# **#48748 研发自测**

### **一、单元测试，lightwanAgentWanDnsSwitchT**

1. 连续丢包规则单元测试，Case5\_LW\_DnsSwitchCheckConsLossPktRule

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **场景** | **DNS1** | **DNS2** | **DNS3** | **异常情况** | **预期结果** | **测试结果** |
| 场景1 | 备，状态可用 | 主，状态可用 | 备，状态可用 | DNS3连续丢包过多 | DNS2仍为主，DNS3状态调整为不可用 | 测试通过 |
| 场景2 | 备，状态可用 | 主，状态可用 | 备，状态不可用 | DNS2连续丢包过多 | DNS1为主，DNS2状态调整为不可用 | 测试通过 |
| 场景3 | 主，状态不可用 | 备，状态未知（初始化） | 备，状态未知（初始化） | 无 | DNS2为主 | 测试通过 |
| 场景4 | 主，状态未知（初始化） | 备，状态未知（初始化） | 备，状态未知（初始化） | DNS1连续丢包过多 | DNS1状态为不可用，DNS2为主 | 测试通过 |

1. 总丢包规则单元测试，Case6\_LW\_DnsSwitchCheckLossPktRule

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **场景** | **DNS1** | **DNS2** | **DNS3** | **异常情况** | **预期结果** | **测试结果** |
| 场景1 | 备，状态可用 | 主，状态可用 | 备，状态可用 | DNS1收包91  DNS2收包99  DNS2收包88 | DNS3状态调整为不可用；  DNS1为主 | 测试通过 |
| 场景2 | 备，状态可用 | 主，状态可用 | 备，状态可用 | DNS1收包85  DNS2收包92  DNS2收包93 | DNS2为主；DNS1状态调整为不可用 | 测试通过 |
| 场景3 | 主，状态可用 | 备，状态可用 | 备，状态可用 | DNS1收包85  DNS2收包92  DNS2收包93 | DNS1为主；DNS1状态调整为不可用 | 测试通过 |
| 场景4 | 主，状态可用 | 备，状态可用 | 备，状态可用 | DNS1收包50  DNS2收包75  DNS2收包76 | 所有状态调整为不可用；  DN3为主 | 测试通过 |
| 场景5 | 主，状态未知 | 备，状态未知 | 备，状态未知 | DNS1收包89  DNS2收包91  DNS2收包93 | DNS1状态为不可用  DNS2状态可用  DNS3状态可用  DNS1为主 | 测试通过 |

