# 1.查询路由实例接口

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| 功能点 | 查询 |
| 接口 | /controller/sdwan/v1/vpnprofile/getRoutingInstance?select= name;interfaces;networks&deviceName={deviceName} |
| 方法 | GET |
| 请求参数 | select=name;interfaces;networks&devicename={deviceName} |
| 返回内容 | {  "status": "",  "message":"",  " routing-instance":[  {  “name”：String,  "networks" :[  “”,  ……  ],  "interfaces":[  “”,  ……  ]  },  ......  ]  } |

# 2.查询本地接口接口

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| 功能点 | 查询 |
| 接口 | /controller/sdwan/v1/vpnprofile/getLocalInterface?deviceName={deviceName} |
| 方法 | GET |
| 请求参数 | deviceName={deviceName} |
| 返回内容 | {  "status": "",  "message":"",  "networks":[  {  "name" : String,  " interfaces":[  “”,  ……  ]  },  ......  ]  } |

# 3.查询隧道路由实例接口

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| 功能点 | 查询 |
| 接口 | /controller/sdwan/v1/vpnprofile/getTunnelRoutingInstance?deviceName={deviceName}&orgName={orgName} |
| 方法 | GET |
| 请求参数 | deviceName={deviceName}&orgName={orgName} |
| 返回内容 | {  "status": "",  "message":"",  " available-routing-instances":[  “”,  ......  ]  } |

# 4.查询隧道接口接口

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| 功能点 | 查询 |
| 接口 | /controller/sdwan/v1/vpnprofile/getTunnelRoutingInstance? deviceName={deviceName}&tunnelInterfaceParam=tvi(name;unit(name)) |
| 方法 | GET |
| 请求参数 | deviceName={deviceName}&tunnelInterfaceParam=tvi(name;unit(name)) |
| 返回内容 | {  "status": "",  "message":"",  " interfaces ":{  tvi:[  {  "name" : String,  "unit": [  {  “name”:”String”,  “enable”:true/false,  “family”:{}  }  ]  },  ……  ]  }  } |

# 5.VPN配置文件创建接口

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| 功能点 | 创建VPN配置文件 |
| 接口 | /controller/sdwan/v1/vpnprofile/create |
| 方法 | POST |
| 请求参数 | {  "vpnProfile": {  “deviceName”:””,  “orgName”:””,  "name": "", //vpn配置文件名  "vpnType": "", //vpn类型  "tunnelInitiate": "", //隧道启动  "hardwareAccelerator": "", //硬件加速器  "routingInstance": "", //路由实例  "branchSdwanProfile": "", //分支sdwan配置文件  “precedence”:Integer,//优先级  “remoteAuthType”:””,//远端认证类型  “certAuthClients”:{ //鉴权认证客户端 证书  remoteCertClient:[“”,……];  },  “pskAuthClients”:{ //鉴权认证客户端 psk  remoteClient:[””,……],  },  "tunnelRoutingInstance": "",//隧道路由实例  "tunnelInterface": "", //隧道接口  "revocationCheck": "", //撤销检查  “rule”:[  {  “name”:””,//名称  “protocol”:””,//协议  ”src”:  {  “inet”:””,//ipv4源地址/前缀  ”port”:””//源端口  },  “dst”:  {  “int”:””,//ipv4目标地址/前缀  ”port”:””//目的端口  }  },  ……  ]  "localAuthInfo": {  "authType": "", //认证鉴权类型  "idString": "", //身份  "idType": "", //认证身份类型  "key": "", //认证共享密钥  "caChain": "", //认证CA链  "certDomain": "", //证书域  "certName": "" //证书名称  },  "peerAuthInfo": {  "authType": "", //鉴权类型  "caChain": "", //认证CA链  "idType": "", //认证身份类型  "key": "", //认证共享密钥  "idString": "" //身份  },  "Ipsec": {  "fragmentation": "",//碎片  "forceNatT": "", //强制NAT-T配置  "mode": "", //模式  "pfsGroup": "", //转发保密模式  "antiReplay": "", //反重播  "transform": "", //变换  “pfsGroups”:[“”,……],//转发保密模式  “hashAlgorithms”:[“”,……],//newhash算法  “encryptionAlgorithms”:[“”,……],//vnms.ipsec.encryption\_algorithm  "life": {  "duration": "",//IPsec重新启动时间  "volume": "" //IPsec重新启动卷  },  "keepaliveTimeout": ""//保持活动超时  },  alarms:{  "ikeAuthFailure": "enable/disable",//第一个checkbox  "ikeStateChange": "disable/enable",//第二个checkbox  "ipsecStateChange": "enable/disable"//第三个checkbox  }  "ike": {  "version": "", //版本  "group": "", //DH组  "transform": "", //变换  "lifetime": "", //Rekey时间  "dpdTimeout": "", //DPD超时  "authDomain": "",//鉴权域  "mode": "", //模式  “hashAlgorithms”:[””,……],//哈希算法  “encryptionAlgorithms”:[“”,……],//vms.ipsec.encrtption\_algorithm  “groups”:[“”,……]//DH组  },  "local": {  "address": "", //本地ip  "inet": "", //本地ip末位信息  "interfaceName": "",//本地接口  "hostname": "" //本地主机名  },  "peer": {  "address": ["","",......],//对等ip  "inet": "", //对等ip末位信息  “hostname”:”” //对等主机名  “peerFqdnList”:[“”,……]//FQDN  }  }  } |
| 返回内容 | {  "status": "",  "message":""  } |

