

[Apr 10, 2022, 11:33:50] OpenVPN core 3.git::d3f8b18b mac x86_64 64-bit built on Feb 17 2022 02:15:05

↵[Apr 10, 2022, 11:33:50] Frame=512/2048/512 mssfix-ctrl=1250

↵[Apr 10, 2022, 11:33:50] UNUSED OPTIONS

5 [user] [nobody]

6 [group] [nobody]

7 [persist-key]

8 [persist-tun]

12 [verb] [3]

↵[Apr 10, 2022, 11:33:50] EVENT: RESOLVE ↵[Apr 10, 2022, 11:33:50]

Contacting 24.xxx.xxx.62:1194 via UDP

↵[Apr 10, 2022, 11:33:50] EVENT: WAIT ↵[Apr 10, 2022, 11:33:50]

UnixCommandAgent: transmitting bypass route to /var/run/
agent_ovpnconnect.sock

{

 "host" : "24.xxx.xxx.62",

 "ipv6" : false,

 "pid" : 7365

}

↵[Apr 10, 2022, 11:33:50] Connecting to [24.xxx.xxx.62]:1194
(24.xxx.xxx.62) via UDPv4

↵[Apr 10, 2022, 11:33:50] EVENT: CONNECTING ↵[Apr 10, 2022, 11:33:50]

Tunnel Options:V4,dev-type tun,link-mtu 1569,tun-mtu 1500,proto
UDPv4,cipher AES-256-CBC,auth SHA256,keysize 256,key-method 2,tls-
client

↵[Apr 10, 2022, 11:33:50] Creds: UsernameEmpty/PasswordEmpty

↵[Apr 10, 2022, 11:33:50] Peer Info:

IV_VER=3.git::d3f8b18b

IV_PLAT=mac

IV_NCP=2

IV_TCPNL=1

IV_PROTO=30

IV_CIPHERS=AES-256-GCM:AES-128-GCM:CHACHA20-POLY1305:AES-256-CBC

IV_AUTO_SESS=1

IV_GUI_VER=OCmacOS_3.3.4-4269

IV_SS0=webauth,openurl,crtext

↵[Apr 10, 2022, 11:33:50] SSL Handshake: peer certificate:

CN=vpn.mywebsite.ca, 2048 bit RSA, cipher: TLS_AES_256_GCM_SHA384

TLSv1.3 Kx=any Au=any Enc=AESGCM(256) Mac=AEAD

↵[Apr 10, 2022, 11:33:50] Session is ACTIVE

↵[Apr 10, 2022, 11:33:50] EVENT: GET_CONFIG ↵[Apr 10, 2022, 11:33:50]

Sending PUSH_REQUEST to server...

↵[Apr 10, 2022, 11:33:50] OPTIONS:

0 [route] [176.16.0.0] [255.255.255.0]

1 [redirect-gateway] [def1] [bypass-dhcp]

2 [dhcp-option] [DNS] [1.1.1.1]

3 [dhcp-option] [DNS] [8.8.8.8]

```
4 [dhcp-option] [DNS] [8.8.4.4]
5 [route-gateway] [172.16.0.1]
6 [topology] [subnet]
7 [ifconfig] [172.16.0.5] [255.255.255.0]
8 [peer-id] [3]
9 [cipher] [AES-256-GCM]
```

↵[Apr 10, 2022, 11:33:50] PROTOCOL OPTIONS:

```
  cipher: AES-256-GCM
  digest: NONE
  key-derivation: OpenVPN PRF
  compress: NONE
  peer ID: 3
```

↵[Apr 10, 2022, 11:33:50] TunPersist: short-term connection scope

↵[Apr 10, 2022, 11:33:50] TunPersist: new tun context

↵[Apr 10, 2022, 11:33:50] EVENT: ASSIGN_IP ↵[Apr 10, 2022, 11:33:50]

CAPTURED OPTIONS:

