

Documents Nécessaires pour E5

- Fichier de conf Routeur

```
- hostname R1
- !
- boot-start-marker
- boot-end-marker
- !
- !
- vrf definition Mgmt-intf
- !
- address-family ipv4
- exit-address-family
- !
- address-family ipv6
- exit-address-family
- !
- enable secret 5 $1$xQ/b$h.2Vssrb4clhgGEEVhuW1/
- !
- no aaa new-model
- !
- ip name-server 172.16.0.1 8.8.8.8 172.16.0.9
- ip domain name assurmer.fr
- ip admission watch-list expiry-time 0
- !
- !
- !
- subscriber templating
- multilink bundle-name authenticated
- !
- !
- !
- crypto pki trustpoint TP-self-signed-2561913684
- enrollment selfsigned
- subject-name cn=IOS-Self-Signed-Certificate-2561913684
- revocation-check none
- rsakeypair TP-self-signed-2561913684
- !
- !
- crypto pki certificate chain TP-self-signed-2561913684
- certificate self-signed 01
```

- 30820330 30820218 A0030201 02020101 300D0609 2A864886
F70D0101 05050030

- 31312F30 2D060355 04031326 494F532D 53656C66 2D536967
6E65642D 43657274

- 69666963 6174652D 32353631 39313336 3834301E 170D3233
30393132 31333135

- 31375A17 0D333030 31303130 30303030 305A3031 312F302D
06035504 03132649

- 4F532D53 656C662D 5369676E 65642D43 65727469 66696361
74652D32 35363139

- 31333638 34308201 22300D06 092A8648 86F70D01 01010500
0382010F 00308201

- 0A028201 0100A8A2 DB0706DE 949E126B F058F78A 872FC37C
42C8801F 133818B7

- 192CE697 F4D9ADE6 65E305A2 7BA8FBCC 6CC2D78F 3D3148B1
E62877F8 19A1469D

- 35E1DD38 2F7D1834 67B8134F 25B95F40 83EA9031 3308C146
3251D326 33B71D94

- 0E90AD64 B15F9320 3B4B4A16 5652AA1A 4FB6554A E6FE2168
023524D8 4F919028

- A48718D8 DD3EE629 60191671 122A4BE7 46FDC66E 8723445A
BDE48F6C 91DB0D54

- B15A3037 A007C15E FD25E9D0 15C1E9FD 1303F6A6 97A4672C
57980741 7E986611

- E6C856E9 2F6513D3 4757324A 6268165F 33087B18 8ABBFA53
8407C691 5EE76635

- 6423B7DF C282E33C 4E3E0FEA C351CBB6 20BA6A68 8076D7EF
AD69F0A0 D03D93FA

- 27848167 75370203 010001A3 53305130 0F060355 1D130101
FF040530 030101FF

- 301F0603 551D2304 18301680 14E39F0F 4D183985 40DD5E86
655B9039 E3310F91

- 71301D06 03551D0E 04160414 E39F0F4D 18398540 DD5E8665
5B9039E3 310F9171

- 300D0609 2A864886 F70D0101 05050003 82010100 425843A7
C8FF8E98 FF0D4E2F

- B538C55E E305BF70 CF1A5928 391C92B4 DA6370CB ABC86345
ABEA3248 4997F8A2

- B1C9DE31 3F164F3E 765D32FF 7754A245 AED50C1C 575E3710
201E0147 2BF3B5F8

```
- F6E18877 C45B583F EE2EF5AD 86E2AE1F E8EF5FD0 6307DFEC
78C3BFE4 5925DAB9
- 89EB5CE0 67B752E8 96AC2948 CF0BCDCC 54FA7AFF 019E921C
FB4F3217 BB789F80
```

```
- 78588D38 86074D61 8915421B 85DA4600 A0B46A87 42C6CB12
EB7DEB9D F572810D
- 8E22BB6E 0907E2FC D0B0E91A C9815539 BD0E3701 5346922E
4C004200 824A7E9B
- 6F4EDE61 8EB4B5FC A3DDBA02 87BACE9E F939DCDA 5555B5D8
CCC73FB4 24B54953
- B5B89790 8F558F7D 5C1888C4 70F55ED1 CEE1BBED
- quit
- !
- license udi pid ISR4321/K9 sn FD0223511L2
- no license smart enable
- diagnostic bootup level minimal
- !
- spanning-tree extend system-id
