

https://www.ssi.gouv.fr/uploads/2018/08/guide_802.1x_anssi_pa_043_v1.pdf

<https://www.networklife.net/2010/07/assignation-dynamique-de-vlan-avec-dot1x/>

snippet.bash

```
!  
! Last configuration change at 03:23:04 UTC Mon Mar 1 1993  
!  
version 15.0  
no service pad  
service timestamps debug datetime msec  
service timestamps log datetime msec  
no service password-encryption  
!  
hostname LENNYESTMOCHE  
!  
boot-start-marker  
boot-end-marker  
!  
!  
aaa new-model  
!  
!  
aaa authentication dot1x default group radius  
aaa authorization network default group radius  
aaa session-id common  
system mtu routing 1500  
!  
!  
!  
!  
dot1x system-auth-control  
!  
!  
!  
!  
spanning-tree mode pvst  
spanning-tree extend system-id  
!  
vlan internal allocation policy ascending  
interface FastEthernet0/1  
    switchport mode access  
    authentication event fail action authorize vlan 254  
    authentication event no-response action authorize vlan 254  
    authentication port-control auto  
    dot1x pae authenticator  
!  
interface GigabitEthernet0/1
```

```
switchport mode access
spanning-tree portfast
!
interface GigabitEthernet0/2
!
interface Vlan1
 ip address dhcp
!
interface Vlan2
 ip address 172.16.12.1 255.255.255.0
!
interface Vlan3
 ip address 172.16.13.1 255.255.255.0
!
interface Vlan4
 ip address 172.16.14.1 255.255.255.0
!
 ip http server
 ip http secure-server
 radius-server host 10.192.43.101 auth-port 1812 acct-port 1813 key
 Not24get
!
!
!
!
line con 0
line vty 5 15
!
end
```

Le client, connecté à l'un des ports Ethernet, doit fonctionner correctement : il s'authentifie (logs visible dans l'événement viewer windows) et se voit attribuer une IP depuis le serveur DHCP de Windows ● Debug Windows : ● eventvwr.msc (Observateur d'événements) → Affichages personnalisés → Rôles de serveurs → Services de stratégie et d'accès réseau ● Debug switch : ● show dot1x all summary ● show dot1x all count ● show dot1x all details ● show dot1x all statistics ● show dot1x interface ... ● show authentication...

From: <https://wiki.stoneset.fr/> - stoneset - documentations

Permanent link: <https://wiki.stoneset.fr/doku.php?id=wiki:network:802.1x.explanation&rev=1671022708>

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