Session Name: 24.xxx.xxx.62

Layer: OSI_LAYER_3

MTU: 1500

Remote Address: 24.xxx.xxx.62

Tunnel Addresses:

172.16.0.5/24 -> 172.16.0.1

Reroute Gateway: IPv4=1 IPv6=0 flags=[ENABLE REROUTE_GW DEF1

BYPASS_DHCP IPv4]

Block IPv6: no

Add Routes:

176.16.0.0/24

Exclude Routes:

DNS Servers:

1.1.1.1

8.8.8.8

8.8.4.4

Search Domains:

↵[Apr 10, 2022, 11:33:50] SetupClient: transmitting tun setup list
to /var/run/agent_ovpnconnect.sock

```
{
  "config" :
  {
    "iface_name" : "",
    "layer" : "OSI_LAYER_3",
    "tun_prefix" : false
  },
  "pid" : 7365,
  "tun" :
  {
    "adapter_domain_suffix" : "",
    "add_routes" :
    [
```

```

        {
            "address" : "176.16.0.0",
            "gateway" : "",
            "ipv6" : false,
            "metric" : -1,
            "net30" : false,
            "prefix_length" : 24
        }
    ],
    "block_ipv6" : false,
    "dns_servers" :
    [
        {
            "address" : "1.1.1.1",
            "ipv6" : false
        },
        {
            "address" : "8.8.8.8",
            "ipv6" : false
        },
        {
            "address" : "8.8.4.4",
            "ipv6" : false
        }
    ],
    "layer" : 3,
    "mtu" : 1500,
    "remote_address" :
    {
        "address" : "24.xxx.xxx.62",
        "ipv6" : false
    },
    "reroute_gw" :
    {
        "flags" : 307,
        "ipv4" : true,
        "ipv6" : false
    },
    "route_metric_default" : -1,
    "session_name" : "24.xxx.xxx.62",
    "tunnel_address_index_ipv4" : 0,
    "tunnel_address_index_ipv6" : -1,
    "tunnel_addresses" :
    [
        {
            "address" : "172.16.0.5",
            "gateway" : "172.16.0.1",
            "ipv6" : false,
            "metric" : -1,
            "net30" : false,

```

```

        "prefix_length" : 24
    }
}
}
POST unix://[/var/run/agent_ovpnconnect.sock]/tun-setup : 200 OK
{
    "iface_name" : "utun1",
    "layer" : "OSI_LAYER_3",
    "tun_prefix" : true
}
/sbin/ifconfig utun1 down
/sbin/ifconfig utun1 172.16.0.5 172.16.0.1 netmask 255.255.255.0 mtu
1500 up
/sbin/route add -net 172.16.0.0 -netmask 255.255.255.0 172.16.0.5
add net 172.16.0.0: gateway 172.16.0.5
/sbin/route add -net 176.16.0.0 -netmask 255.255.255.0 172.16.0.1
add net 176.16.0.0: gateway 172.16.0.1
/sbin/route add -net 24.xxx.xxx.62 -netmask 255.255.255.255 10.0.1.1
add net 24.xxx.xxx.62: gateway 10.0.1.1
/sbin/route add -net 0.0.0.0 -netmask 128.0.0.0 172.16.0.1
add net 0.0.0.0: gateway 172.16.0.1
/sbin/route add -net 128.0.0.0 -netmask 128.0.0.0 172.16.0.1
add net 128.0.0.0: gateway 172.16.0.1
MacDNSAction: FLAGS=F RD=1 SO=5000 DNS=1.1.1.1,8.8.8.8,8.8.4.4 DOM=
ADS=
open utun1 SUCCEEDED
[Apr 10, 2022, 11:33:50] Connected via utun1
[Apr 10, 2022, 11:33:50] EVENT: CONNECTED 24.xxx.xxx.62:1194
(24.xxx.xxx.62) via /UDPv4 on utun1/172.16.0.5/ gw=[172.16.0.1/] [Apr
10, 2022, 11:34:30] Session invalidated: KEEPALIVE_TIMEOUT
[Apr 10, 2022, 11:34:30] Client terminated, restarting in 2000 ms...
[Apr 10, 2022, 11:34:30] MacLifecycle NET_IFACE en1
[Apr 10, 2022, 11:34:30] SetupClient: transmitting tun destroy
request to /var/run/agent_ovpnconnect.sock
GET unix://[/var/run/agent_ovpnconnect.sock]/tun-destroy : 200 OK
/sbin/route delete -net 172.16.0.0 -netmask 255.255.255.0 172.16.0.5
delete net 172.16.0.0: gateway 172.16.0.5
/sbin/route delete -net 176.16.0.0 -netmask 255.255.255.0 172.16.0.1
delete net 176.16.0.0: gateway 172.16.0.1
/sbin/route delete -net 24.xxx.xxx.62 -netmask 255.255.255.255
10.0.1.1
delete net 24.xxx.xxx.62: gateway 10.0.1.1
/sbin/route delete -net 0.0.0.0 -netmask 128.0.0.0 172.16.0.1
delete net 0.0.0.0: gateway 172.16.0.1
/sbin/route delete -net 128.0.0.0 -netmask 128.0.0.0 172.16.0.1
delete net 128.0.0.0: gateway 172.16.0.1
/sbin/ifconfig utun1 down
MacDNSAction: FLAGS=F
[Apr 10, 2022, 11:34:30] MacLifecycle NET_IFACE en1