- !
- !
- !
- username user password 0 password
- !
- redundancy
- mode none
- !
- !
- !
- interface GigabitEthernet0/0/0
- no ip address
- negotiation auto
- !
- interface GigabitEthernet0/0/0.10
- encapsulation dot1Q 10
- ip address 192.168.10.254 255.255.255.0
- ip helper-address 172.16.0.1
- !
- interface GigabitEthernet0/0/0.20
- encapsulation dot1Q 20
- ip address 192.168.20.254 255.255.255.0
```

```
- ip helper-address 172.16.0.1
- !
- interface GigabitEthernet0/0/0.30
- encapsulation dot1Q 30
- ip address 192.168.30.254 255.255.255.0
- ip helper-address 172.16.0.1
```

```
- !
- interface GigabitEthernet0/0/0.40
- encapsulation dot1Q 40
- ip address 192.168.40.254 255.255.255.0
- ip helper-address 172.16.0.1
- !
- interface GigabitEthernet0/0/0.50
- encapsulation dot1Q 50
- ip address 192.168.50.254 255.255.255.0
- ip helper-address 172.16.0.1
- !
- interface GigabitEthernet0/0/0.60
- encapsulation dot1Q 60
- ip address 192.168.60.254 255.255.255.0
- ip helper-address 172.16.0.1
- !
- interface GigabitEthernet0/0/0.70
- encapsulation dot1Q 70
- ip address 192.168.70.254 255.255.255.0
- ip helper-address 172.16.0.1
- !
- interface GigabitEthernet0/0/0.80
- encapsulation dot1Q 80
- ip address 192.168.80.254 255.255.255.0
- ip helper-address 172.16.0.1
- !
- interface GigabitEthernet0/0/0.90
- encapsulation dot1Q 90
- ip address 192.168.90.254 255.255.255.0
- ip helper-address 172.16.0.1
- !
- interface GigabitEthernet0/0/0.99
- encapsulation dot1Q 99
- ip address 192.168.0.254 255.255.255.0
```

```
- !
- interface GigabitEthernet0/0/0.110
- encapsulation dot1Q 110
- ip address 172.16.0.254 255.255.255.0
- ip helper-address 172.16.0.1
- !
- interface GigabitEthernet0/0/0.120
- encapsulation dot1Q 120
```

```
- ip address 172.16.120.254 255.255.255.0
- ip helper-address 172.16.0.1
- !
- interface GigabitEthernet0/0/0.201
- encapsulation dot1Q 300
- ip address 172.16.201.254 255.255.255.0
- ip helper-address 172.16.0.1
- !
- interface GigabitEthernet0/0/1
- ip address 10.0.0.1 255.255.255.252
- ip helper-address 172.16.0.1
- negotiation auto
- !
- interface GigabitEthernet0
- vrf forwarding Mgmt-intf
- no ip address
- shutdown
- negotiation auto
- !
- router rip
- version 2
- network 10.0.0.0
- network 172.16.0.0
- network 192.168.0.0
- !
- ip forward-protocol nd
- ip http server
- ip http authentication local
- ip http secure-server
- ip tftp source-interface GigabitEthernet0
- ip route 0.0.0.0 0.0.0.0 10.0.0.2
- !
```

```
- ip ssh version 2
- !
- !
- snmp-server community assurmer R0
- snmp-server enable traps cpu threshold
- snmp-server enable traps syslog
- snmp-server enable traps vtp
- snmp-server host 172.16.0.8 version 2c assurmer
- !
- !
```

```
- control-plane
- !
- !
- line con 0
-   transport input none
-   stopbits 1
- line aux 0
-   stopbits 1
- line vty 0 4
-   login local
-   transport input ssh
- !
- ntp server 172.16.0.1
```