[----------] 8 tests from lightwanAgentWanDnsSwitchT  
[ RUN ] lightwanAgentWanDnsSwitchT.Case1\_LW\_DnsSwitchParamIsValid  
[2024/01/10\_18:02:27.527]<ERROR>[58811:58811:autoTest][\_LW\_DnsSwitchParamIsValid:1689nvalid  
[ OK ] lightwanAgentWanDnsSwitchT.Case1\_LW\_DnsSwitchParamIsValid (0 ms)  
[ RUN ] lightwanAgentWanDnsSwitchT.Case2\_LW\_DnsSwitchParamIsValid  
[ OK ] lightwanAgentWanDnsSwitchT.Case2\_LW\_DnsSwitchParamIsValid (0 ms)  
[ RUN ] lightwanAgentWanDnsSwitchT.Case3\_LW\_DnsSwitchLog\_NL  
[2024/01/10\_18:02:27.527]<INFO>[58811:58811:autoTest][\_LW\_DnsSwitchLog\_NL:791] WanId:Name:eth1 SendCnt:65 DnsNum:2 DnsConf:8.8.8.8(Dns:134744072 DnsStatus:2 IsMaster:0 Pkt:29 PktConsLossCnt:2) DnsConf:114.114.114.114(Dns:1920103026 DnsStatus:1 IsMaster:1 Cnt:59 PktConsLossCnt:0)  
[2024/01/10\_18:02:27.527]<INFO>[58811:58811:autoTest][\_LW\_DnsSwitchLog\_NL:791] zhaoyq WanId:1 PhyIfName:eth1 SendCnt:65 DnsNum:2 DnsConf:8.8.8.8(Dns:134744072 DnsStatus:2er:0 PktRecvCnt:29 PktConsLossCnt:2) DnsConf:114.114.114.114(Dns:1920103026 DnsStatusster:1 PktRecvCnt:59 PktConsLossCnt:0)  
[ OK ] lightwanAgentWanDnsSwitchT.Case3\_LW\_DnsSwitchLog\_NL (0 ms)  
[ RUN ] lightwanAgentWanDnsSwitchT.Case4\_LW\_DnsSwitchNodeCntReset\_NL  
[2024/01/10\_18:02:27.527]<INFO>[58811:58811:autoTest][\_LW\_DnsSwitchNodeCntReset\_NL:57switch reset cnt success(WanId:1 PhyIfName:eth1)  
[ OK ] lightwanAgentWanDnsSwitchT.Case4\_LW\_DnsSwitchNodeCntReset\_NL (0 ms)  
[ RUN ] lightwanAgentWanDnsSwitchT.Case5\_LW\_DnsSwitchCheckConsLossPktRule  
[2024/01/10\_18:02:27.527]<INFO>[58811:58811:autoTest][\_LW\_DnsSwitchLog\_NL:791] Loss t pkt consecutively for the master DNS server, and switch to slave, WanId:1 PhyIfName:ndCnt:65 DnsNum:3 DnsConf:8.8.8.8(Dns:134744072 DnsStatus:1 IsMaster:0 PktRecvCnt:29 LossCnt:2) DnsConf:114.114.114.114(Dns:1920103026 DnsStatus:2 IsMaster:1 PktRecvCnt:5nsLossCnt:6) DnsConf:223.5.5.5(Dns:3741648133 DnsStatus:2 IsMaster:0 PktRecvCnt:33 PkssCnt:3)  
[2024/01/10\_18:02:27.527]<INFO>[58811:58811:autoTest][\_LW\_DnsSwitchLog\_NL:791] Loss t pkt consecutively for the master DNS server, and switch to slave, WanId:1 PhyIfName:ndCnt:65 DnsNum:3 DnsConf:8.8.8.8(Dns:134744072 DnsStatus:2 IsMaster:1 PktRecvCnt:29 LossCnt:2) DnsConf:114.114.114.114(Dns:1920103026 DnsStatus:0 IsMaster:0 PktRecvCnt:5nsLossCnt:2) DnsConf:223.5.5.5(Dns:3741648133 DnsStatus:0 IsMaster:0 PktRecvCnt:33 PkssCnt:1)  
