CCNA ICND2 Lab 9 - Use Extended ACL to Block ping Command



Lab Requirements: 1. The router names are P4S1 and P4S2. 2. The S1/1 interface of P4S1 is connected to that of P4S2. The S1/1 interface of P4S2 is the DCE end. 3. Use the **ping** command on P4S1 to test the connectivity to P4S2 and access P4S2 from Telnet. Lab Process: 1. Configure enable password and VTY password on P4S2. Both passwords are ciscobible. 2. Perform basic configurations on both routers. 2.1 Configure P4S1: P4S1(config)#int s1/1 P4S1(config-if)#ip add 192.168.12.1 255.255.255.0 P4S1(config-if)#clock rate 64000 P4S1(config-if)#no shut 2.2 Configure P4S2: Router(config)#host P4S2 P4S2(config)#enable password ciscobible P4S2(config)#line vty 0 4 P4S2(config-line)#login P4S2(config-line)#password ciscobible P4S2(config)#access-list 100 deny icmp any any P4S2(config)#access-list 100 permit ip any any P4S2(config)#int s1/1 P4S2(config-if)#ip add 192.168.12.2 255.255.255.0 P4S2(config)#int s1/1 P4S2(config-if)#ip add 192.168.12.2 255.255.0 P4S2(config)#int s1/1 P4S2(config)#ip add 192.168.12.2 255.255.0 P4S2(config)#access-list 100 permit ip any any P4S2(config)#access-list 100 permit ip and 192.168.12.2 255.255.0 P4S2(config)#int s1/1 P4S2(config-if)#ip add 192.168.12.2 255.255.0 P4S2(config-if)#no shut P4S2(config)#ip add 192.168.12.2 255.255.0 P4S2(config-if)#no shut P4S2(config-if)#ip

access-group 100 in P4S2(config-if)#exit 3.Authentication Run the **ping** command on P4S1 to test the connectivity to P4S2. Data packets can reach P4S2. Run the **telnet** command on P4S1 to access P4S2 successfully.