- Fichier de configuration Switch

```
- hostname sw48
- !
- boot-start-marker
- boot-end-marker
- !
- enable secret 5 $1$ID/0$2Rhr6nKdT6L61TCpn8Ceg.
- !
- username user password 0 password
- no aaa new-model
- switch 1 provision ws-c2960x-48ts-1
- !
- !
- ip domain-name assurmer.fr
- !
```

```
- !
- !
- !
- !
- !
- !
- crypto pki trustpoint TP-self-signed-1431988608
- enrollment selfsigned
- subject-name cn=IOS-Self-Signed-Certificate-1431988608
- revocation-check none
- rsakeypair TP-self-signed-1431988608
- !
- !
- crypto pki certificate chain TP-self-signed-1431988608
```

```
- certificate self-signed 01
- 3082022B 30820194 A0030201 02020101 300D0609 2A864886
F70D0101 05050030
- 31312F30 2D060355 04031326 494F532D 53656C66 2D536967
6E65642D 43657274
- 69666963 6174652D 31343331 39383836 3038301E 170D3030
30313236 32303431
- 32305A17 0D323030 31303130 30303030 305A3031 312F302D
06035504 03132649
- 4F532D53 656C662D 5369676E 65642D43 65727469 66696361
74652D31 34333139
- 38383630 3830819F 300D0609 2A864886 F70D0101 01050003
818D0030 81890281
- 8100AAE9 24DF1E63 A6126C3D 563932BB 564C38F2 0D878517
8AB6F766 C9D67226
- F105BC81 AE0AE5D8 42FD57EF 7F297B4A CD60EAF4 29ACA858
70764551 CAAB0BE3
- 09A060E3 6DBC83F3 1B4AC508 E6852A11 A816E4A9 50233E41
C0C0BB5C DECE0BC6
- 29AE5077 BB71FF4A 3A329D84 72E9BA9A CEDC2AFD 4DDB9475
2C77AB5D 21777B92
- 44030203 010001A3 53305130 0F060355 1D130101 FF040530
030101FF 301F0603
- 551D2304 18301680 146F16F0 9F59E5B5 8CB3289A 77770A58
84F59F91 A7301D06
- 03551D0E 04160414 6F16F09F 59E5B58C B3289A77 770A5884
F59F91A7 300D0609
- 2A864886 F70D0101 05050003 81810041 6E516BDD 688734CA
3865FBFA 67943866
```

```
- 5A5B2F92 55DCE189 666FC749 4B6BE53C F14762CB 3D04666E
2F04E7B1 3DA48CBF
- BA95A895 73CD986E 6CB1B50C 544B56B0 589657D0 F0196F5D
4B5DC475 50CB4110
- C5BBD2C9 40ED50CC 570C5D6D 5EDB1F12 808818BA DD1F7497
FDD0BCB2 14078949
- C5EB78EA 8FEC50CF D4A972F9 0A8036
- quit
- spanning-tree mode pvst
- spanning-tree extend system-id
- !
- !
- !
- !
- vlan internal allocation policy ascending
- !
- !
- !
- !
- !
```

```
- !
- !
- !
- !
- !
- !
- interface FastEthernet0
- no ip address
- shutdown
- !
- interface GigabitEthernet1/0/1
- switchport access vlan 110
- switchport mode access
- !
- interface GigabitEthernet1/0/2
- switchport access vlan 110
- switchport mode access
- !
- interface GigabitEthernet1/0/3
- switchport trunk allowed vlan 110,120,300
- switchport mode trunk
- !
- interface GigabitEthernet1/0/4
```



```
- switchport access vlan 110
- switchport mode access
- !
- interface GigabitEthernet1/0/5
- switchport access vlan 10
- switchport mode access
- !
- interface GigabitEthernet1/0/6
- switchport access vlan 10
- switchport mode access
- !
- interface GigabitEthernet1/0/7
- switchport access vlan 10
- switchport mode access
- !
- interface GigabitEthernet1/0/8
- switchport access vlan 10
- switchport mode access
- !
- interface GigabitEthernet1/0/9
- switchport access vlan 20
- switchport mode access
- !
- interface GigabitEthernet1/0/10
- switchport access vlan 20
```

```
- switchport mode access
- !
- interface GigabitEthernet1/0/11
- switchport access vlan 20
- switchport mode access
- !
- interface GigabitEthernet1/0/12
- switchport access vlan 20
- switchport mode access
- !
- interface GigabitEthernet1/0/13
- switchport access vlan 30
- switchport mode access
- !
- interface GigabitEthernet1/0/14
- switchport access vlan 30
- switchport mode access
- !
```

```
- interface GigabitEthernet1/0/15
-   switchport access vlan 30
