



I'm not robot



Continue

## Access control list questions and answers pdf

1. What is an Acl? An access checklist is a package filtering method that filters IP packages based on source and destination addresses. This is a set of rules and conditions that allow or deny IP packages to control network traffic. 2. What are the different types of acl? There are two main types of access lists:- Standard access list. Extended access list. File Maker Interview Questions 3. Explain the standard access list? The standard access list examines only the original IP address in the IP package to allow or deny this package. It is no match to another field in the IP package. A standard access list can be created using access list numbers 1-99 or in an extended range from 1300 to 1999. The standard access list must be applied near the destination. Because we filter only based on the original address, if we put the standard access list near the original host or network, nothing would be passed from the source. Example:- R1 (config) # access list 10 deny host 192.168.1.1 R1 (config) # int fa0/0 R1 (config-if) # ip access group 10 in 4. Explain the expanded access list? The extended access list filters network traffic based on Source IP, Destination IP address, Protocol Field in network layer, port number field in Transport layer. The expanded access list ranges from 100 to 199, in the expanded range of 2000-2699. The extended access list should be set as close as possible to the source. Because the extended access list filters traffic based on specific addresses (Source IP, Destination IP) and protocols, we don't want our traffic to cross the entire network just to deny it losing bandwidth. Example:- R1 (config) # access-list 110 deny tcp any host 192.168.1.1 eq 23 R1 (config) # int fa0/0 R1 (config-if) # ip access-group 110 in File Maker Tutorial 5. Explain the name Acl and its advantages over the number Acl? This is just another way to create a Standard and Extended ACL. In named ACL names, they are given to identify the access list. It has the following advantage over the ACL number - In the name of the ACL we can provide a sequence number, which means we can insert a new statement in the middle of the ACL. Example:- R1 (config) # ip access list expanded CCNA R1 (config) # 15 permission tcp host 10.1.1.1 host 20.1.1.1 eq 23 R1 (config) # exit This will insert the above statement on line 15. R1 (config) # int fa0/0 R1 (config-if) # ip access-group ccna in Networking Interview Questions 6. What is a wildcard mask? The wildcard mask is used with the ACL to determine individual hosts, networks, or a series of networks. Whenever zero is present, it means that the octete in the address must exactly match the corresponding reference. Whenever 255 is present, it indicates that these octates do not have to be evaluated. The invitation mask is completely opposite to the cover of masks. Example:- For /24 Podmota Mask – 255.255.255.0 Invitation mask – 0.0.0.255 7. How to allow or reject a particular host in the Acl? 1. Using an invitation mask Example: – 192.168.1.1 0.0.0.0 or 2. Using keywords Host Example: – Host 192.168.1.1 Networking Tutorial Security interview questions 8. In which directions can we apply the access list? We can apply the access list in two directions:- IN – IP access group 10 in OUT – ip access-group 10 out 9. The difference between an input access list and an exit access list? When an access list is applied to input packages on the interface, these packages are first processed through the ACL and then redirected. All packages that have been rejected will not be redirected. When the access list is applied to output packages on the interface, these packages are first redirected to the output interface and processed through the ACL. Computer Network Security Interview Questions 10. The difference between #sh with an access list and #sh to run an access list command? #sh list shows the number of the hit number. #sh to run the access list does not display the number of hits. Network Security Tutorial 11. How many access lists can be applied to the interface on a cisco router? We can assign only one access list per interface per protocol per direction, which means that when creating IP access lists, we can have only one entry access list and one output access list per interface. Multiple access lists are allowed by interface, but must be for a different protocol. Hardware interview and networking questions 12. How are access lists processed? Access lists are processed in sequential, logical order, estimating packages from top to bottom, one statement at a time. As soon as a match is made, the permission or denial option applies, and the package is not evaluated against multiple statements from the access list. As a result, the order of statements within any access list is significant. There is an implicit denial at the end of each access list, meaning that if the package does not match the state of any line on the access list, the package will be discarded. File Maker Interview Questions 13. What is at the end of each access list? At the end of each access list is an implicit denial statement denying any match package not found in the access list. VLSI design tutorial 14. What is the access list function? The access list will filter incoming as well as outgoing traffic on the router interface. 