

```
show crypto map                                ### Show current history (past peers-
show crypto isakmp policy
###-----
aaa new-model                                  ### Enable aaa
aaa authentication login XIAKLIST local       ### Set main Authentication method local and add it to list XIAKLIST
aaa authorization network XIAKLIST local     ### Set main Authorization method to local and add it to list XIAKLIST
!
username pieter password 123 ### CREATING LOCAL USER (Local Authentication)
!
crypto isakmp policy 1 #Let's configure the crypto policy (== IPSEC fase1), this is same for entire device!
  encryption aes                               ## Set encryption to AES
  authentication pre-share                     ## Use PSK as authentication method
  group 2                                       ## DH group (only 1, 2 or 5 supported)
  lifetime 43200                               ## ISAKMP lifetime, 43200 needed for client
!
crypto isakmp client configuration group XIAKVPN ## Let's configure the crypto client configuration and give it a name
  key XIAKPSK                                  ## IPsec PSK NEEDED ON CLIENT
  pool XIAKPOOL                                ## Name of the IP pool to draw IPs from
!
ip local pool XIAKPOOL 172.16.5.1 172.16.5.250
!
crypto ipsec transform-set XIAKSET esp-aes esp-sha-hmac ## Let's configure the IPSEC fase2 and name it, there can be more
!
crypto dynamic-map XIAKMAP 10 ## Now couple the fase2 to a map with a certain name
  set transform-set XIAKSET
  reverse-route                               ## Add reverse route injection into this map
!
crypto map XIAKVPN client authentication list XIAKLIST ### Now we create the actual VPN SERVICE
crypto map XIAKVPN isakmp authorization list XIAKLIST ## first client authentication from AAA LIST (== local)
crypto map XIAKVPN client configuration address respond ## Add authorization as specified in list (== local)
crypto map XIAKVPN 10 ipsec-isakmp dynamic XIAKMAP ## Enable XIAK VPN
crypto map XIAKVPN 10 ipsec-isakmp dynamic XIAKMAP ## now couple map (with fase2 settings) to this server
!
interface FastEthernet0/0
  crypto map XIAKVPN
###-----
--- CONNECT (XIAKVPN, XIAKPSK, 44.55.66.77, pieter, 123 )
--- SURF http://172.16.0.10
> show crypto isakmp sa ## Show security associations (current VPN connections)
```