[2024/01/10\_18:02:27.528]<INFO>[58811:58811:autoTest][\_LW\_DnsSwitchLog\_NL:791] Loss t pkt consecutively for the master DNS server, and switch to slave, WanId:1 PhyIfName:ndCnt:65 DnsNum:3 DnsConf:8.8.8.8(Dns:134744072 DnsStatus:2 IsMaster:1 PktRecvCnt:29 LossCnt:6) DnsConf:114.114.114.114(Dns:1920103026 DnsStatus:0 IsMaster:0 PktRecvCnt:5nsLossCnt:2) DnsConf:223.5.5.5(Dns:3741648133 DnsStatus:0 IsMaster:0 PktRecvCnt:33 PkssCnt:1)  
[ OK ] lightwanAgentWanDnsSwitchT.Case5\_LW\_DnsSwitchCheckConsLossPktRule (1 ms)  
[ RUN ] lightwanAgentWanDnsSwitchT.Case6\_LW\_DnsSwitchCheckLossPktRule  
[2024/01/10\_18:02:27.528]<INFO>[58811:58811:autoTest][\_LW\_DnsSwitchLog\_NL:791] Dns reackets compare, WanId:1 PhyIfName:eth1 SendCnt:100 DnsNum:3 DnsConf:8.8.8.8(Dns:13474sStatus:1 IsMaster:0 PktRecvCnt:91 PktConsLossCnt:2) DnsConf:114.114.114.114(Dns:1920DnsStatus:1 IsMaster:1 PktRecvCnt:99 PktConsLossCnt:0) DnsConf:223.5.5.5(Dns:37416481tatus:2 IsMaster:0 PktRecvCnt:88 PktConsLossCnt:2)  
[2024/01/10\_18:02:27.528]<INFO>[58811:58811:autoTest][\_LW\_DnsSwitchCheckLossPktRule\_NDns switch, loss too many pkt for the master DNS than slave(WanId:1 PhyIfName:eth1)  
[2024/01/10\_18:02:27.528]<INFO>[58811:58811:autoTest][\_LW\_DnsSwitchLog\_NL:791] Dns reackets compare, WanId:1 PhyIfName:eth1 SendCnt:100 DnsNum:3 DnsConf:8.8.8.8(Dns:13474sStatus:2 IsMaster:0 PktRecvCnt:85 PktConsLossCnt:2) DnsConf:114.114.114.114(Dns:1920DnsStatus:1 IsMaster:1 PktRecvCnt:92 PktConsLossCnt:0) DnsConf:223.5.5.5(Dns:37416481tatus:1 IsMaster:0 PktRecvCnt:93 PktConsLossCnt:2)  
[2024/01/10\_18:02:27.528]<INFO>[58811:58811:autoTest][\_LW\_DnsSwitchLog\_NL:791] Dns reackets compare, WanId:1 PhyIfName:eth1 SendCnt:100 DnsNum:3 DnsConf:8.8.8.8(Dns:13474sStatus:2 IsMaster:1 PktRecvCnt:85 PktConsLossCnt:2) DnsConf:114.114.114.114(Dns:1920DnsStatus:1 IsMaster:0 PktRecvCnt:92 PktConsLossCnt:0) DnsConf:223.5.5.5(Dns:37416481tatus:1 IsMaster:0 PktRecvCnt:93 PktConsLossCnt:2)  
[2024/01/10\_18:02:27.528]<INFO>[58811:58811:autoTest][\_LW\_DnsSwitchLog\_NL:791] Dns reackets compare, WanId:1 PhyIfName:eth1 SendCnt:100 DnsNum:3 DnsConf:8.8.8.8(Dns:13474sStatus:2 IsMaster:1 PktRecvCnt:50 PktConsLossCnt:2) DnsConf:114.114.114.114(Dns:1920DnsStatus:2 IsMaster:0 PktRecvCnt:75 PktConsLossCnt:0) DnsConf:223.5.5.5(Dns:37416481tatus:2 IsMaster:0 PktRecvCnt:76 PktConsLossCnt:2)  
