



How to Enable HTTP on Campus Switch

How to Enable HTTP on Campus Switch

Preparation

1. Enterprise Campus Switch:

Access Switch	Aggregation Switch	Core Switch
DS-3E2510P-H	DS-3E3728-H	DS-3E7803M
DS-3E2528-H	DS-3E3728F-H	DS-3E7806
DS-3E2528P-H	DS-3E3752-H	
DS-3E2552-H		

2. Console Cable

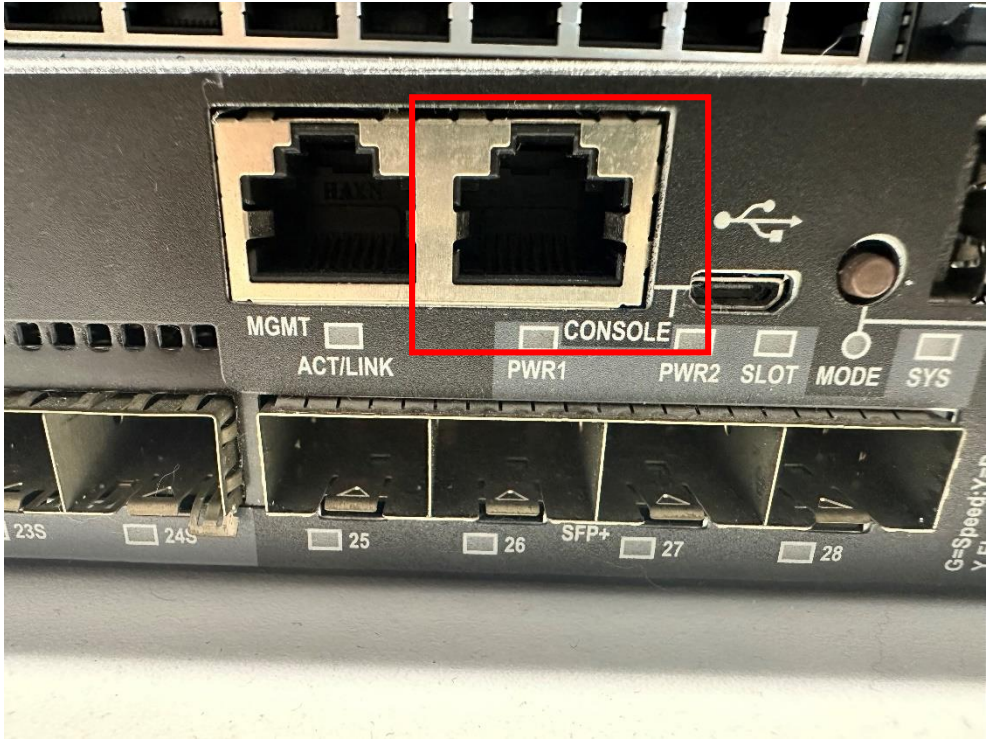


3. Tools: Putty, SecureCRT, or etc.

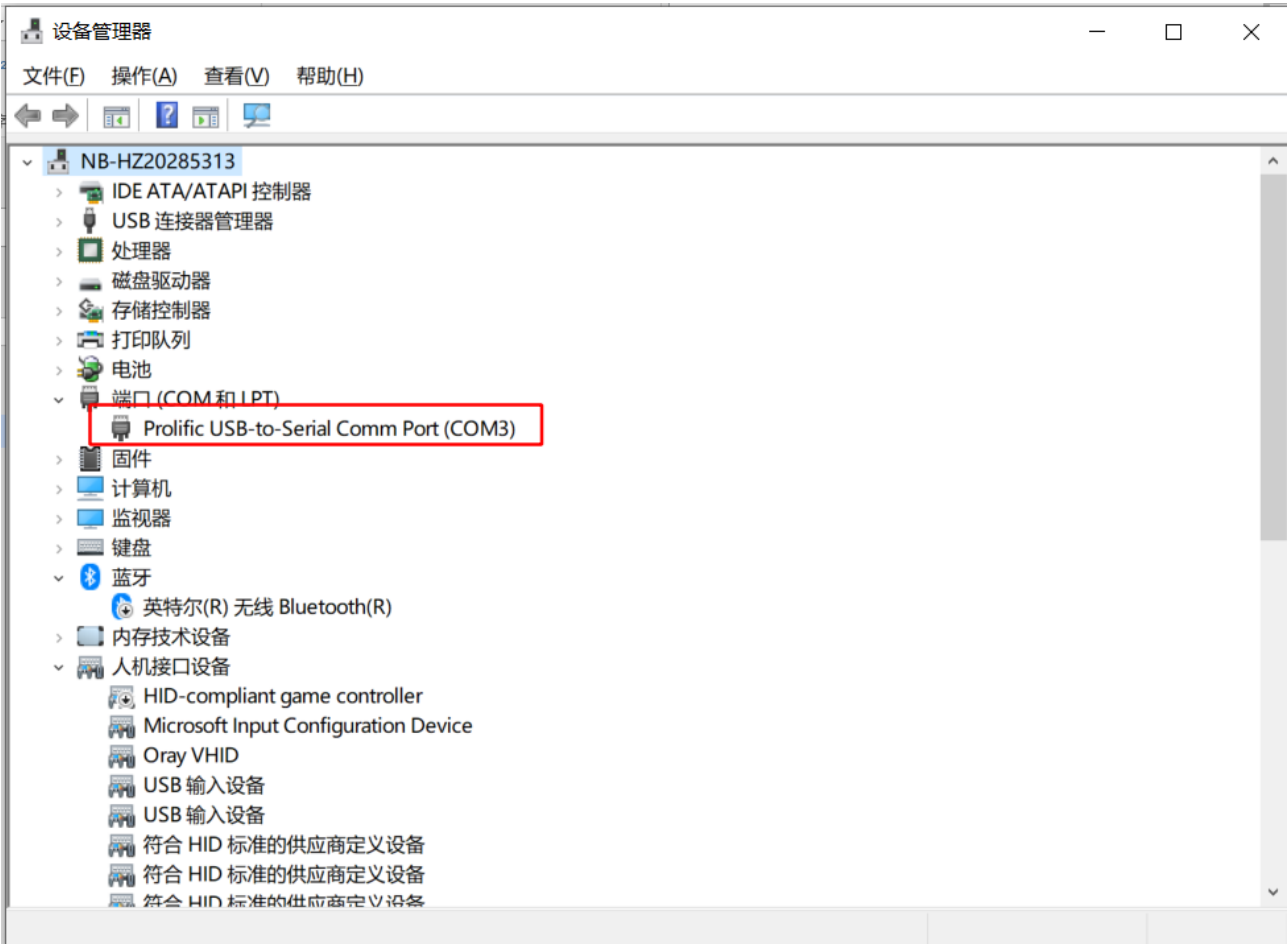
Connect to Console Port

Connect to the Console Port by Console cable.