```

```
↵[Apr 10, 2022, 11:34:30] MacLifeCycle NET_STATE 1
status=ReachableViaWiFi flags=-R -----
↵[Apr 10, 2022, 11:34:32] EVENT: RECONNECTING ↵[Apr 10, 2022,
11:34:32] EVENT: RESOLVE ↵[Apr 10, 2022, 11:34:32] Contacting
24.xxx.xxx.62:1194 via UDP
↵[Apr 10, 2022, 11:34:32] EVENT: WAIT ↵[Apr 10, 2022, 11:34:32]
UnixCommandAgent: transmitting bypass route to /var/run/
agent_ovpnconnect.sock
{
    "host" : "24.xxx.xxx.62",
    "ipv6" : false,
    "pid" : 7365
}

↵[Apr 10, 2022, 11:34:32] Connecting to [24.xxx.xxx.62]:1194
(24.xxx.xxx.62) via UDPv4
↵[Apr 10, 2022, 11:34:32] EVENT: CONNECTING ↵[Apr 10, 2022, 11:34:32]
Tunnel Options:V4,dev-type tun,link-mtu 1569,tun-mtu 1500,proto
UDPv4,cipher AES-256-CBC,auth SHA256,keysizes 256,key-method 2,tls-
client
↵[Apr 10, 2022, 11:34:32] Creds: UsernameEmpty/PasswordEmpty
↵[Apr 10, 2022, 11:34:32] Peer Info:
IV_VER=3.git::d3f8b18b
IV_PLAT=mac
IV_NCP=2
IV_TCPNL=1
IV_PROTO=30
IV_CIPHERS=AES-256-GCM:AES-128-GCM:CHACHA20-POLY1305:AES-256-CBC
IV_AUTO_SESS=1
IV_GUI_VER=OCmacOS_3.3.4-4269
IV_SS0=webauth,openurl,crtext

↵[Apr 10, 2022, 11:34:32] SSL Handshake: peer certificate:
CN=vpn.mywebsite.ca, 2048 bit RSA, cipher: TLS_AES_256_GCM_SHA384
TLSv1.3 Kx=any Au=any Enc=AESGCM(256) Mac=AEAD

↵[Apr 10, 2022, 11:34:32] Session is ACTIVE
↵[Apr 10, 2022, 11:34:32] EVENT: GET_CONFIG ↵[Apr 10, 2022, 11:34:32]
Sending PUSH_REQUEST to server...
↵[Apr 10, 2022, 11:34:32] OPTIONS:
0 [route] [176.16.0.0] [255.255.255.0]
1 [redirect-gateway] [def1] [bypass-dhcp]
2 [dhcp-option] [DNS] [1.1.1.1]
3 [dhcp-option] [DNS] [8.8.8.8]
4 [dhcp-option] [DNS] [8.8.4.4]
5 [route-gateway] [172.16.0.1]
6 [topology] [subnet]
7 [ifconfig] [172.16.0.2] [255.255.255.0]
8 [peer-id] [0]
9 [cipher] [AES-256-GCM]
```

```
↵[Apr 10, 2022, 11:34:32] PROTOCOL OPTIONS:
  cipher: AES-256-GCM
  digest: NONE
  key-derivation: OpenVPN PRF
  compress: NONE
  peer ID: 0
↵[Apr 10, 2022, 11:34:32] TunPersist: short-term connection scope