[2024/01/10\_18:02:27.528]<INFO>[58811:58811:autoTest][\_LW\_DnsSwitchCheckLossPktRule\_NDns switch by priority(WanId:1 PhyIfName:eth1)  
[2024/01/10\_18:02:27.528]<INFO>[58811:58811:autoTest][\_LW\_DnsSwitchLog\_NL:791] Dns reackets compare, WanId:1 PhyIfName:eth1 SendCnt:100 DnsNum:3 DnsConf:8.8.8.8(Dns:13474sStatus:2 IsMaster:1 PktRecvCnt:89 PktConsLossCnt:2) DnsConf:114.114.114.114(Dns:1920DnsStatus:1 IsMaster:0 PktRecvCnt:91 PktConsLossCnt:0) DnsConf:223.5.5.5(Dns:37416481tatus:1 IsMaster:0 PktRecvCnt:93 PktConsLossCnt:2)  
[ OK ] lightwanAgentWanDnsSwitchT.Case6\_LW\_DnsSwitchCheckLossPktRule (0 ms)  
[ RUN ] lightwanAgentWanDnsSwitchT.Case7\_RegistAndUnregist  
[2024/01/10\_18:02:27.528]<INFO>[58811:58811:autoTest][LW\_DnsSwitchWanRegist:1899] Dns WAN regist or update success(WanId:1 PhyIfName:eth1)  
[2024/01/10\_18:02:27.528]<INFO>[58811:58811:autoTest][\_LW\_DnsSwitchLog\_NL:791] Wan dning, WanId:1 PhyIfName:eth1 SendCnt:0 DnsNum:3 DnsConf:8.8.8.8(Dns:134744072 DnsStatuaster:1 PktRecvCnt:32533 PktConsLossCnt:3991030160) DnsConf:114.114.114.114(Dns:19201nsStatus:0 IsMaster:0 PktRecvCnt:46513257 PktConsLossCnt:0) DnsConf:223.5.5.5(Dns:374 DnsStatus:0 IsMaster:0 PktRecvCnt:0 PktConsLossCnt:3991129600)  
[2024/01/10\_18:02:27.528]<INFO>[58811:58811:autoTest][LW\_DnsSwitchWanRegist:1899] Dns WAN regist or update success(WanId:1 PhyIfName:eth1)  
[2024/01/10\_18:02:27.528]<DEBUG>[58811:58811:autoTest][LW\_SetDnsSwitchIpDetectDomain:ns switch get ipdetect domain:www.test.com  
[2024/01/10\_18:02:27.528]<INFO>[58811:58811:autoTest][LW\_DnsSwitchEnable:1984] Dns swdule stoping  
[2024/01/10\_18:02:27.528]<ERROR>[58811:58811:autoTest][LW\_DnsSwitchWanRegist:1831] In name is invalid  
[2024/01/10\_18:02:27.528]<INFO>[58811:58811:autoTest][LW\_DnsSwitchWanRegist:1899] Dns WAN regist or update success(WanId:1 PhyIfName:eth1)  
[ OK ] lightwanAgentWanDnsSwitchT.Case7\_RegistAndUnregist (0 ms)  
[ RUN ] lightwanAgentWanDnsSwitchT.Case8\_LW\_DnsSwitchReportListInit  
[2024/01/10\_18:02:27.528]<INFO>[58811:58811:autoTest][LW\_DnsSwitchReplyHandler:2019] tch received orch reply(WanId:1 PhyIfName:eth1 SeqId:846930887)  
[ OK ] lightwanAgentWanDnsSwitchT.Case8\_LW\_DnsSwitchReportListInit (0 ms)  
[----------] 8 tests from lightwanAgentWanDnsSwitchT (1 ms total)