-   switchport mode access
-   !
- interface GigabitEthernet1/0/16
-   switchport access vlan 30
-   switchport mode access
-   !
- interface GigabitEthernet1/0/17
-   switchport access vlan 40
-   switchport mode access
-   !
- interface GigabitEthernet1/0/18
-   switchport access vlan 40
-   switchport mode access
-   !
- interface GigabitEthernet1/0/19
-   switchport access vlan 40
-   switchport mode access
-   !
- interface GigabitEthernet1/0/20
-   switchport access vlan 40
-   switchport mode access
-   !
- interface GigabitEthernet1/0/21
-   switchport access vlan 50
-   switchport mode access
-   !
- interface GigabitEthernet1/0/22
-   switchport access vlan 50
```

```
-   switchport mode access
-   !
- interface GigabitEthernet1/0/23
-   switchport access vlan 50
-   switchport mode access
-   !
- interface GigabitEthernet1/0/24
-   switchport access vlan 50
-   switchport mode access
-   !
- interface GigabitEthernet1/0/25
-   switchport access vlan 60
-   switchport mode access
```

```
- !
- interface GigabitEthernet1/0/26
-   switchport access vlan 60
-   switchport mode access
- !
- interface GigabitEthernet1/0/27
-   switchport access vlan 60
-   switchport mode access
- !
- interface GigabitEthernet1/0/28
-   switchport access vlan 60
-   switchport mode access
- !
- interface GigabitEthernet1/0/29
-   switchport access vlan 70
-   switchport mode access
- !
- interface GigabitEthernet1/0/30
-   switchport access vlan 70
-   switchport mode access
- !
- interface GigabitEthernet1/0/31
-   switchport access vlan 70
-   switchport mode access
- !
- interface GigabitEthernet1/0/32
-   switchport access vlan 70
-   switchport mode access
- !
- interface GigabitEthernet1/0/33
-   switchport access vlan 80
-   switchport mode access
- !
- interface GigabitEthernet1/0/34
-   switchport access vlan 80
```

```
-   switchport mode access
- !
- interface GigabitEthernet1/0/35
-   switchport access vlan 80
-   switchport mode access
- !
- interface GigabitEthernet1/0/36
-   switchport access vlan 80
```

```
- switchport mode access
- !
- interface GigabitEthernet1/0/37
- switchport access vlan 90
- switchport mode access
- !
- interface GigabitEthernet1/0/38
- switchport access vlan 90
- switchport mode access
- !
- interface GigabitEthernet1/0/39
- switchport access vlan 90
- switchport mode access
- !
- interface GigabitEthernet1/0/40
- switchport access vlan 90
- switchport mode access
- !
- interface GigabitEthernet1/0/41
- switchport access vlan 99
- switchport mode access
- !
- interface GigabitEthernet1/0/42
- switchport access vlan 99
- switchport mode access
- !
- interface GigabitEthernet1/0/43
- !
- interface GigabitEthernet1/0/44
- !
- interface GigabitEthernet1/0/45
- !
- interface GigabitEthernet1/0/46
- !
- interface GigabitEthernet1/0/47
- switchport trunk allowed vlan
  10,20,30,40,50,60,70,80,90,99,110,120,300
- switchport mode trunk
- !
- interface GigabitEthernet1/0/48
- switchport trunk allowed vlan
  10,20,30,40,50,60,70,80,90,99,110
- switchport mode trunk
- !
```

```
- interface GigabitEthernet1/0/49
- !
- interface GigabitEthernet1/0/50
- !
- interface GigabitEthernet1/0/51
- !
- interface GigabitEthernet1/0/52
- !
- interface Vlan1
-   no ip address
-   shutdown
- !
- interface Vlan99
-   ip address 192.168.0.100 255.255.255.0
- !
- ip default-gateway 192.168.0.254
- ip http server
- ip http secure-server
- !
- ip ssh version 2
- !
- !
- !
- !
- line con 0
- line vty 0 4
-   login local
-   transport input ssh
- line vty 5 15
-   login
- !
- end
```