

Vigor switch P2280x 設定 2 段路由設定

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登入 P2280x

DrayTek

VigorSwitch P2280x

Login

User

Password

Login

預設P2280x的IP為DHCP Client.

登入的帳號密碼為admin

設定 P2280x 固定 IP 位址

The screenshot displays the DrayTek VigorSwitch P2280x web management interface. The top navigation bar is red and contains the DrayTek logo on the left, the device name 'VigorSwitch P2280x' on the right, and a status area with 'Auto Logout : 3 min', 'Admin' user, and the time '13:06:24'. A left sidebar lists various configuration options, with 'Management IP/VLAN' highlighted in red. The main content area shows the breadcrumb 'Switch LAN > General Setup > Management IP/VLAN > Management IP/VLAN' and a sub-tab for 'Management IP/VLAN'. Below this, a dark grey bar indicates the 'IPv4' configuration section. The 'Mode' is set to 'Static' (selected with a blue radio button) and 'DHCP' (unselected with a grey radio button). A red note reads '請依需求設定IP位址(P2280x)'. The configuration fields are as follows:

| Field | Value |
|--------------|-------------------------|
| Mode | Static (selected), DHCP |
| IP Address | 192.168.254.51 |
| Subnet Mask | 255.255.255.0 |
| Gateway | 192.168.254.254 |
| DNS Server 1 | 8.8.8.8 |
| DNS Server 2 | 1.1.1.1 |

At the bottom of the configuration area, a dark grey bar indicates the 'IPv6' section.

設定 VLAN ID 多少段加多少個

DrayTek VigorSwitch P2280x

Auto Logout : Admin P2280x 13:14:10

Dashboard
Status
Switch LAN
General Setup
Port Setting
Mirror
Link Aggregation
VLAN Management
Create Vlan
Interface Settings
Voice VLAN
MAC VLAN
Protocol VLAN
Surveillance VLAN

Switch LAN > VLAN Management > Create Vlan > Create VLAN

Create VLAN

Action: Add Delete

VLAN ID:

VLAN Name:

Apply 請依需求設定
如需要2段請加設2個
default為預設管理用無法設定區段

| VLAN ID | VLAN Name | VLAN Type | Modify |
|---------|-----------|-----------|--------|
| 1 | default | Default | |
| 2 | vlan2 | Static | |
| 3 | Vlan3 | Static | |

啟動 VLAN Routing

DrayTek

VigorSwitch P2280x

Auto Logout : Off

Admin

P2280x

13:26:54

Dashboard

Status

Switch LAN

ONVIF Surveillance

Vlan Routing

Property

Interface Setting

Static Route

Security

ACL

QoS

PoE

Vlan Routing > Property > Global Setting

Global Setting

State:

Enable Disable

Apply

給 VLAN IP 位址

DrayTek

VigorSwitch P2280x

Auto Logout : Off

Admin

P2280x

13:30:10



- Dashboard
- Status
- Switch LAN
- ONVIF Surveillance
- Vlan Routing
- Property
- Interface Setting
- Static Route
- Security
- ACL
- QoS
- PoE
- System Maintenance
- Diagnostics

Vlan Routing > Interface Setting > Interface Settings

Interface Settings

VLAN ID:

Description:

IP Address:

Subnet Mask:

Apply

| VLAN ID | Description | IP/Mask | Modify |
|---------|-------------|------------------------------|--------|
| 2 | LAN2 | 192.168.2.1/255.255.255.0 | |
| 3 | LAN1 | 192.168.254.51/255.255.255.0 | |

設定預設路由和其它路由

DrayTek VigorSwitch P2280x

Auto Logout: Off Admin P2280x 13:33:06

Dashboard | Status | Switch LAN | ONVIF Surveillance | **Vlan Routing** | Property | Interface Setting | **Static Route** | Security | ACL | QoS | PoE | System Maintenance | Diagnostics

Vlan Routing > Static Route > IPv4 Configuration

IPv4 Configuration

Action: Add Delete

Destination IP Address: Default

Subnet Mask:

Next Hop: Gateway Interface

Gateway IP Address:

設定預設路由和其它路由

| No. | Destination IP/Mask | Next Hop | Delete |
|-----|---------------------|-----------------|--------|
| 1 | 0.0.0.0/0.0.0.0 | 192.168.254.254 | |

