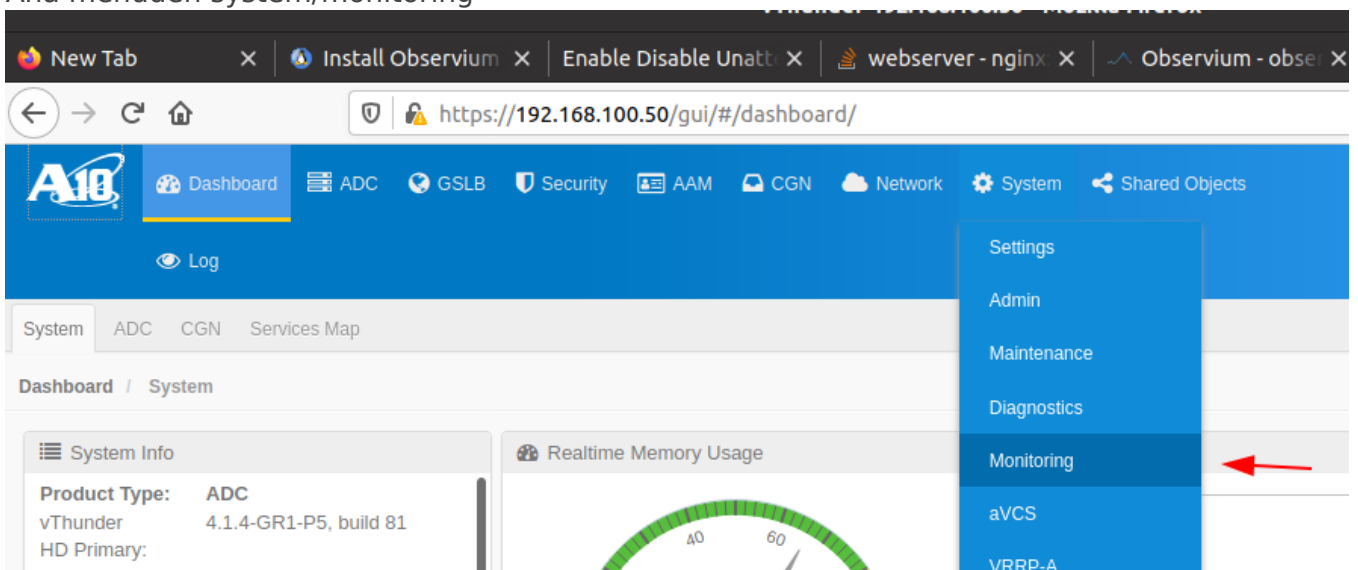
Default gateway tan?m? (Management VRF)

```
A10>en
Password:
A10#conf t
A10(config)#interface management
A10(config)#ip address 10.34.0.2 255.255.255.0
A10(config)#ip control-apps-use-mgmt-port
A10(config)#ip default-gateway 10.34.0.1
!
```

SNMPv2 tan?m?

Gui üzerinden konfigürasyon metodu;

1. Ana menüden system/monitoring



- 2.

3.

https://192.168.100.50/gui/#/system/snmp/create/

Log

sFlow SNMP Netflow

System / Monitoring / SNMP / Create

SNMP

General Fields

System SNMP Service

☐ Enable ☒ Disable

System Location

length:1-255

System Contact

length:10-24

Engine ID

length:10-24

Management Index

range:0-2147483647

SLB Data Cache Timeout(seconds)

range:5-120

Trap Host

SNMP Community

IP Address(Host)

Port

Version

User

Action

+ Add

Trap List

Cancel Configure SNMP

4.

vThunder-192.168.100.50 - Mozilla Firefox

https://192.168.100.50/gui/#/system/snmp/create/

Log

sFlow SNMP Netflow

System / Monitoring / SNMP / Create

SNMP

General Fields

System SNMP Service

☒ Enable ☐ Disable

System Location

umraniye, ISTANBUL, TURKEY

System Contact

mesut@mikronet.net

Engine ID

length:10-24

Management Index

range:0-2147483647

SLB Data Cache Timeout(seconds)

range:5-120

Trap Host

SNMP Community

IP Address(Host)