### **二、自测工具**

1. tc\_dnsswitch.sh；使用tc指定接口的主备DNS服务器丢包率

[请至钉钉文档查看附件《tc\_dnsswitch.sh》](https://alidocs.dingtalk.com/i/nodes/QOG9lyrgJP3O4ymPHEolmPLMVzN67Mw4?doc_type=wiki_doc&iframeQuery=anchorId%253DX02loqklrxa3hmzwkdvv9b)

### **三、告警**

场景：

eth0，在223.5.5.5不可用，223.6.6.6可用下，从注册到发送dns状态更新等，会告警两次

第一次告警：（DNS状态更新和切换告警）

在校验连续丢包规则时，发现223.5.5.5不可用且为主DNS，223.6.6.6状态可用或未知，触发DNS切换并告警；同时更新223.5.5.5状态由未知更新为不可用（2），223.6.6.6状态仍为初始化的0代表未知状态，触发DNS状态更新；结束第一轮探测。

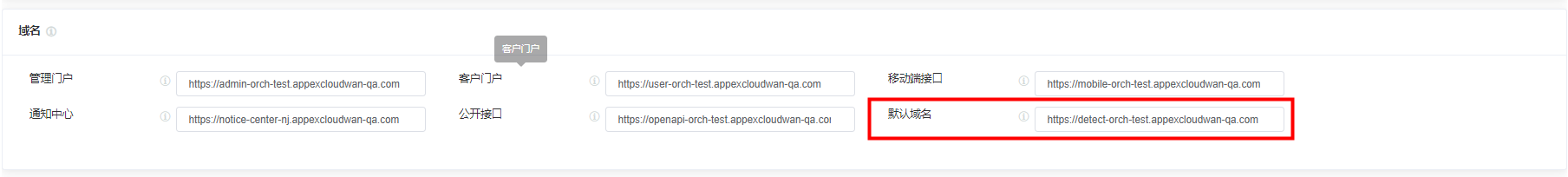
第二次告警：（DNS状态更新）

在第二轮探测时，主DNS为223.6.6.6，连续丢包规则中主DNS持续可用，会继续探测；在发包数量为100时，校验总丢包规则，此时主DNS由未知设为可用，状态更新为1并触发DNS状态更新，备DNS不变。

第一次告警  
[2024/01/10\_14:45:38.107]<INFO>[32037:400:DnsSwitch][\_LW\_DnsSwitchLog\_NL:791] Loss too many pkt consecutively for the master DNS server, and switch to slave, WanId:1 PhyIfName:eth0 SendCnt:9 DnsNum:2 DnsConf:223.5.5.5(Dns:3741648133 DnsStatus:2 IsMaster:1 PktRecvCnt:1 PktConsLossCnt:5) DnsConf:223.6.6.6(Dns:3741713926 DnsStatus:0 IsMaster:0 PktRecvCnt:8 PktConsLossCnt:0)  
[2024/01/10\_14:45:38.107]<INFO>[32037:400:DnsSwitch][\_LW\_DnsSwitchNodeCntReset\_NL:573] Dns switch reset cnt success(WanId:1 PhyIfName:eth0)  
[2024/01/10\_14:45:38.107]<INFO>[32037:400:DnsSwitch][LW\_RtcNetioInterfaceGet:1235] Interface Get: Ifname: eth0  
[2024/01/10\_14:45:38.107]<INFO>[32037:400:DnsSwitch][\_LW\_DnsSwitchRecvEventInit\_NL:518] Dns switch get Ip success, WanId:1 PhyIfName:eth0 ipv4:10.10.4.32(168428576)  
[2024/01/10\_14:45:38.107]<INFO>[32037:400:DnsSwitch][LW\_RtcNetioWanGetByName:2298] Wan Get, name: eth0  
[2024/01/10\_14:45:38.108]<INFO>[32037:400:DnsSwitch][\_LW\_RtcConfDumpWanIpUpd:1074] Wan Update:PhyIfName=eth0 GwIp=10.10.4.1(168428545) CtrlFlowGwIp=10.10.4.1(168428545) DnsIp:{223.6.6.6(3741713926),223.5.5.5(3741648133);} DnsIp6:{0000:0000:0000:0000:0000:0000:0000:0000,0000:0000:0000:0000:0000:0000:0000:0000;}   
[2024/01/10\_14:45:38.111]<INFO>[32037:400:DnsSwitch][\_LW\_DnsSwitchUpdateWanDnsMaster\_NL:716] Dns switch update wan dns success, PhyIfName:eth0 from 223.5.5.5(3741648133) to 223.6.6.6(3741713926)  
[2024/01/10\_14:45:38.111]<INFO>[32037:400:DnsSwitch][\_LW\_DnsSwitchLog\_NL:791] Dns switch update status  
[2024/01/10\_14:45:48.108]<INFO>[32037:400:DnsSwitch][\_LW\_FormatPrintMsg:431] Send Msg: Type = 413 netId:0 transactionId:25 msgBase{ interfaceReport{ ifStatus:6 wanId:1 ifName:"eth0" seqID:1649760493 dnsList:3741648133 dnsList:3741713926 } }   
[2024/01/10\_14:45:48.108]<INFO:CommClient>[32037:400:DnsSwitch][LW\_InsertMsgQueue:165] CommClient: Insert msg with TransactionId = 25, Type = 413, queue size = 1!  
[2024/01/10\_14:45:48.110]<INFO>[32037:400:DnsSwitch][\_LW\_FormatPrintMsg:431] Send Msg: Type = 413 netId:0 transactionId:26 msgBase{ interfaceReport{ ifStatus:9 wanId:1 ifName:"eth0" seqID:596516650 dnsList:3741648133 dnsList:3741713926 dnsStatusList:2 dnsStatusList:0 } }   
[2024/01/10\_14:45:48.110]<INFO:CommClient>[32037:400:DnsSwitch][LW\_InsertMsgQueue:165] CommClient: Insert msg with TransactionId = 26, Type = 413, queue size = 2!  
[2024/01/10\_14:45:49.042]<INFO>[32037:901:CommClientRecv][LW\_DnsSwitchReplyHandler:2026] Dns switch received orch reply(WanId:1 PhyIfName:eth0 SeqId:1649760493)  
[2024/01/10\_14:45:51.599]<INFO>[32037:901:CommClientRecv][LW\_DnsSwitchReplyHandler:2026] Dns switch received orch reply(WanId:1 PhyIfName:eth0 SeqId:596516650)  
  
