What is the OSPF configuration for router 10.2.10.10 to advertise networks 172.16.102.0/24   router ospf 1 \n router-id 10.2.10.10 \n network 172.16.102.0 0.0.0.255 area 0

What is the command used to dynamically assign an IP address to interface FastEthernet0/0/0 via DHCP?   ``` interface FastEthernet0/0/0 \n ip address dhcp \n no shutdown ```

What is the command to enable OSPF under VRF custA with router ID 10.0.0.103?   ``` router ospf 1 vrf custA \n router-id 10.0.0.103 area 0 ```

How to configure OSPF authentication (MD key 12345) on interface GigabitEthernet0/1?   "interface GigabitEthernet0/1 \n ip ospf authentication message-digest /n ip ospf message-digest-key 1 md5 12345 /n

How to configure OSPF to redistribute connected routes? router ospf 1 /n redistribute connected subnets

How to configure an ACL that allows only 192.168.10.0/24 to access 10.0.0.1 via SSH?   ip access-list extended SSH_ONLY /n permit tcp 192.168.10.0 0.0.0.255 host 10.0.0.1 eq 22 /n deny ip any host 10.0.0.1 /n permit ip any any

How to configure a DHCP relay agent on interface GigabitEthernet0/1 with server 10.0.0.5?   interface GigabitEthernet0/1 /n ip helper-address 10.0.0.5

How to configure DHCP for multiple VLANs (10 and 20)?   ip dhcp pool VLAN10 /n network 192.168.10.0 255.255.255.0 /n default-router 192.168.10.1 /n ip dhcp pool VLAN20 /n network 192.168.20.0 255.255.255.0 /n default-router 192.168.20.1

How to configure an ACL to block all traffic from subnet 192.168.100.0/24 except DNS (UDP 53)?   ip access-list extended BLOCK_100 /n permit udp 192.168.100.0 0.0.0.255 any eq 53 /n deny ip 192.168.100.0 0.0.0.255 any /n permit ip any any

How to configure DHCP relay agent with multiple servers (10.1.1.1 and 10.2.2.2) on VLAN 30 interface?   interface Vlan30 /n ip address 192.168.30.1 255.255.255.0 /n ip helper-address 10.1.1.1 /n ip helper-address 10.2.2.2

How to configure DHCP option 66 (TFTP server name tftp.example.com) and option 150 (server IP 10.10.10.5) for a VOIP pool? ip dhcp pool VOIP /n network 192.168.60.0 255.255.255.0 /n default-router 192.168.60.1 /n option 66 ascii tftp.example.com /n option 150 ip 10.10.10.5

How to configure a DHCP pool with two DNS servers (8.8.8.8 and 8.8.4.4) and lease time of 12 hours?   ip dhcp pool USERS /n network 192.168.50.0 255.255.255.0 /n default-router 192.168.50.1 /n dns-server 8.8.8.8 8.8.4.4 /n lease 0 12

How to configure an ACL to allow only SSH (22) and HTTPS (443) from 192.168.10.0/24 to 10.0.0.0/24? ip access-list extended SECURE_ONLY/n permit tcp 192.168.10.0 0.0.0.255 10.0.0.0 0.0.0.255 eq 22 /n permit tcp 192.168.10.0 0.0.0.255 10.0.0.0 0.0.0.255 eq 443 /n deny ip any any

How to configure DHCP snooping on VLANs 10 and 20 trusting uplink GigabitEthernet0/1?   ip dhcp snooping /n ip dhcp snooping vlan 10 20 /n interface GigabitEthernet0/1 /n ip dhcp snooping trust

How to configure a DHCP pool with default gateway 2 DNS servers and domain name and a custom lease of 2 days?   ip dhcp pool ENTERPRISE /n network 10.100.0.0 255.255.255.0 /n default-router

10.100.0.1 /n dns-server 8.8.8.8 1.1.1.1 /n domain-name enterprise.local /n lease 2

How to configure ACL to block all traffic from 203.0.113.0/24 and log it? ip access-list extended BLOCK_ATTACKERS /n deny ip 203.0.113.0 0.0.0.255 any log /n permit ip any any

How to configure ACL with object-groups for multiple services (HTTP HTTPS SSH)?   object-group service ALLOWED_SERVICES tcp /n port-object eq 80 /n port-object eq 443 /n port-object eq 22 /n ip access-list extended FILTER_GROUP /n permit tcp any any object-group ALLOWED_SERVICES /n deny ip any any