

# Genel Network tanımları

## Network tanımları

### Hostname tanımı

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

### Management interface için ip adres tanımı

```
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 tanımı

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

## bize göre Trunk, tagged yada untagged port tanımı

```
A10>conf t
SSL-l>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 tanımı

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 tanımı da yapabiliriz bunun için aşağıdaki konfig yeterlidir.

```
A10>conf t
SSL-l>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 tanımları

```
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 çalıştırılacak kontrol uygulamaları çalıştırma

```
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 tanımı (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

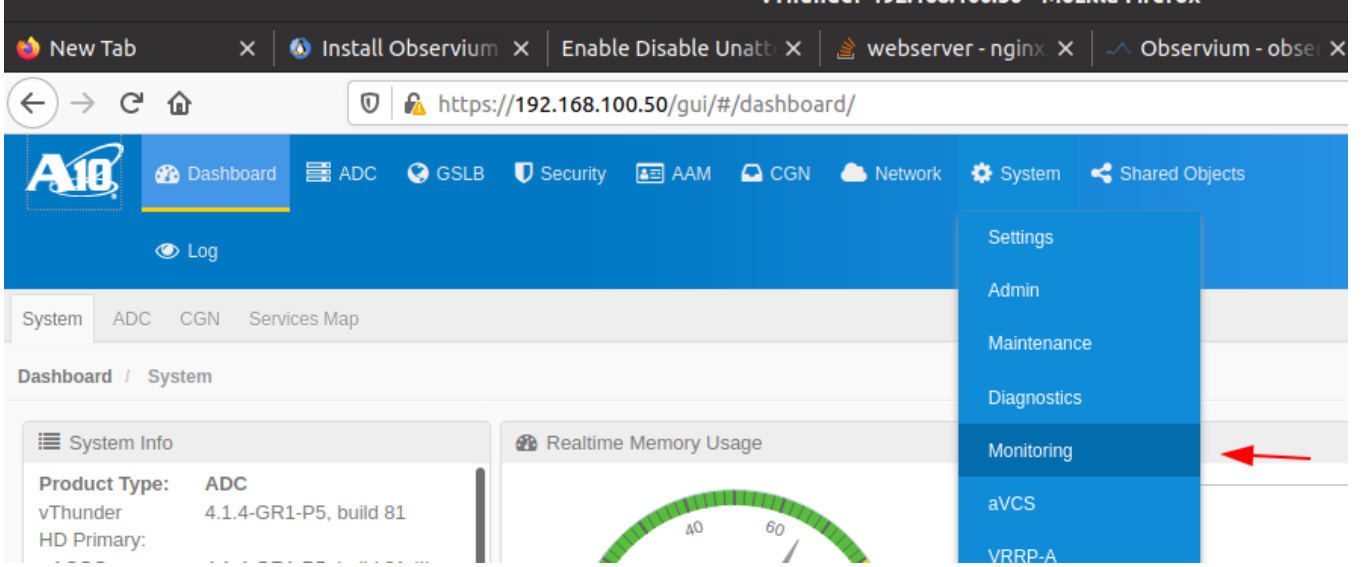
A10(config)#ip default-gateway 10.34.0.1

!

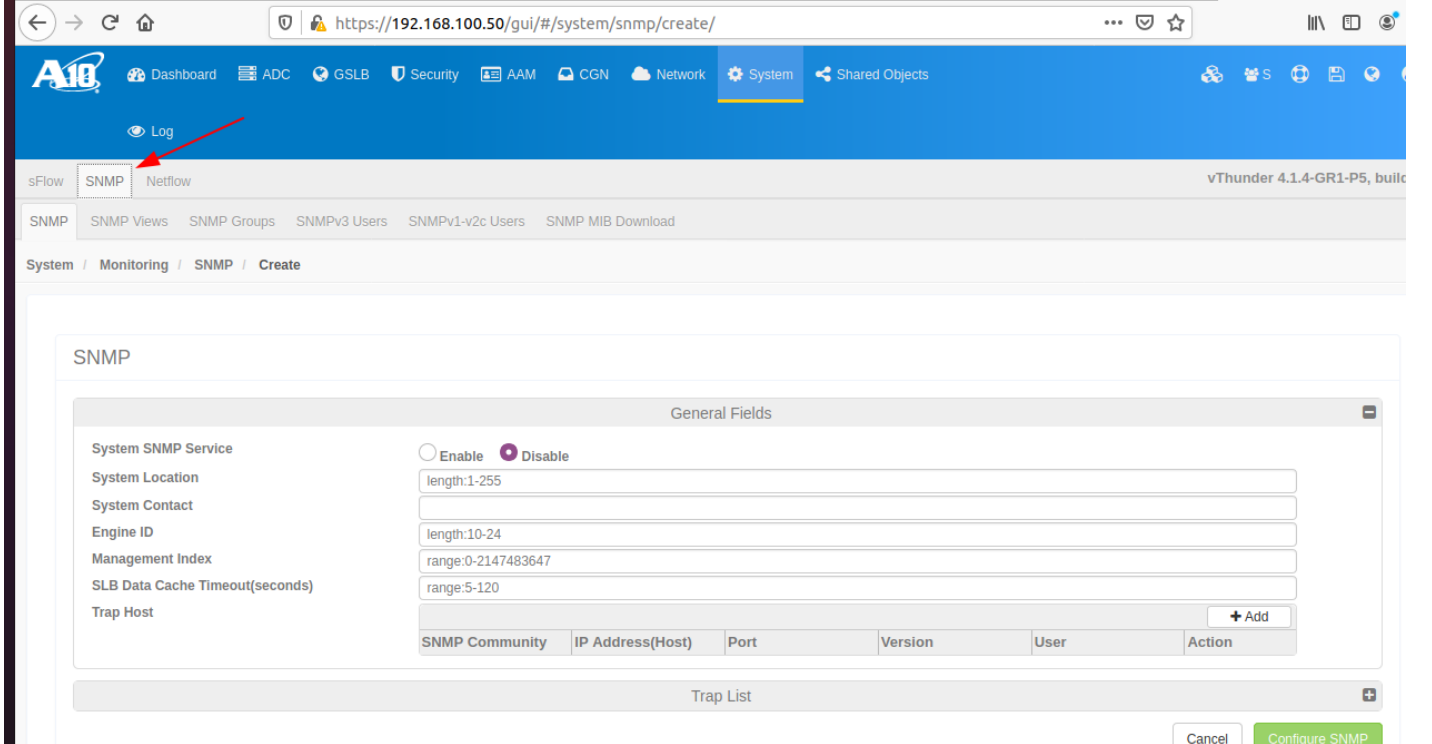
# SNMPv2 tanımı

Gui üzerinden konfigürasyon metodu;

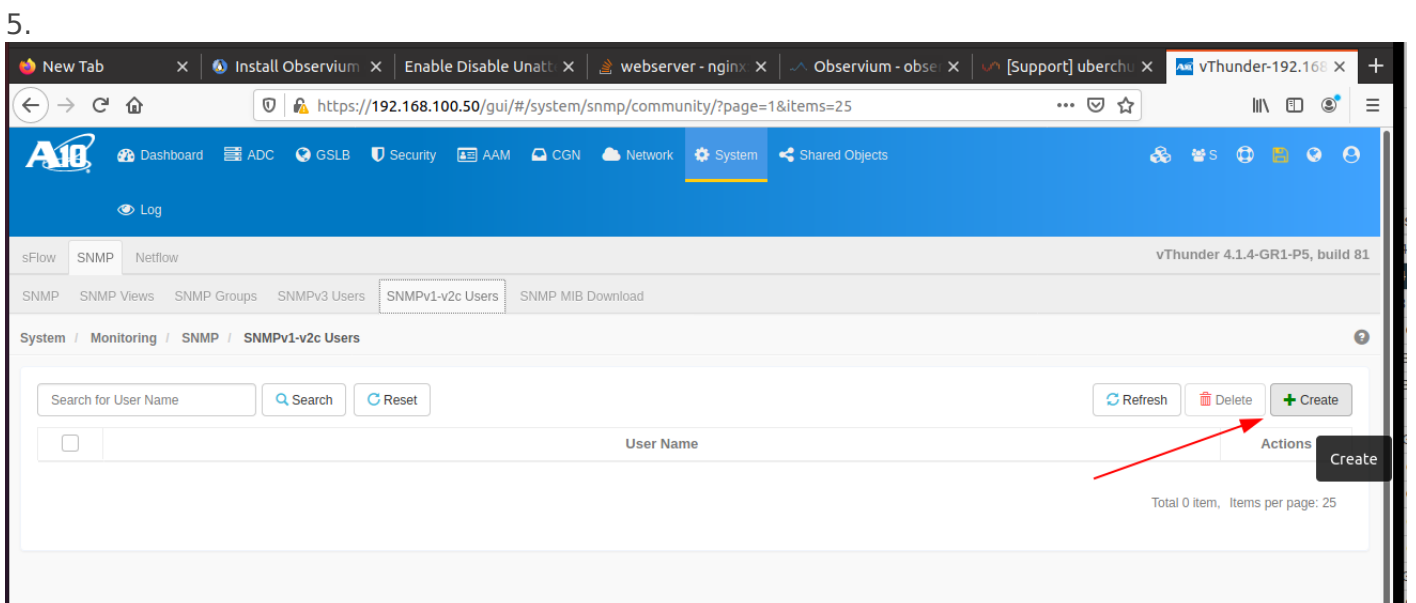
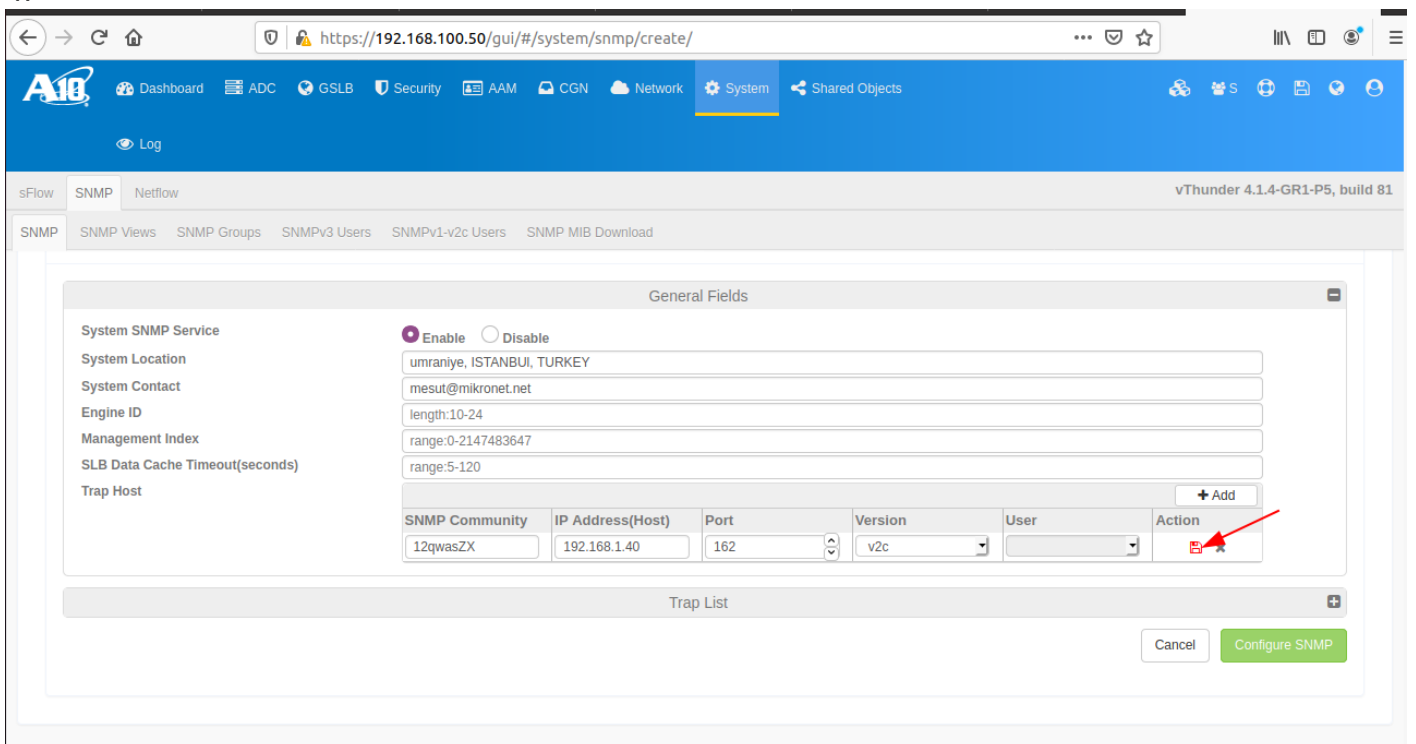
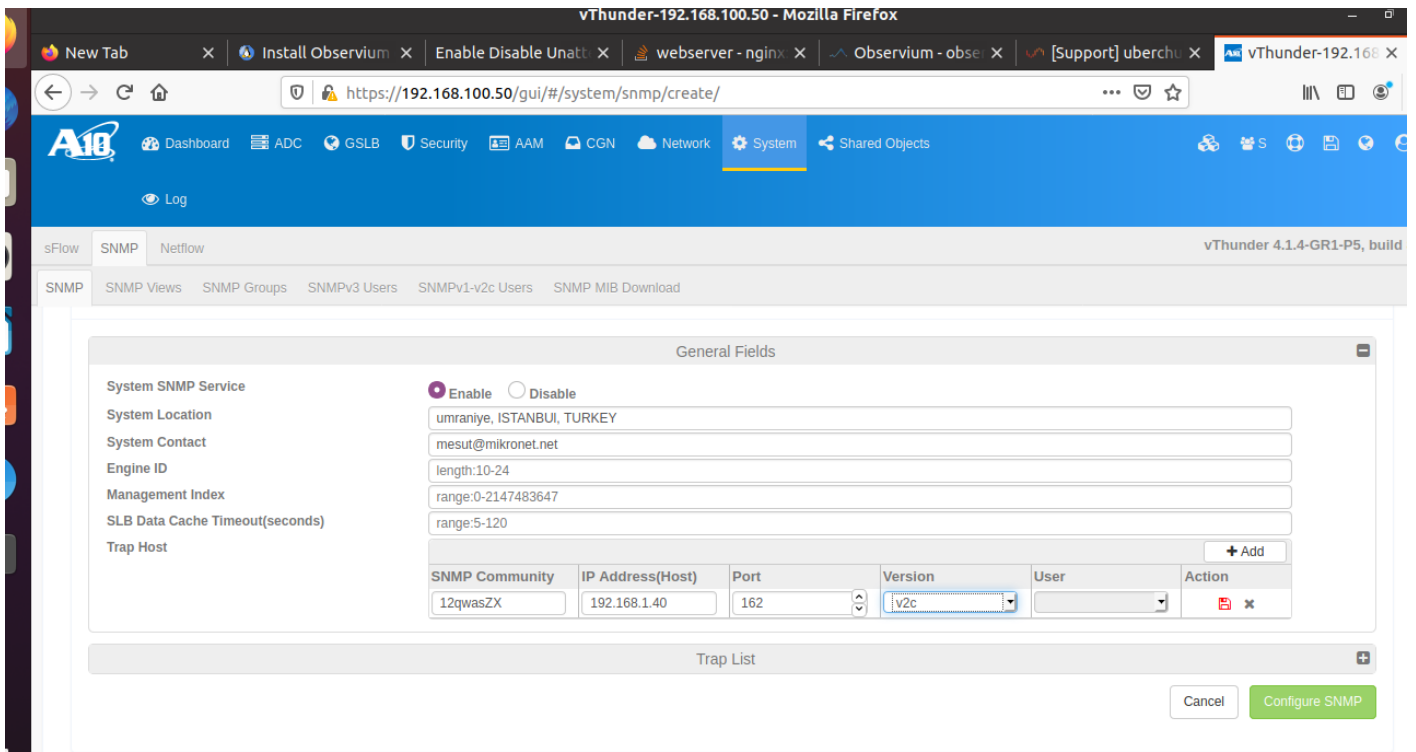
## 1. Ana menüden system/monitoring



## 2.



## 3.



6.

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