路由表

DrayTek

VigorSwitch P2280x

Auto Logout : Off

Admin

P2280x

13:39:34



Dashboard

Status

Switch LAN

ONVIF Surveillance

Vlan Routing

Security

ACL

QoS

PoE

System Maintenance

Diagnostics

Diagnostics > Route Table > IPv4 Route Table

IPv4 Route Table

| Type | Destination IP/Mask | Gateway | Interface |
|-----------|-----------------------------|-----------------|-----------|
| Connected | 192.168.2.0/255.255.255.0 | -- | VLAN2 |
| Connected | 192.168.254.0/255.255.255.0 | -- | VLAN3 |
| Default | 0.0.0.0/0.0.0.0 | 192.168.254.254 | VLAN3 |

請依 PORT 需求設定 VLAN

- 可參考 Switch 三種 Port 模式
Access、hybrid、trunk 行為模式文章

<https://weihanit.wordpress.com/2017/07/27/switch%E4%B8%89%E7%A8%AEport%E6%A8%A1%E5%BC%8Faccess%E3%80%81hybrid%E3%80%81trunk%E8%A1%8C%E7%82%BA%E6%A8%A1%E5%BC%8F/>

第 1PORT 設定接上層設備

DrayTek

VigorSwitch P2280x

Auto Logout : Off

Admin

P2280x

13:21:03



Dashboard

Status

Switch LAN

General Setup

Port Setting

Mirror

Link Aggregation

VLAN Management

Create Vlan

Interface Settings

Voice VLAN

MAC VLAN

Protocol VLAN

Surveillance VLAN

Switch LAN > VLAN Management > Interface Settings > Interface Settings

Interface Settings

Port Select:

GE1

Interface VLAN Mode:

Hybrid Access Trunk Tunnel

PVID:

3

(1 - 4094)

Accepted Type:

All Tag Only Untag Only

Ingress Filtering:

Enable Disable

Tagged VLAN:

Nothing selected

Untagged VLAN:

default(1), vlan2(2), Vlan3(3)

Forbidden VLAN:

Nothing selected

Apply

第 24PORT 設定接第二段下層

DrayTek VigorSwitch P2280x

Auto Logout :

Switch LAN > VLAN Management > Interface Settings > Interface Settings

Interface Settings

Port Select:

Interface VLAN Mode: Hybrid Access Trunk Tunnel

PVID: (1 - 4094)

Accepted Type: All Tag Only Untag Only

Ingress Filtering: Enable Disable

Tagged VLAN:

Untagged VLAN:

Forbidden VLAN:

Uplink TPID: Enable

測試接於 24PORT 的 IP:192.168.2.99 電腦

```
Microsoft Windows [版本 10.0.17763.1282]  
(c) 2018 Microsoft Corporation. 著作權所有，並保留一切權利。  
C:\Users\chi>ping 192.168.254.51 Port 1 IP  
  
Ping 192.168.254.51 (使用 32 位元組的資料):  
回覆自 192.168.254.51: 位元組=32 時間<1ms TTL=64  
  
192.168.254.51 的 Ping 統計資料:  
封包: 已傳送 = 4, 已收到 = 4, 已遺失 = 0 (0% 遺失),  
大約的來回時間 (毫秒):  
最小值 = 0ms, 最大值 = 0ms, 平均 = 0ms  
  
C:\Users\chi>ping 192.168.2.1 Port 24 IP  
  
Ping 192.168.2.1 (使用 32 位元組的資料):  
回覆自 192.168.2.1: 位元組=32 時間=3ms TTL=64  
回覆自 192.168.2.1: 位元組=32 時間=2ms TTL=64  
回覆自 192.168.2.1: 位元組=32 時間=2ms TTL=64  
回覆自 192.168.2.1: 位元組=32 時間=2ms TTL=64  
  
192.168.2.1 的 Ping 統計資料:  
封包: 已傳送 = 4, 已收到 = 4, 已遺失 = 0 (0% 遺失),  
大約的來回時間 (毫秒):  
最小值 = 2ms, 最大值 = 3ms, 平均 = 2ms  
  
C:\Users\chi>ping 192.168.2.99 PC IP  
  
Ping 192.168.2.99 (使用 32 位元組的資料):  
回覆自 192.168.2.99: 位元組=32 時間=4ms TTL=127  
回覆自 192.168.2.99: 位元組=32 時間=2ms TTL=127  
回覆自 192.168.2.99: 位元組=32 時間=2ms TTL=127  
回覆自 192.168.2.99: 位元組=32 時間=2ms TTL=127  
  
192.168.2.99 的 Ping 統計資料:  
封包: 已傳送 = 4, 已收到 = 4, 已遺失 = 0 (0% 遺失),  
大約的來回時間 (毫秒):  
最小值 = 2ms, 最大值 = 4ms, 平均 = 2ms
```

@LINE



@Line裕笠科技
@xat.0000132120.jmw



如果您有任何的問題

- 感謝您 !!
- 如果您有任何的問題
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