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Open the Device Management, and check the number of COM port.



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Remote Tools

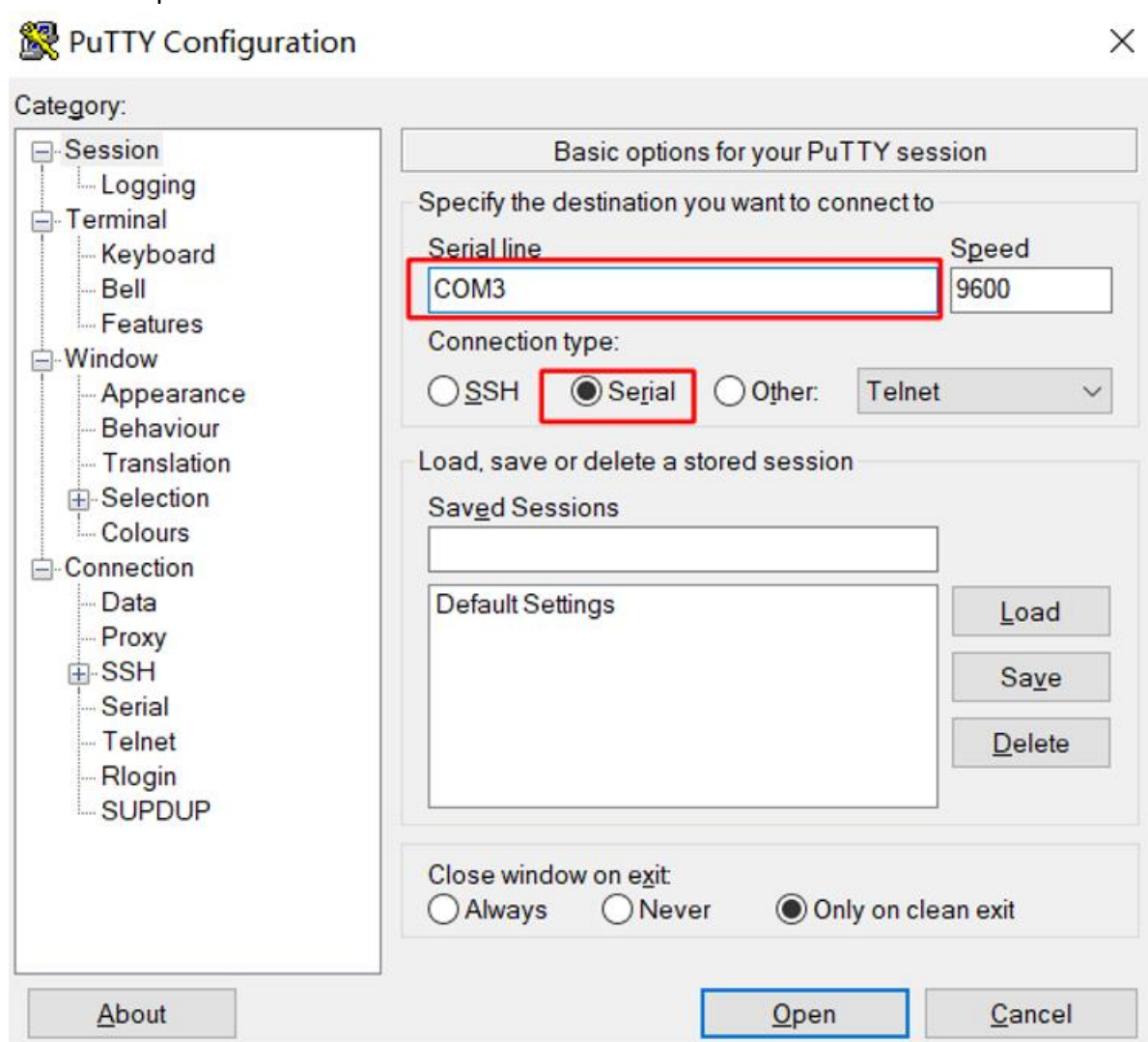
Open the **Putty**. Change the parameters:

Select the connection type: **Serial**;

Serial Line: input the number of COM port; for example, COM3;

Speed: **9600**;

Click the “Open”.



Click the “Enter” on the keyboard, enter the user-view “<Hikvision_3728-H>”.

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```

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*****

%Jan 1 02:23:22:005 2021 Hikvision_3728-H SHELL/5/SHELL_LOGIN: TTY logged in from aux0.
<Hikvision_3728-H>

```

Enter the system-view “[Hikvision_3728-H]” by commands “system-view”.

```

Line aux0 is available.

Press ENTER to get started.

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%Jan 1 01:54:13:955 2021 Hikvision_3728-H SHELL/5/SHELL_LOGIN: TTY logged in from aux0.
<Hikvision_3728-H>system-view
System View: return to User View with Ctrl+Z.
[Hikvision 3728-H]

```

NOTICE:

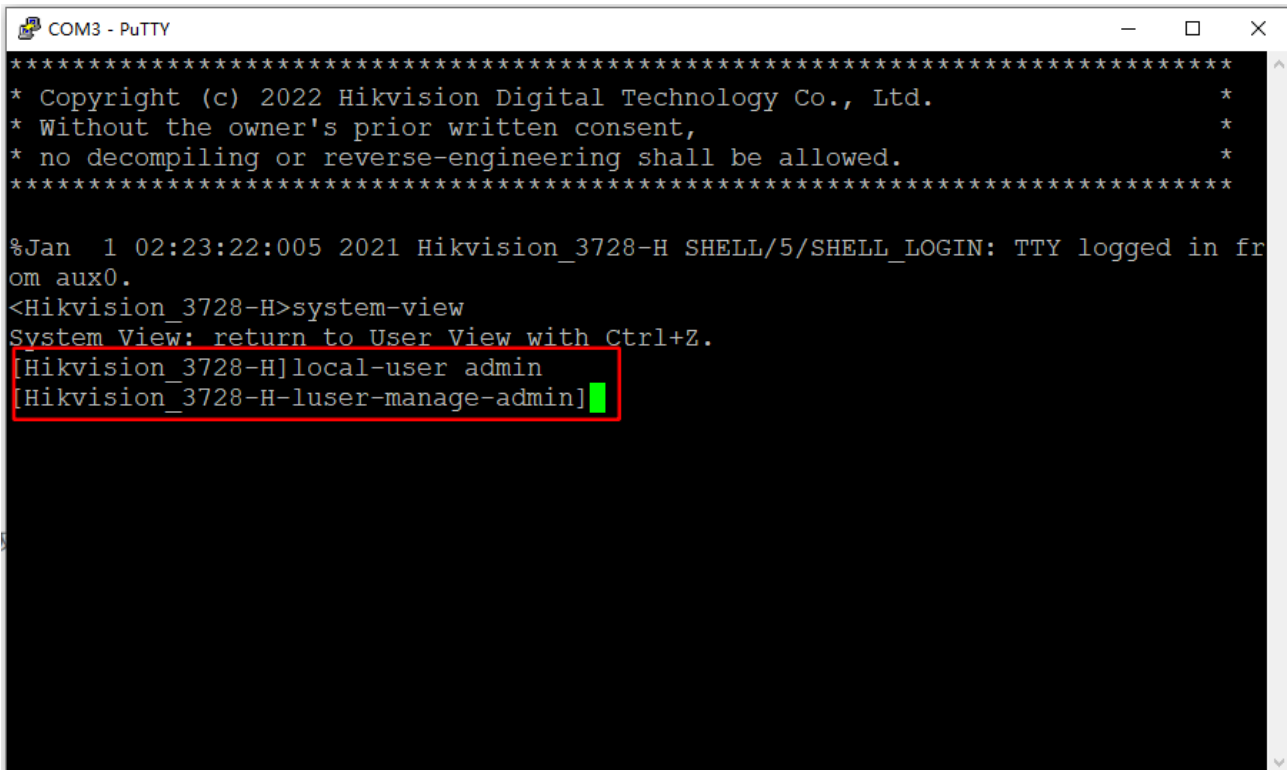
Pressing the **TAB** key can complete the command.
Enter **?** to prompt for subsequent options.

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Configurations

Commands:

local-username admin //create a username, for example admin;



password simple xxxxx //set the password of admin, and it must contain a minimum of 10 characters;

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```

COM3 - PuTTY
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*****

%Jan 1 02:23:22:005 2021 Hikvision_3728-H SHELL/5/SHELL_LOGIN: TTY logged in fr
om aux0.
<Hikvision_3728-H>system-view
System View: return to User View with Ctrl+Z.
[Hikvision_3728-H]local-user admin
[Hikvision_3728-H-luser-manage-admin]password
[Hikvision_3728-H-luser-manage-admin]password simp
[Hikvision_3728-H-luser-manage-admin]password simple ?
  STRING<1-63> Plaintext password string

[Hikvision_3728-H-luser-manage-admin]password simple admin123
The password is too short. It must contain a minimum of 10 characters.
[Hikvision_3728-H-luser-manage-admin]

```

authorization-attribute user-role network-admin

//set the management level;

```

COM3 - PuTTY

[Hikvision_3728-H-luser-manage-admin]auth
[Hikvision_3728-H-luser-manage-admin]authorization-attribute user-role network-a
dmin

```

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Service-type http https

//permit to visit this protocol by this username;

```

COM3 - PuTTY
[Hikvision_3728-H-luser-manage-admin]auth
[Hikvision_3728-H-luser-manage-admin]
[Hikvision_3728-H-luser-manage-admin]service-type
[Hikvision_3728-H-luser-manage-admin]service-type ?
ftp      FTP service
http     HTTP service type
https    HTTPS service type
pad      X.25 PAD service
ssh      Secure Shell service
telnet   Telnet service
terminal Terminal access service

[Hikvision_3728-H-luser-manage-admin]service-type http https

```

Input “quit”, back to the system-view, and then input these commands to enable http https protocol:

ip http enable

ip https enable

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```
COM3 - PuTTY
[Hikvision_3728-H]
[Hikvision_3728-H]
[Hikvision_3728-H]
[Hikvision_3728-H]
[Hikvision_3728-H]
[Hikvision_3728-H]
[Hikvision_3728-H]
[Hikvision_3728-H]
[Hikvision_3728-H]
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[Hikvision_3728-H]
[Hikvision_3728-H]
[Hikvision_3728-H]
[Hikvision_3728-H]
[Hikvision_3728-H]
[Hikvision_3728-H]ip http en
[Hikvision_3728-H]ip http enable
[Hikvision_3728-H]ip https en
[Hikvision_3728-H]ip https enable
[Hikvision_3728-H]
```

display ip interface brief

//Check the IP Address of all VLAN interfaces;

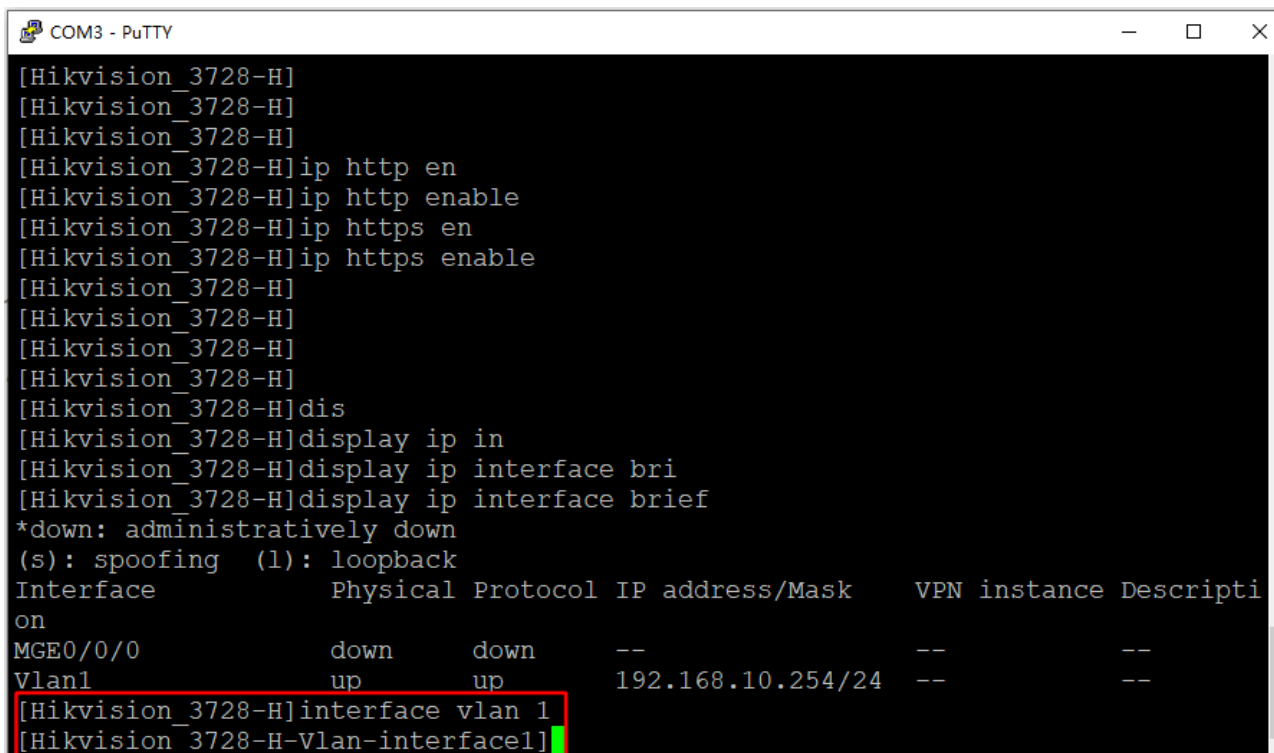
```
COM3 - PuTTY
[Hikvision_3728-H]
[Hikvision_3728-H]
[Hikvision_3728-H]
[Hikvision_3728-H]
[Hikvision_3728-H]ip http en