Dashboard ADC GSLB Security ✓ SNMPv1-v2c user was successfully created. x

Log

sFlow SNMP Netflow vThunder 4.1.4-GR1-P5, build 81

SNMP SNMP Views SNMP Groups SNMPv3 Users SNMPv1-v2c Users SNMP MIB Download

System / Monitoring / SNMP / SNMPv1-v2c Users / Create

Add SNMPv1-v2c Users

User Name \* 1 - 31 characters Community 1 - 31 characters.

Remote Object Identifier

Delete + Add

Type	Host	Netmask	Actions
<input type="checkbox"/>			

Cancel Add

7.

https://192.168.100.50/gui/#/system/snmp/community/snmpuser/update/

Dashboard ADC GSLB Security AAM CGN Network System Shared Objects

Log

sFlow SNMP Netflow vThunder 4.1.4-GR1-P5, build 81

SNMP SNMP Views SNMP Groups SNMPv3 Users SNMPv1-v2c Users SNMP MIB Download

System / Monitoring / SNMP / SNMPv1-v2c Users / Update

Update SNMPv1-v2c Users

User Name \* snmpuser Community \*\*\*\*\*

Remote Object Identifier

Delete + Add

Type	Host	Netmask	Actions
IPv4	192.168.1.40	255.255.255.255	Apply Cancel

Cancel Update

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 9I28nOjCuUrjJAmSihG94jwQjLjV2wDnPBCMuNXbAOc8Ely41dsA5zwQjLjV2wDn  
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 tanımı

# Management ve Production aynı 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

Created 9 November 2022 13:59:11 by Mesut Bayrak

Updated 9 November 2022 14:01:38 by Mesut Bayrak