Port

Version

User

Action

+ Add

Trap List

Cancel Configure SNMP

https://192.168.100.50/gui/#/system/snmp/create/

Log

sFlow SNMP Netflow

System / Monitoring / SNMP / Create

SNMP

General Fields

System SNMP Service

☒ Enable ☐ Disable

System Location

umraniye, ISTANBUL, TURKEY

System Contact

mesut@mikronet.net

Engine ID

length:10-24

Management Index

range:0-2147483647

SLB Data Cache Timeout(seconds)

range:5-120

Trap Host

SNMP Community

IP Address(Host)

Port

Version

User

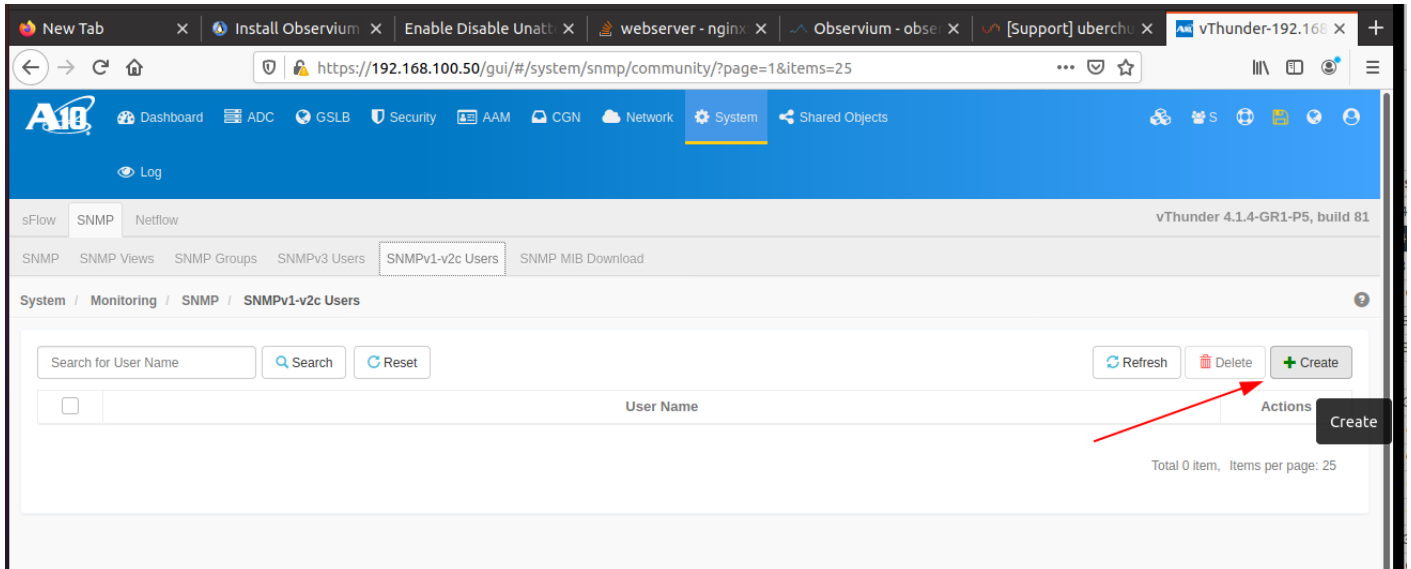
Action