[Hikvision_3728-H]ip http enable
[Hikvision_3728-H]ip https en
[Hikvision_3728-H]ip https enable
[Hikvision_3728-H]
[Hikvision_3728-H]
[Hikvision_3728-H]
[Hikvision_3728-H]
[Hikvision_3728-H]dis
[Hikvision_3728-H]display ip in
[Hikvision_3728-H]display ip interface bri
[Hikvision_3728-H]display ip interface brief
*down: administratively down
(s): spoofing (l): loopback
Interface      Physical Protocol IP address/Mask  VPN instance Descripti
on
MGE0/0/0      down    down    --              --          --
Vlan1         up      up      192.168.10.254/24 --          --
[Hikvision_3728-H]
```

The VLAN 1 is the management VLAN by default, input these commands to change the IP Address.

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Interface vlan 1

//enter the interface of VLAN 1;



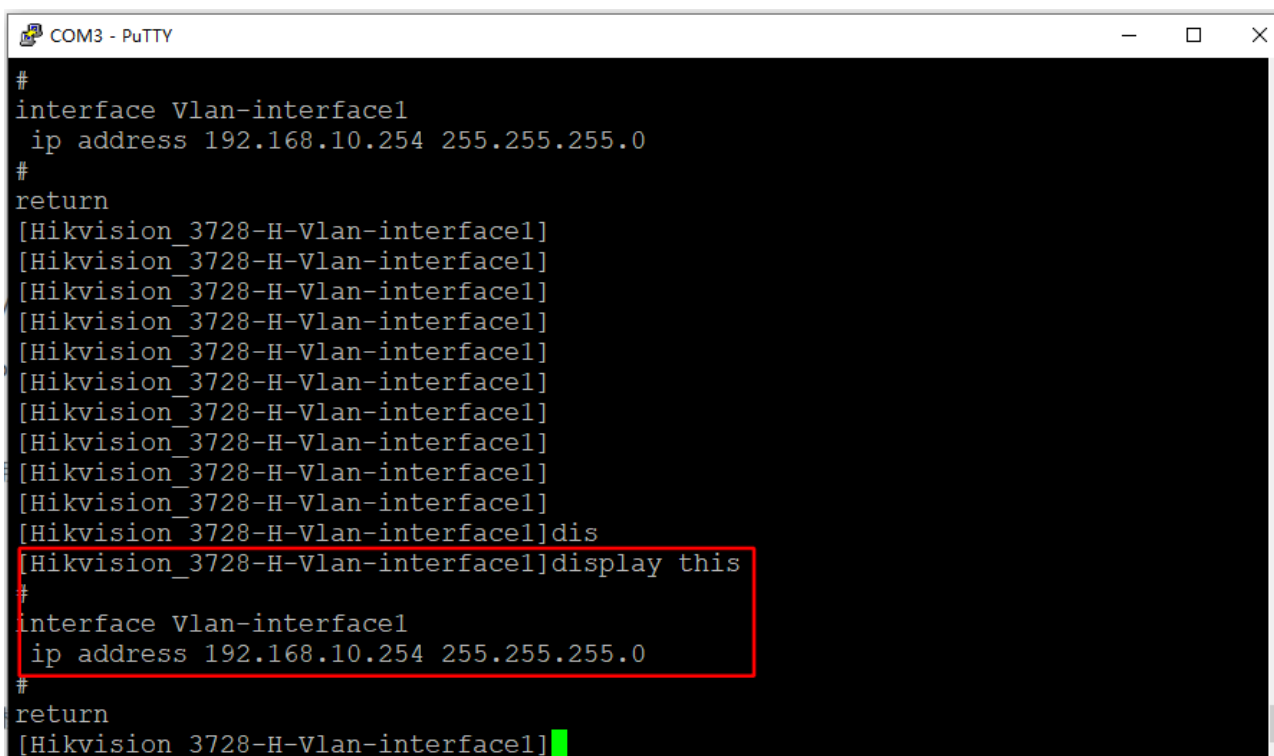
```

