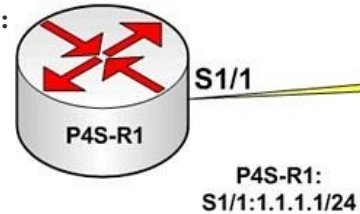


CCNA ICND2 Lab15 - Access List

Lab Tips: The ACL is a security solution that filters packets when they pass through a router. ACLs are divided into standard ACLs and extended ACLs. To pass the CCNA exam, please note the **ip access-list** command. **Topology:**



Lab Requirements: Standard ACL P4S-R1 filters packets from P4S-R2. P4S-R1 configuration: 1. Create an ACL access-list 10 deny host 10.1.1.2 access-list 10 permit any 2. Apply the ACL to the interface Interface serial 1/1 Ip access-group 10 in P4S-R1 and P4S-R2 cannot communicate with each other. Run the **ping** command to check the application of the ACL. **Lab Process:** A. P4S-R1 filters only the Telnet requests from P4S-R2. P4S-R1 configuration: 1. Create an ACL access-list 100 deny tcp host 10.1.1.2 any eq 23 access-list 100 permit any any 2. Apply the ACL to the interface interface serial 1/1 ip access-group 100 in Enable the VTY password and privilege password on P4S-R1. P4S-R2 can ping P4S-R1, but P4S-R2 cannot telnet into P4S-R1. B. P4S-R1 can filter only ICMP packets from P4S-R2. P4S-R1 configuration: 1. Create an ACL access-list 101 deny icmp host 10.1.1.2 any access-list 101 permit any any 2. Apply the ACL to the interface interface serial 1/1 ip access-group 101 in