Content

Chapter 1 Commands for DNS White-list

1.1 dns-server white-list

Command: dns-server white-list

no dns-server white-list

Function: Enable the dns white-list function; the no command disables the on-off.

Parameters: None.

Command Mode: Ap-group Mode.

Default: The dns white-list is disabled as default, all the DNS packets can be allowed transmitting on AP.

Usage Guide: Enable the dns white-list function of AP group and save it in the AC configuration.

Example: Enable the dns white-list on-off of ap-group 1.

AC# (config-wireless)#ap-group 1

AC# (config-ap-group)#dns-server white-list

To apply the configuration, please use 'wireless ap dns-server white-list apply (ap-group <apGroupName>|<apMac>|)'!

Send the DNS white-list configuration to the managed AP.

AC# wireless ap dns-server white-list apply 00-03-0f-10-be-10

1.2 dns-server white-list [IPv4Addr|IPv6Addr]

Command: dns-server white-list [IPv4Addr|IPv6Addr]

no dns-server white-list [IPv4Addr|IPv6Addr]

Function: Configure the dns white-list table entries. The no command deletes the dns white-list table entries.

Parameters: A.B.C.D: Configure the DNS server ipv4 address;

X:X::X:X: Configure the DNS server ipv6 address.

Command Mode: Ap-group Mode.

Default: The dns white-list table entries are empty. If the dns white-list function is enabled,

AP will refuse all the dns packets; if the dns white-list function is disabled, AP allows all the dns white packets.

Usage Guide: Make the appointed IP join into the DNS white-list and save it in the AC configuration. If the dns white-list is full which means there will be the prompt of error if 10 dns server addresses have been configured under the AP group.

Example: Configure the dns white-list table entries.

AC# (config-ap-group)#dns-server white-list 1.1.1.1

To apply the configuration, please use 'wireless ap dns-server white-list apply (ap-group <apGroupName>|<apMac>|)'!

Send the DNS white-list table entries to the managed AP.

AC# wireless ap dns-server white-list apply 00-03-0f-10-be-10

1.3 wireless ap dns-server white-list apply

Command: wireless ap dns-server white-list apply (ap-group <apGroupName>|<apMac>)

Function: Send the dns white-list configuration message to the mac of the appointed managed AP or the managed AP under the AP group.

Parameters: ap-group: name of the appointed AP Group;

groupName: name of AP Group;

apMac: mac of the appointed AP.

Command Mode: Admin Mode.

Default: None.

Usage Guide: 1) If the command appoints the name of AP group, after enabled the command, the dns white-list configuration message will be sent to all the managed AP. If the appointed AP group does not exist, there will be the prompt of error.

2) If the command appoints the MAC of AP group, after enabled the command, find the AP group that the managed AP belongs to and the dns white-list configuration message will be sent to this AP if the AP is the managed AP; if the AP does not belong to any AP group or it is not the managed AP, there will be the prompt of error.

3) If the command does not appoint any parameter, the dns white-list configuration message will be sent to all the managed AP of the AP group.

Example: Send the dns white-list configuration message to the managed AP.

AC# wireless ap dns-server white-list apply 00-03-0f-10-be-10

1.4 show wireless dns-server white-list [ap-group WORD]

Command: show wireless dns-server white-list [ap-group WORD]

Function: View the DNS white-list configuration.

Parameters: ap-group: group name of AP group;

WORD: name of AP group.

Command Mode: Admin Mode.

Default: None.

Usage Guide: When there is the parameter of group, the dns white-list on-off and table under the group will be shown; if there is no parameter of group, all the dns white-list on-offs and tables under the group will be shown.

Field	Description
DNS Server White List Mode	Status of DNS white-list (Enable/Disable)
DNS Server White List Entry	Current table entry of DNS white-list

Example: Show the configured dns white-list on-off and table.

AC#show wireless dns-server white-list ap-group 1

AP-Group Name:1

DNS Server White List Mode: Enable

DNS Server White List Entry: 1.1.1.1

2.2.2.2

1.5 debug wireless ap-config packet {send | receive | dump} <macaddr>

Command: debug wireless ap-config packet {send | receive | dump} <macaddr>

no debug wireless ap-config packet {send | receive | dump} <macaddr>

Function: Enable/disable the debug information of the AP configuration file updating.

Parameters: send: configure AP to send the packets;

receive: configure AP to receive the packets;

dump: configure AP to analyze the packets;

<macaddr>: mac address of AP.

Command Mode: Admin Mode.

Default: Disable.

Usage Guide: Enable/disable the packet debug information of the AP configuration file updating of the corresponding degree.

Example: Send the debug information to AC when enables the AP configuration updating.

AC# debug wireless ap-config packet send 00-03-0f-10-be-10

1.6 debug wireless ap-config packet internal <macaddr>

Command: debug wireless ap-config packet internal <macaddr>

no debug wireless ap-config packet internal <macaddr>

Function: Enable the internal debug information of the AP configuration updating.

Parameters: <macaddr>: MAC address of AP.

Command Mode: Admin Mode.

Default: Disable.

Usage Guide: Enable/disable the internal debug information of the AP configuration updating of the corresponding degree.

Example: Enable the internal debug on-off of the AP configuration updating.

AC# debug wireless ap-config packet internal 00-03-0f-10-be-10