COM3 - PuTTY
[Hikvision_3728-H]
[Hikvision_3728-H]
[Hikvision_3728-H]
[Hikvision_3728-H]ip http en
[Hikvision_3728-H]ip http enable
[Hikvision_3728-H]ip https en
[Hikvision_3728-H]ip https enable
[Hikvision_3728-H]
[Hikvision_3728-H]
[Hikvision_3728-H]
[Hikvision_3728-H]dis
[Hikvision_3728-H]display ip in
[Hikvision_3728-H]display ip interface bri
[Hikvision_3728-H]display ip interface brief
*down: administratively down
(s): spoofing (l): loopback
Interface          Physical Protocol IP address/Mask    VPN instance Descripti
on
MGE0/0/0           down    down    --                --          --
Vlan1              up      up      192.168.10.254/24 --          --
[Hikvision_3728-H]interface vlan 1
[Hikvision_3728-H-Vlan-interfacel]

```

display this

//check this view's current configuration;



```

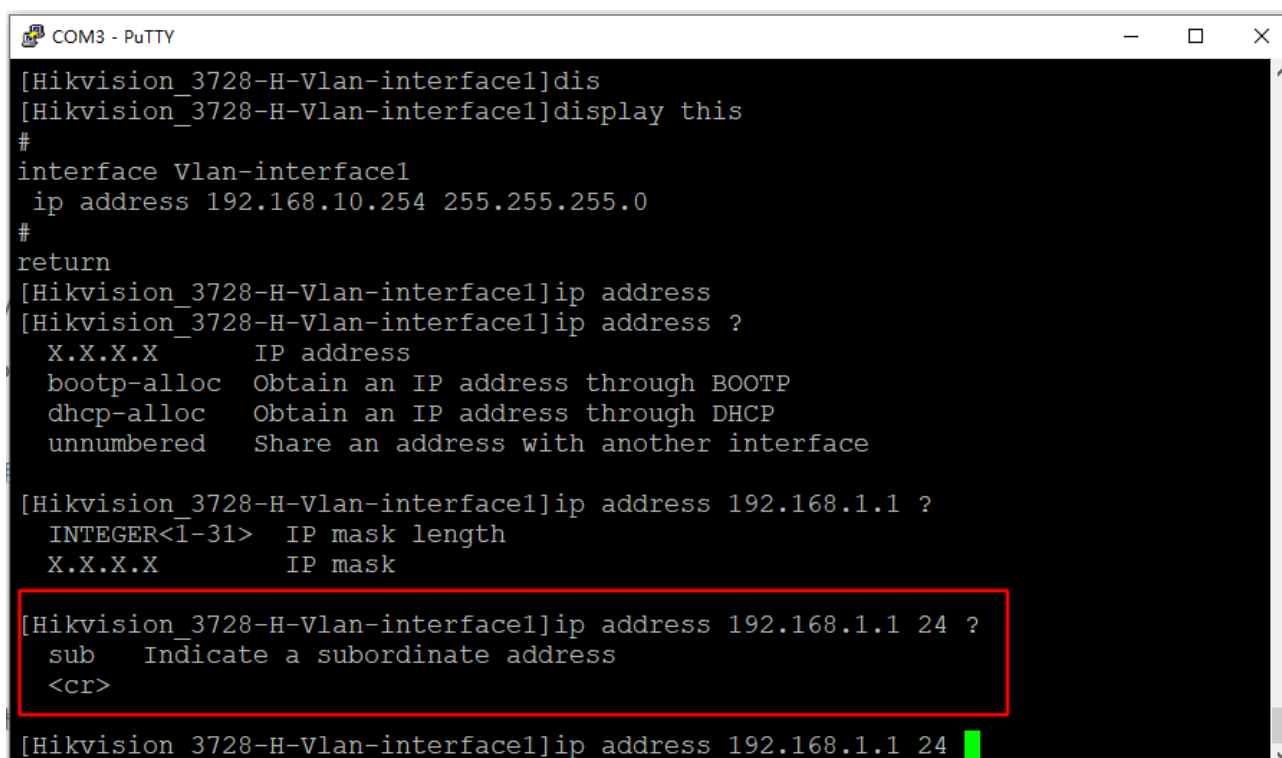
COM3 - PuTTY
#
interface Vlan-interfacel
ip address 192.168.10.254 255.255.255.0
#
return
[Hikvision_3728-H-Vlan-interfacel]
[Hikvision_3728-H-Vlan-interfacel]
[Hikvision_3728-H-Vlan-interfacel]
[Hikvision_3728-H-Vlan-interfacel]
[Hikvision_3728-H-Vlan-interfacel]
[Hikvision_3728-H-Vlan-interfacel]
[Hikvision_3728-H-Vlan-interfacel]
[Hikvision_3728-H-Vlan-interfacel]
[Hikvision_3728-H-Vlan-interfacel]
[Hikvision_3728-H-Vlan-interfacel]
[Hikvision_3728-H-Vlan-interfacel]dis
[Hikvision_3728-H-Vlan-interfacel]display this
#
interface Vlan-interfacel
ip address 192.168.10.254 255.255.255.0
#
return
[Hikvision_3728-H-Vlan-interfacel]

```

ip address *destination address + mask length*

//change the IP Address of VLAN1;

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```

COM3 - PuTTY
[Hikvision_3728-H-Vlan-interface1]dis
[Hikvision_3728-H-Vlan-interface1]display this
#
interface Vlan-interface1
ip address 192.168.10.254 255.255.255.0
#
return
[Hikvision_3728-H-Vlan-interface1]ip address
[Hikvision_3728-H-Vlan-interface1]ip address ?
  X.X.X.X      IP address
  bootp-alloc  Obtain an IP address through BOOTP
  dhcp-alloc   Obtain an IP address through DHCP
  unnumbered   Share an address with another interface

[Hikvision_3728-H-Vlan-interface1]ip address 192.168.1.1 ?
  INTEGER<1-31> IP mask length
  X.X.X.X      IP mask

[Hikvision_3728-H-Vlan-interface1]ip address 192.168.1.1 24 ?
  sub      Indicate a subordinate address
  <cr>

[Hikvision_3728-H-Vlan-interface1]ip address 192.168.1.1 24

```

Save Configuration

Quit to the system-view, input “save force”.