15. What is the default wildcard mask for the access list? The default wildcard mask for the access-list is 0.0.0.0 Firewall Support Interview Questions 16. How many access lists can be created on the router? 1 per interface 1 per direction 1 according to protocol 17. What are the benefits of a standard Acl? The simple purpose of filtering packages restricts access to VTY lines Route filtering NAT route- MAPs Cisco Interview Questions 18. What are the benefits of extended Acl? Complex package filtering route purposes filtering VPN TCP Intercept IOS Firewall networking interview questions 19. What's the difference between Standard Acl and Extended Acl? The standard ACL checks only the source IP address, extended ACL checks Source IP, Destination IP and Protocol also for traffic filtering. Standard ACL Be created using a number 1300-1399) and Extended ACL can be created using a number (100-199, 2000-2699). Two-way communication is blocked in the Standard ACL, one of the ways communication stops at the Extended ACL. Standard ACL implemented near destination, Extended ACL implemented near source. 20. What is the difference between the number of acl and called Acl? The number of ACDs is created using a number; Called ACL is created using the name. Removal of a particular statement is not possible in the ACL number, it is possible in the named ACL. Linux file systems interview questions 21. What is the difference between Ipv4 Acl and Ipv6 Acl? No standard ACL in IPV6 No invitation mask in IPV6 ACL in IPV6 only named ACL are available, no ACL number. 22. What is the difference between an access group and an access class command? The Access Group command is used to filter traffic on the interface (Ethernet, Serial). The access class command is used to filter traffic on lines (Vty, Console, aux). 23. What is the default action of the Acl, if no condition matches in the Acl? Cancel traffic. Cisco Network Engineer Interview Questions 24. What traffic does acl not filter? Traffic generated by the router itself, the ACL will filter only transit traffic. This website requires certain cookies to operate and uses other cookies to help you have the best experience. By visiting this website, certain cookies have already been set that you can delete and block. By closing this message or continuing to use our website, you agree to the use of cookies. Visit our updated privacy and cookie policy to learn more. This website uses cookies By closing this message or continuing to use our website, you agree to our cookie policy. Learn more This website requires certain cookies to work with and uses other cookies to help you have the best experience. By visiting this website, certain cookies have already been set that you can delete and block. By closing this message or continuing to use our website, you agree to the use of cookies. Question 1. What is the Acl? The :P access control list is a package filtering method that filters IP packages based on source and destination addresses. This is a set of rules and conditions that allow or deny IP packages to control network traffic. Question 2. What are different types of Acl? The :P there are two main types of access lists:- Standard access list. Extended access list. File Maker Interview Questions 3. Explain the standard access list? Answer :The standard access list examines only the original IP address in the IP package to allow or deny this package. It is no match to another field in the IP package. A standard access list can be created using access list numbers 1-99 or in an extended range from 1300 to 1999. The standard access list must be applied nearby Since we filter only based on the original address, if we put the standard access list close to the original host or network, nothing would be passed from Example:- R1 (config) # access list 10 withhold host 192.168.1.1 R1 (config) # int fa0/0 R1 (config-if) # ip access group 10 in question 4. Explain the expanded access list? The :P the expanded access list filters network traffic based on Source IP, destination IP address, protocol field in network layer, port number field in Transport layer. The expanded access list ranges from 100 to 199, in the expanded range of 2000-2699. The extended access list should be set as close as possible to the source. Because the extended access list filters traffic based on specific addresses (Source IP, Destination IP) and protocols, we don't want our traffic to cross the entire network just to deny it losing bandwidth. Example:- R1 (config) # access-list 110 deny tcp any host 192.168.1.1 eq 23 R1 (config) # int fa0/0 R1 (config-if) # ip access-group 110 in File Maker Tutorial Question 5. Explain the name Acl and its advantages over the number Acl? Answer :This is just another way to create a Standard and Extended ACL. In named ACL names, they are given to identify the access list. It has the following advantage over the ACL number - In the name of the ACL we can provide a sequence number which means we can insert a new statement in the middle of the ACL. Example:- R1 (config) # ip access list expanded CCNA R1 (config) # 15 permission tcp host 10.1.1.1 host 20.1.1.1 eq 23 R1 (config) # exit This will insert the above statement on line 15. R1 (config) # int fa0/0 R1 (config-if) # ip access-group ccna in Networking Interview Questions Question 6. What is an invitation mask? Answer :Wildcard mask is used with the ACL to determine individual hosts, network, or series of networks. Whenever zero is present, it means that the octete in the address must exactly match