  
  
第二次告警  
[2024/01/10\_14:48:58.108]<INFO>[32037:400:DnsSwitch][\_LW\_DnsSwitchLog\_NL:791] Dns receive packets compare, WanId:1 PhyIfName:eth0 SendCnt:100 DnsNum:2 DnsConf:223.5.5.5(Dns:3741648133 DnsStatus:2 IsMaster:0 PktRecvCnt:3 PktConsLossCnt:6) DnsConf:223.6.6.6(Dns:3741713926 DnsStatus:1 IsMaster:1 PktRecvCnt:92 PktConsLossCnt:0)  
[2024/01/10\_14:48:58.108]<INFO>[32037:400:DnsSwitch][\_LW\_DnsSwitchNodeCntReset\_NL:573] Dns switch reset cnt success(WanId:1 PhyIfName:eth0)  
[2024/01/10\_14:48:58.108]<INFO>[32037:400:DnsSwitch][LW\_RtcNetioInterfaceGet:1235] Interface Get: Ifname: eth0  
[2024/01/10\_14:48:58.108]<INFO>[32037:400:DnsSwitch][\_LW\_DnsSwitchRecvEventInit\_NL:518] Dns switch get Ip success, WanId:1 PhyIfName:eth0 ipv4:10.10.4.32(168428576)  
[2024/01/10\_14:48:58.108]<INFO>[32037:400:DnsSwitch][\_LW\_DnsSwitchLog\_NL:791] Dns switch update status  
[2024/01/10\_14:49:08.108]<INFO>[32037:400:DnsSwitch][\_LW\_FormatPrintMsg:431] Send Msg: Type = 413 netId:0 transactionId:58 msgBase{ interfaceReport{ ifStatus:9 wanId:1 ifName:"eth0" seqID:783368691 dnsList:3741648133 dnsList:3741713926 dnsStatusList:2 dnsStatusList:1 } }   
[2024/01/10\_14:49:08.108]<INFO:CommClient>[32037:400:DnsSwitch][LW\_InsertMsgQueue:165] CommClient: Insert msg with TransactionId = 58, Type = 413, queue size = 1!  
[2024/01/10\_14:49:08.673]<INFO>[32037:901:CommClientRecv][LW\_DnsSwitchReplyHandler:2026] Dns switch received orch reply(WanId:1 PhyIfName:eth0 SeqId:783368691)  
:eth0 SeqId:783368691)

### **四、dns探测域名**

探测域名配置：



域名配置消息（POP平台）：

[2024/02/27\_18:35:17.503]<INFO:CommClient>[18729:18758:CommClient][\_LW\_ClientSockInit:718] CommClient: Domain 2 \_LW\_ClientSockInit src IP 168428574:0  
  