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```
COM3 - PuTTY

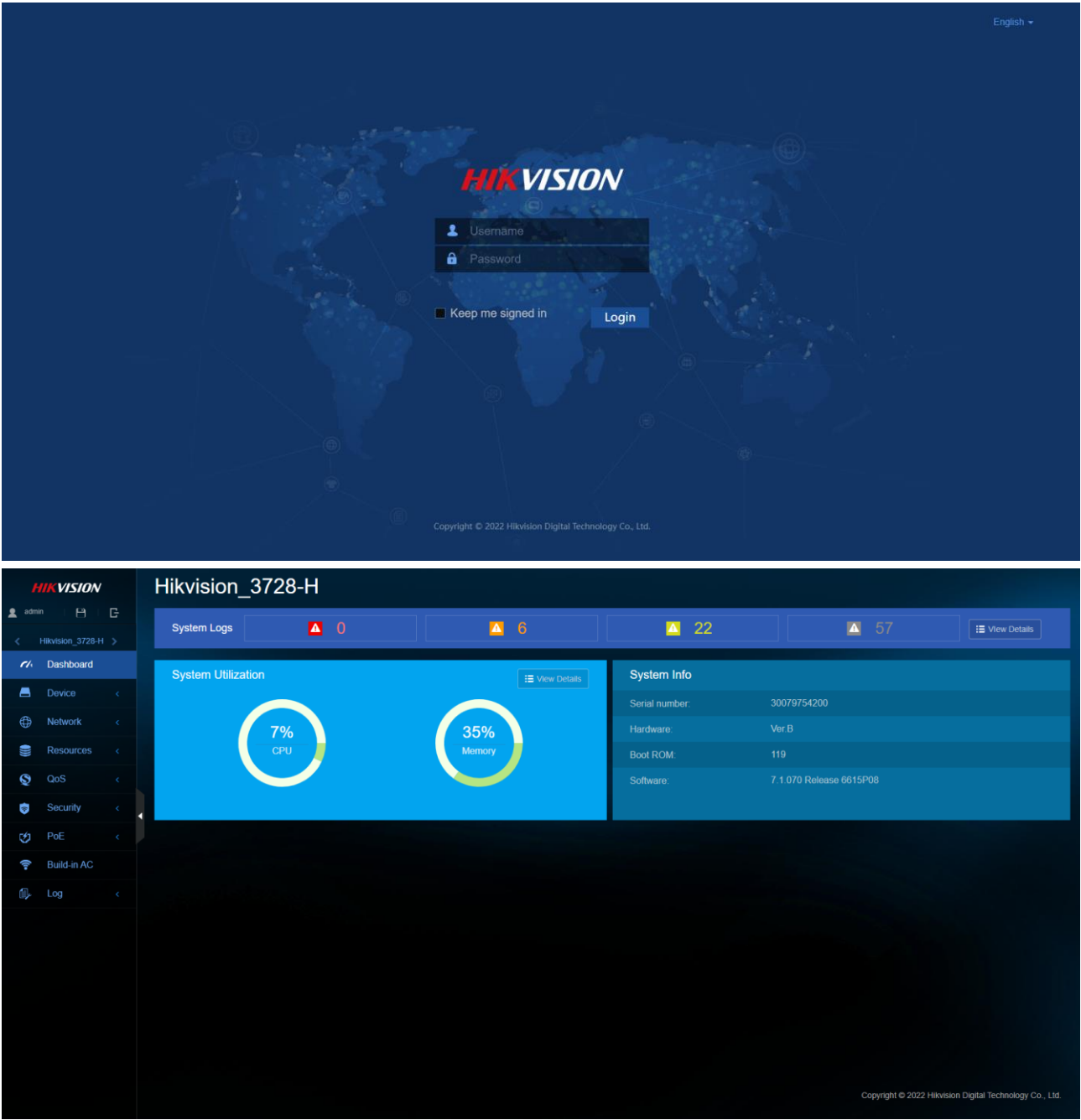
[Hikvision_3728-H-Vlan-interface1]ip address 192.168.1.1 24 ?
sub    Indicate a subordinate address
<cr>

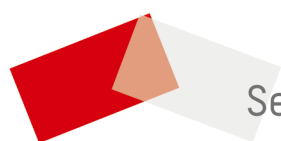
[Hikvision_3728-H-Vlan-interface1]quit
[Hikvision_3728-H]save
[Hikvision_3728-H]save ?
  STRING      [drive][path][file name]
  backup      Backup configuration file
  changed     Save running configuration only when the configuration is
              changed
  flash:      Device name
  force       Save current configuration without any user interaction
  main        Main configuration file
  safely      Save current configuration safely
  slot1#flash: Device name
<cr>

[Hikvision_3728-H]save force
Validating file. Please wait...
Saved the current configuration to mainboard device successfully.
[Hikvision_3728-H]
```

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Login the Web page





See Far, Go Further