↵[Apr 10, 2022, 11:34:32] TunPersist: new tun context
↵[Apr 10, 2022, 11:34:32] EVENT: ASSIGN_IP ↵[Apr 10, 2022, 11:34:32]
CAPTURED OPTIONS:
Session Name: 24.xxx.xxx.62
Layer: OSI_LAYER_3
MTU: 1500
Remote Address: 24.xxx.xxx.62
Tunnel Addresses:
  172.16.0.2/24 -> 172.16.0.1
Reroute Gateway: IPv4=1 IPv6=0 flags=[ ENABLE REROUTE_GW DEF1
BYPASS_DHCP IPv4 ]
Block IPv6: no
Add Routes:
  176.16.0.0/24
Exclude Routes:
DNS Servers:
  1.1.1.1
  8.8.8.8
  8.8.4.4
Search Domains:

↵[Apr 10, 2022, 11:34:32] MacLifeCycle NET_IFACE en1
↵[Apr 10, 2022, 11:34:32] MacLifeCycle NET_IFACE en1
↵[Apr 10, 2022, 11:34:32] SetupClient: transmitting tun setup list
to /var/run/agent_ovpnconnect.sock
{
  "config" :
  {
    "iface_name" : "",
    "layer" : "OSI_LAYER_3",
    "tun_prefix" : false
  },
  "pid" : 7365,
  "tun" :
  {
    "adapter_domain_suffix" : "",
    "add_routes" :
    [
      {
        "address" : "176.16.0.0",
        "gateway" : "",
        "ipv6" : false,
```

```

        "metric" : -1,
        "net30" : false,
        "prefix_length" : 24
    },
    ],
    "block_ipv6" : false,
    "dns_servers" :
    [
        {
            "address" : "1.1.1.1",
            "ipv6" : false
        },
        {
            "address" : "8.8.8.8",
            "ipv6" : false
        },
        {
            "address" : "8.8.4.4",
            "ipv6" : false
        }
    ],
    "layer" : 3,
    "mtu" : 1500,
    "remote_address" :
    {
        "address" : "24.xxx.xxx.62",
        "ipv6" : false
    },
    "reroute_gw" :
    {
        "flags" : 307,
        "ipv4" : true,
        "ipv6" : false
    },
    "route_metric_default" : -1,
    "session_name" : "24.xxx.xxx.62",
    "tunnel_address_index_ipv4" : 0,
    "tunnel_address_index_ipv6" : -1,
    "tunnel_addresses" :
    [
        {
            "address" : "172.16.0.2",
            "gateway" : "172.16.0.1",
            "ipv6" : false,
            "metric" : -1,
            "net30" : false,
            "prefix_length" : 24
        }
    ]
}