# 6.全量vpn配置文件查询接口

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| 功能点 | 查询VPN配置文件 |
| 接口 | /controller/sdwan/v1/vpnprofile? orgname=xxxx&devicename=xxxx&offset=0&limit=10 |
| 方法 | GET |
| 请求参数 | orgname=xxxx&devicename=xxxx&offset=0&limit=10 |
| 返回内容 | {  "status": "",  "message":"",  "vpnProfile":[  {  “name”：String  "tunnelnitiate" : String,  “vpnType” : String  " hardwareAccelerator":String,  “routingInstance”: String,  “tunnelRoutingInstance”:String,  " tunnelInterface":String,  “branchSdwanProfile:””,  “precedence”:Integer,//优先级  “remoteAuthType”:””,//远端认证类型  “certAuthClients”:{ //鉴权认证客户端 证书  remoteCertClient:[“”,……];  },  “pskAuthClients”:{ //鉴权认证客户端 psk  remoteClient:[””,……],  },  “revocationCheck”: String,  “alarms”:{  “ipsecStateChange”:String,  “ikeStateChange”:String,  “ikeAuthFailure”:String  },  “localAuthInfo”:{  “authType”:String,  “idType”:String,  “key”:String,  “idString”:String,  “caChain”:String,  “certDomain”:String,  “certName”:String  },  " peerAuthInfo":{  “authType”:String,  “idType”:String,  “idString”:String,  “key”:String,  “caChain”:String  },  “ipsec”: {  “forceNatT”:String,  “fragmentation:String,  “transform”:String,  “pfsGroup”:String,  “mode”:String,  “pfsGroups”:String,  “hashAlgorithms”:String[],  “encryptionAlgorithms”:String[],  “antiReplay”:String,  “keepaliveTimeout”:String,  “Life”:{  “duration”:String,  “volume”:String  }  },  “local”:{  “address”:String,  “inet”:String,  “interfaceName”:String,  “hostname”:String  },  "ike":{  “version”:String,  “mode”:String,  “group”:String,  “transform”:String,  “authDimain”:String,  “dpdTimeout”:String,  “lifetime”:String,  “hashAlgorithms”:String[],  “encryptionAlgorithms”:String[],  “groups”:String[]  },  “peer”: {  “address”:String[],  “inet”:String,  “hostname”:String,  “peerFqdnList”:String[]  }  },  ......  ]  } |

# 7.租户修改单个vpn文件接口

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| 功能点 | 修改VPN配置文件 |
| 接口 | /controller/sdwan/v1/vpnprofile/modify |
| 方法 | POST |
| 请求参数 | {  "vpnProfile": {  "name": "",  "vpnType": "",  "tunnelInitiate": "",  "hardwareAccelerator": "",  "routingInstance": "",  "branchSdwanProfile": "",  “precedence”:Integer,//优先级  “remoteAuthType”:””,//远端认证类型  “certAuthClients”:{ //鉴权认证客户端 证书  remoteCertClient:[“”,……];  },  “pskAuthClients”:{  remoteClient:[””,……], //鉴权认证客户端 psk  },  "tunnelRoutingInstance": "",  "tunnelInterface": "",  "revocationCheck": "",  "localAuthInfo": {  "authType": "",  "idString": "",  "idType": "",  "key": "",  "caChain": "",  "certDomain": "",  "certName": ""  },  "peerAuthInfo": {  "authType": "",  "caChain": "",  "authType": "",  "idType": "",  "key": "",  "idString": ""  },  "Ipsec": {  "fragmentation": "",  "forceNatT": "",  "mode": "",  "pfsGroup": "",  "antiReplay": "",  "transform": "",  "life": {  "duration": "",  "volume": ""  },  "keepaliveTimeout": "",  “pfsGroups”:[“”,……],  “hashAlgorithms”:[“”,……],  “encryptionAlgorithms”:[“”,……],  },  "ike": {  "version": "",  "group": "",  "transform": "",  "lifetime": "",  "dpdTimeout": "",  "authDomain": "",  "mode": "",  “hashAlgorithms”:[””,……],  “encryptionAlgorithms”:[“”,……],  “groups”:[“”,……]  },  "local": {  "address": "",  "inet": "",  "interfaceName": "",  "hostname": ""  },  "peer": {  "address": ["","",......],  "inet": "",  “hostname”:””,  “peerFqdnList”:[“”,……]  }  }  } |
| 返回内容 | {  "status": "",  "message":""  } |

# 8.租户移除vpn配置文件接口

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| --- | --- |
| 功能点 | 删除VPN配置文件 |
| 接口 | /controller/sdwan/v1/vpnprofile/delete |
| 方法 | DELET |
| 请求参数 | {  "profileNames": ["",……],  "deviceName":"",  " orgName":””  } |
| 返回内容 | {  "status": "",  "message":""  } |