[2024/02/27\_18:35:17.926]<INFO>[18729:18763:CommClientRecv][\_LW\_FormatPrintMsg:431] Recv Msg: Type = 1 netId:0 transactionId:3009 msgBase{ configure{ tasks{ category:95 method:2 domainConf{ domainName:"https://detect-orch-test.appexcloudwan-qa.com" } } } } businessKey:"DomainConf\_1516"   
  
[LW\_SetDnsSwitchIpDetectDomain:1288] Dns switch set detect domain:detect-orch-test.appexcloudwan-qa.com  
  
[2024/02/27\_18:35:17.927]<INFO>[18729:18763:CommClientRecv][\_LW\_FormatPrintMsg:431] Send Msg: Type = 2 netId:0 transactionId:3009 msgBase{ configureReply{ results:0 } } businessKey:"DomainConf\_1516"

域名配置消息（CPE平台）：

[2024/02/28\_13:13:52.688]<INFO>[20912:21877:CommClientRecv][\_LW\_FormatPrintMsg:431] Recv Msg: Type = 1 netId:0 transactionId:1352 msgBase{ configure{ tasks{ category:95 method:2 domainConf{ domainName:"https://detect-orch-test.appexcloudwan-qa.com" } } } } businessKey:"EdgeDomainConf\_215580001\_53"   
[2024/02/28\_13:13:52.688]<DEBUG>[20912:21877:CommClientRecv][LW\_SetDnsSwitchIpDetectDomain:1265] Dns switch get domain name:https://detect-orch-test.appexcloudwan-qa.com  
[2024/02/28\_13:13:52.688]<DEBUG>[20912:21877:CommClientRecv][LW\_SetDnsSwitchIpDetectDomain:1290] Dns switch set detect domain:detect-orch-test.appexcloudwan-qa.com  
[2024/02/28\_13:13:52.689]<INFO>[20912:21877:CommClientRecv][\_LW\_FormatPrintMsg:431] Send Msg: Type = 2 netId:0 transactionId:1352 msgBase{ configureReply{ results:0 } } businessKey:"EdgeDomainConf\_215580001\_53"

### **五、dumpAgentConf功能**

为方便定位问题，会dump各个模块的数据结构，对于dnsSwitch共有两个链表，一个用来记录不同WAN，另一个用来DNS状态告警，通过dumpAgentConf可以将数据结构中的内容打印出来

cpeagent -h

[dumpAgentConf <moduleName>]: dump configuration of function modules, return moduleNames while <moduleName> equal "moduleName"

cpeagent dumpAgentConf moduleName

[root@cpe ~]# cpeagent dumpAgentConf moduleName

Dump agent conf get <moduleName>:

dnsSwitch

cpeagent dumpAgentConf dnsSwitch

[root@cpe ~]#   
[root@cpe ~]# cpeagent dumpAgentConf dnsSwitch  
Dump agent conf successed  
dnsSwitch:  
LW\_DNS\_SWITCH\_LIST\_NODE:  
WanId:1 PhyIfName:eth1 SrcIp:168428574(10.10.4.30) DnsNum:2 PktSeq:15516 PktSendCnt:14  
DnsConf[0] IsMaster:1 DnsStatus:0 Fd:76 Dns:1920103026(114.114.114.114) PktRecvFlag:1 PktRecvCnt:14 PktConsLossCnt:0  
DnsConf[1] IsMaster:0 DnsStatus:2 Fd:77 Dns:84215045(5.5.5.5) PktRecvFlag:0 PktRecvCnt:0 PktConsLossCnt:9  
  
LW\_DNS\_SWITCH\_REPORT\_LIST\_NODE:  
SeqId:1369321802 SendCnt:0 IfStatus:9 WanId:1 PhyIfName:eth1 DnsNum:2  
Dns[0]:1920103026(114.114.114.114) DnsStatus[0]:0  
Dns[1]:84215045(5.5.5.5) DnsStatus[1]:2  
  
[root@cpe ~]#

cpeagent dumpAgentConf xxxModule

[root@cpe ~]# cpeagent dumpAgentConf xxxModule

Dump agent conf invalid, moduleName:xxxModule

[root@cpe ~]#