```

```

}
POST unix:///var/run/agent_ovpnconnect.sock/tun-setup : 200 OK
{
    "iface_name" : "utun1",
    "layer" : "OSI_LAYER_3",
    "tun_prefix" : true
}
/sbin/ifconfig utun1 down
/sbin/ifconfig utun1 172.16.0.2 172.16.0.1 netmask 255.255.255.0 mtu
1500 up
/sbin/route add -net 172.16.0.0 -netmask 255.255.255.0 172.16.0.2
add net 172.16.0.0: gateway 172.16.0.2
/sbin/route add -net 176.16.0.0 -netmask 255.255.255.0 172.16.0.1
add net 176.16.0.0: gateway 172.16.0.1
/sbin/route add -net 24.xxx.xxx.62 -netmask 255.255.255.255 10.0.1.1
add net 24.xxx.xxx.62: gateway 10.0.1.1
/sbin/route add -net 0.0.0.0 -netmask 128.0.0.0 172.16.0.1
add net 0.0.0.0: gateway 172.16.0.1
/sbin/route add -net 128.0.0.0 -netmask 128.0.0.0 172.16.0.1
add net 128.0.0.0: gateway 172.16.0.1
MacDNSAction: FLAGS=F RD=1 SO=5000 DNS=1.1.1.1,8.8.8.8,8.8.4.4 DOM=
ADS=
open utun1 SUCCEEDED
↵[Apr 10, 2022, 11:34:32] Connected via utun1
↵[Apr 10, 2022, 11:34:32] EVENT: CONNECTED 24.xxx.xxx.62:1194
(24.xxx.xxx.62) via /UDPv4 on utun1/172.16.0.2/ gw=[172.16.0.1/]↵[Apr
10, 2022, 11:34:32] MacLifeCycle NET_STATE 1 status=ReachableViaWiFi
flags=-R -----
↵[Apr 10, 2022, 11:34:34] Raw stats on disconnect:
  BYTES_IN : 58341
  BYTES_OUT : 71740
  PACKETS_IN : 200
  PACKETS_OUT : 543
  TUN_BYTES_IN : 53365
  TUN_BYTES_OUT : 46315
  TUN_PACKETS_IN : 520
  TUN_PACKETS_OUT : 180
  KEEPALIVE_TIMEOUT : 1
  N_RECONNECT : 1

↵[Apr 10, 2022, 11:34:34] Performance stats on disconnect:
  CPU usage (microseconds): 2285480
  Tunnel compression ratio (uplink): 1.34433
  Tunnel compression ratio (downlink): 1.25966
  Network bytes per CPU second: 56916
  Tunnel bytes per CPU second: 43614
↵[Apr 10, 2022, 11:34:34] MacLifeCycle NET_IFACE en1
↵[Apr 10, 2022, 11:34:34] SetupClient: transmitting tun destroy
request to /var/run/agent_ovpnconnect.sock
GET unix:///var/run/agent_ovpnconnect.sock/tun-destroy : 200 OK

```



```
/sbin/route delete -net 172.16.0.0 -netmask 255.255.255.0 172.16.0.2
delete net 172.16.0.0: gateway 172.16.0.2
/sbin/route delete -net 176.16.0.0 -netmask 255.255.255.0 172.16.0.1
delete net 176.16.0.0: gateway 172.16.0.1
/sbin/route delete -net 24.xxx.xxx.62 -netmask 255.255.255.255
10.0.1.1
delete net 24.xxx.xxx.62: gateway 10.0.1.1
/sbin/route delete -net 0.0.0.0 -netmask 128.0.0.0 172.16.0.1
delete net 0.0.0.0: gateway 172.16.0.1
/sbin/route delete -net 128.0.0.0 -netmask 128.0.0.0 172.16.0.1
delete net 128.0.0.0: gateway 172.16.0.1
/sbin/ifconfig utun1 down
MacDNSAction: FLAGS=F
[Apr 10, 2022, 11:34:34] EVENT: DISCONNECTED
```