S6800是否支持31位掩码地址

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可以支持31位掩码地址。测试情况如下：
S6800与S12500以31位掩码互联：
S6800:配置31为掩码广播地址 40.1.1.0
[S6800-Vlan-interface40]dis this
#
interface Vlan-interface40
ip address 40.1.1.0 255.255.255.254
#
return
[S6800-Vlan-interface40]dis arp
　Type: S-Static　D-Dynamic　O-Openflow　R-Rule　M-Multiport　I-Invalid

IP address	MAC address	VID	Interface/Link ID	Aging	Type
1.1.1.1	b0f9-6339-f115	N/A	MGE0/0/0	387	D
60.1.1.2	0023-893c-f900	60	XGE2/0/35	245	D
40.1.1.1	3ce5-a6c1-3d00	40	XGE2/0/31	1163	D

[S6800-Vlan-interface40]
[S6800-Vlan-interface40]ping 40.1.1.1
Ping 40.1.1.1 (40.1.1.1): 56 data bytes, press CTRL_C to break
56 bytes from 40.1.1.1: icmp_seq=0 ttl=255 time=2.074 ms
56 bytes from 40.1.1.1: icmp_seq=1 ttl=255 time=1.875 ms
56 bytes from 40.1.1.1: icmp_seq=2 ttl=255 time=1.856 ms
56 bytes from 40.1.1.1: icmp_seq=3 ttl=255 time=1.778 ms
56 bytes from 40.1.1.1: icmp_seq=4 ttl=255 time=1.655 ms

S12500:配置同网段31位地址40.1.1.1
[S125-1-Vlan-interface40]dis this
#
interface Vlan-interface40
ip address 40.1.1.1 255.255.255.254
#
return
[S125-1-Vlan-interface40]dis arp
　Type: S-Static　D-Dynamic　O-Openflow　M-Multiport　I-Invalid

IP address	MAC address	VLAN	Interface	Aging	Type
20.1.1.1	3c8c-40c6-7e01	20	GE2/0/5	15	D
30.1.1.1	ac74-0939-86d9	30	GE2/0/9	16	D
40.1.1.0	b0f9-6339-e84e	40	GE2/0/13	19	D

[S125-1-Vlan-interface40]