+ Add

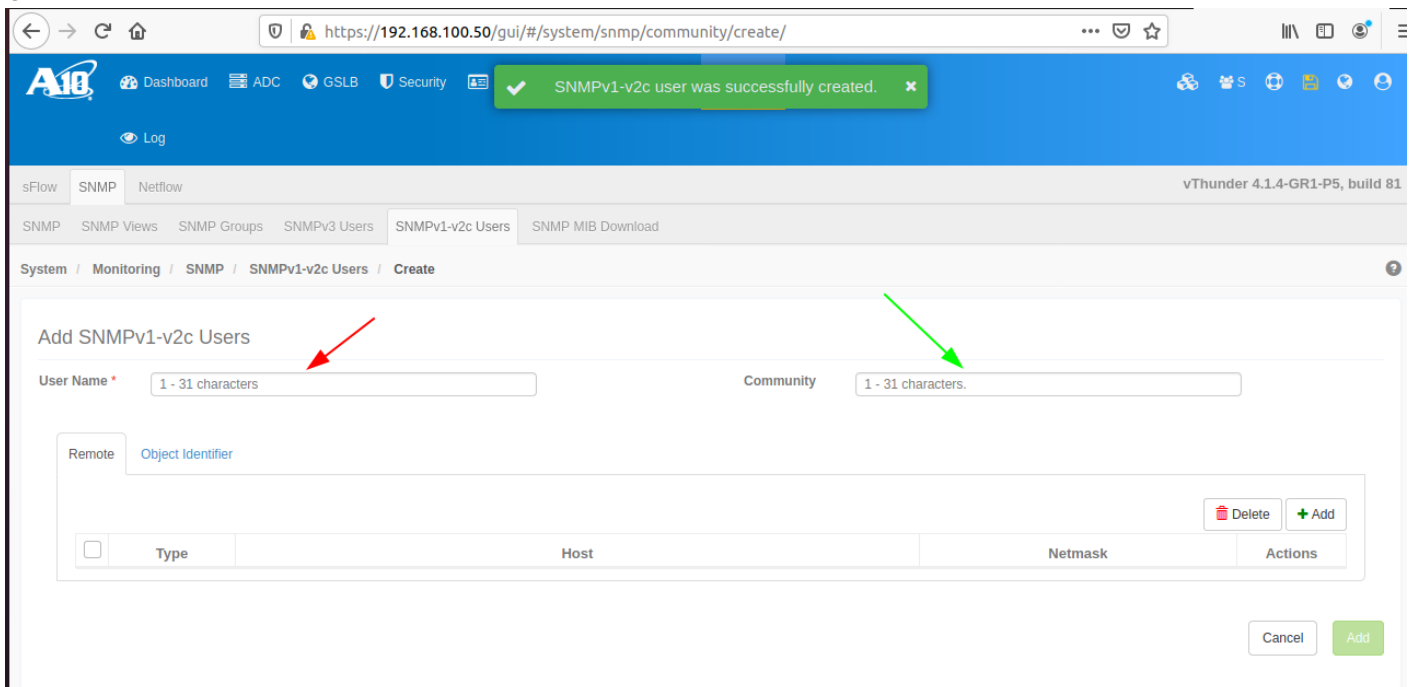
Trap List

Cancel Configure SNMP

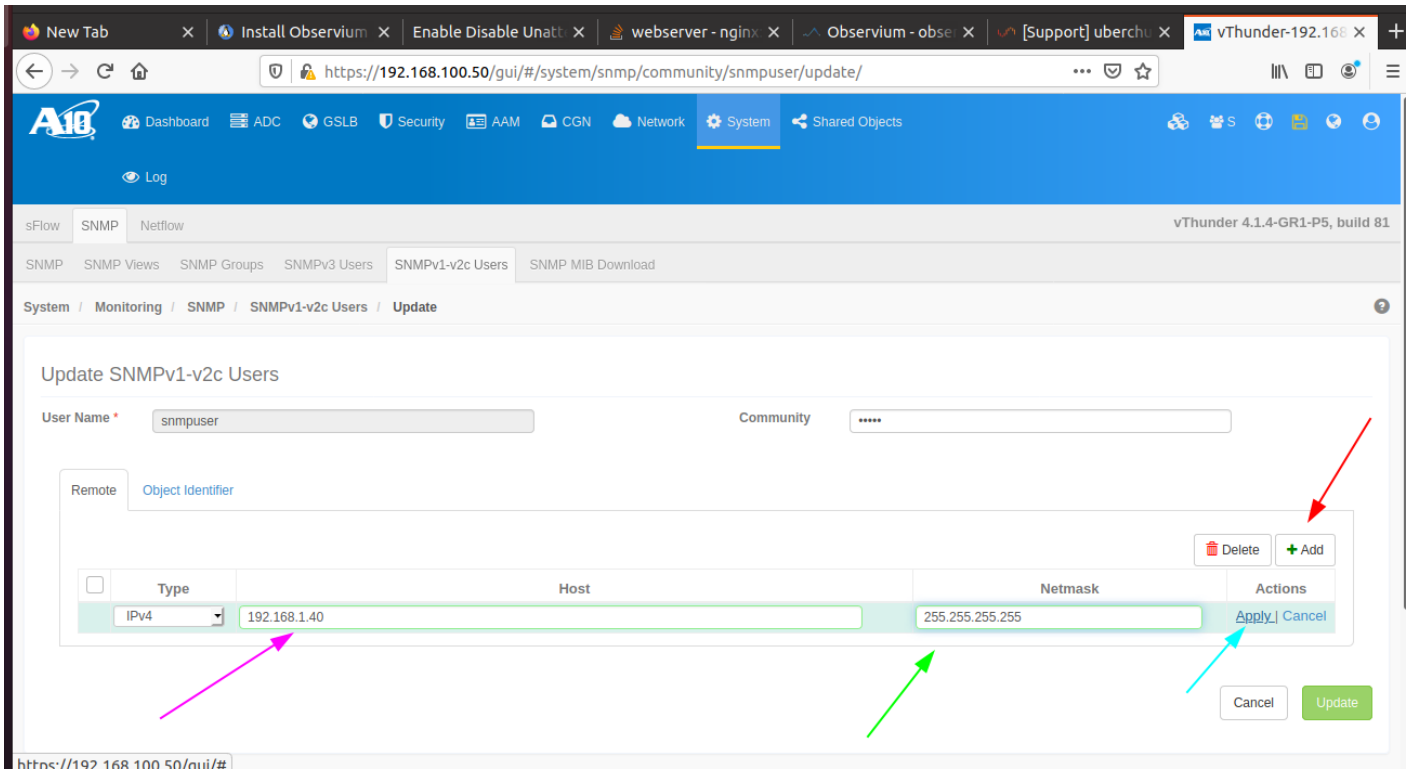
5.



6.



7.



Cli çıktısı

```
A10>en
Password:
A10#conf t
A10(config)#snmp-server enable service
A10(config)#snmp-server contact mesut@mikronet.net
A10(config)#snmp-server location "umraniye, ISTANBUL, TURKEY"
A10(config)#snmp-server SNMPv1-v2c user snmpuser
      community read encrypted 9l28n0jCuUrjJAmSihG94jwQjLjV2wDnPBcMuNXbA0c8EIy41dsA5zwQjLjV2wDn
      remote 192.168.1.40 255.255.255.255
A10(config)#snmp-server host 192.168.1.40 version v2c 12qwasZX
A10(config)#exit
```

SNMPv3 tan?m?

Management ve Production ayrı? vlan ise...

Management/yönetim ip adresine verdiğiniz subnet ile Production/çalışma alanına verdiğiniz blok aynı olamaz, bu durumda, "Partition" adını verdiğimiz bir sanal bölünme üretmek zorundayız bunun

için

```
A10>conf t
SSL-I>en
Password:
A10#conf t
A10(config)#partition PROD 1 ADC
A10(config)#active-partition PROD
A10[PROD](config)#normal config ...
A10#exit
```

Revision #1

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