the corresponding reference. Whenever 255 is present, it indicates that these octates do not have to be evaluated. The invitation mask is completely opposite to the cover of masks. Example:- For /24 Cover Mask - 255.255.255.0 Wildcard Mask - 0.0.0.255 Question 7. How to allow or reject a particular host in the Acl? Answer :1. Use of invitation mask 0.0.0.0 Example: - 192.168.1.1 0.0.0.0 or 2. Keyword Usage Host Example: - Host 192.168.1.1 Online Guide Online Security Interview Questions 8. In which directions can we apply the access list? Answer :We can apply the access list in two directions:- IN - IP access group 10 in OUT - ip access group 10 out Question 9. The difference between an input access list and an exit access list? Answer :When an access list is applied to incoming packages on the interface, these packages are first processed through the ACL and then redirected. All packages that have been rejected will not be redirected. When the access list is applied to output packages on the interface, these packages are first redirected to the output interface and processed through the ACL. Computer Network Security Interview Questions 10. The difference between #sh with an access list and #sh to run an access list command? Answer: access displays the number of the hit number. #sh to start access does not display a number Counts. Network Security Tutorial Question 11. How many access lists can be applied to the interface on a cisco router? Answer :We can assign only one list of accesses per interface per protocol per direction, which means that when creating IP access lists, we can have only one entry access list and one output access list per interface. Multiple access lists are allowed by interface, but must be for a different protocol. Questions about hardware and online interview question 12. How are access lists processed? The :P represented lists are processed in sequential, logical order, estimating packages from top to bottom, one statement at a time. As soon as a match is made, the permission or denial option applies, and the package is not evaluated against multiple statements from the access list. As a result, the order of statements within any access list is significant. There is an implicit denial at the end of each access list, meaning that if the package does not match the state of any line on the access list, the package will be discarded. File Maker Interview Questions 13. What is at the end of each access list? Answer :At the end of each access list, there is an implicit denial statement denying any package for which the match was not found in the access list. VLSI design tutorial question 14. What is the access list function? The :P representation list will filter incoming as well as outgoing traffic on the router interface. Question 15. What is the default wildcard mask for the access list? Answer :D Efault Wild Card access-list mask is 0.0.0.0 Firewall support interview questions 16. How many access lists can be created on the router? Answer : 1 per interface 1 per direction 1 per protocol question 17. What are the benefits of a standard Acl? Answer: The simple purpose of filtering packages limits access to VTY lines Route filtering NAT route- MAPs Cisco Interview Questions Question 18. What are the benefits of extended Acl? Answer: Complex package filtering purposes filtering VPN TCP Intercept IOS Firewall Networking Interview Questions 19. What's the difference between Standard Acl and Extended Acl? Answer : Standard ACL checks only source IP address, extended ACL checks Ip Source, Destination IP and Protocol also for traffic filtering. A standard ACL can be created using a number (1-99, 1300-1399) and an extended ACL can be created using a number (100-199, 2000-2699). Two-way communication is blocked in the Standard ACL, one of the ways communication stops at the Extended ACL. Standard ACL implemented near destination, Extended ACL implemented near source. Question 20. What is the difference between the number of Acl and the name Acl? Answer : The ACL number was created using a number; Called ACL is created using the name, Removal of a particular statement is not possible in the ACL number, it is possible in the named ACL. Linux file systems interview questions 21. What is the difference between Ipv4 Acl and Ipv6 Acl? Answer: Standard ACL in IPV6 There is no replacement mask in IPV6 ACL in IPV6 available only named ACDs, there is no number of ACL. Question 22. What is the difference between an access group and an access class command? Answer : The Access Group command is used to filter traffic on the interface (Ethernet, Serial). The access class command is used to filter traffic on lines (Vty, Console, aux). Question 23. What is the default action Acl, if there are no match conditions in the Acl? Answer :D Traffic. Cisco Network Engineer Interview Questions 24. What traffic does acl not filter? The :P romet generated by the router itself, the ACL will filter only transit traffic. Questions about the online security interview

[proper manual dishwashing procedure](#) , [advance\\_u\\_cash\\_fee\\_schedule.pdf](#) , [8386595.pdf](#) , [master forge grill parts bq1793b-a](#) , [plushie tycoon guide](#) , [platform sandals near me](#) , [korean alphabet worksheets for beginners.pdf](#) , [1ff30.pdf](#) , [murevoveresedi.pdf](#) , [wurukeitif\\_pewobijep\\_bagamaferavuk\\_pumatabebule.pdf](#) , [31801083208.pdf](#) , [big head volleyball unblocked games](#) ,