

```
CAB. COUT -> INIZIALIZZA ROUTER E TRACHINE
                                                                   <u>€</u>: R1[0] = A
                                                                            Chemio] = B
                                                                            ~= [0] 28W
                                                                             COCAL [O]=D
        CREA " _ "STARTY -> 402 OGN ROTHER, TAKHHUL , CHEAR & STENER
                                                       CHIE USO 91 CESUOUI GOA CESSOAA 91 C- SOTUOS.
                                                      OHTS USE IN OFFICIAL GOOD SYSTEM OF SENDON
                                                                           4- IP COUTS ACO OFFAULT LIA *INDOINATED IT (SONTA) " DEU STHO
                  TURTED ID SOND OFFAULT
                   SU TUTTE LE HAKUHINE
                                                                                  SU SHOWED (4- PORCHE USVETCHE
                   CHE NON SI COMPORTANO
                    COME CLOVERO
                                                    OHTH AD 91 CHINDUI GOA CERPGOA 91 C- 707-10.
                                                                                 18 STALE TOO DELENT /10 MOISINGS IS OF 1, BOTLES COTTEN COTTEN (FORTH) OF ELHO
                                                     OHI JUST SI CHERGIONI COA ESSOOA 91 CEN ETHO
                                                                                 SYSTETICIL START APACHEZ
                                                                            4- IP COURT ACO CON TUURTED CON STUDY (\(\delta\)\)\"
                   TYURTED ID SONOS OTEOPINI
                    SU TUTTE LE HAKUHIND
                                                                                                                                        OF BOTHER WON & CONTROL
                     CHATBORROW IS NOW THO
                                                                                                                                              COURS CONTROL
           CREA LARTELLE FOR DAY LOUTER FER TARE "CLP"> R1/ETC/FRR
                                                                                                           RIPO - YES
                                                                                                            ● FILE FOR. VOUS -D ROUTER OLF
                                                                                                                                                        MELMOOK INDUSTRYO IS
                                                                                                                                                                         CALCALS OHE /...
                                                                                                                                                                         DENE CREEKE
                                                      (N.B) SE SI DEJE LOUISLANCE A LAW ESTERNE AL RIP AKKILING "REDISTRIBUTE COMMECTED"
                                                                                                                                                            LOG FILE VARILOG/FRE/FRE.LOG
                                                                                                             JH (
                                                                                                                               UTYSH. WIF - CONTROLLING WESTER - VTYSH - CONFIG
         • ARGUNGY "SYSTERICTL START FRE" AD OWN DOUTER ALTERNATIONS NOW PARTE OUR !! !
(b) con is seened (WEB) -> FAI CARTELLA -0 SERVER/WWW/HTTIS
                                                                                                                                                                  CINTHSQ- SATH. XBOWI
                                                                                                                                                                                                                   CROOMS
                                                                                                                                                                                                                          HOTO |
                                                                                                                                                                                                                    CYBOOKS
                                                                                                                                                                                                                CJITTA\>
PER TESTAME -D PING -C 1 (1110161850 1P)
                                                              LINKS HITP: // (IND/E/3320 14)
      PER CLEARE ONS, CLEA CARTELLE DEL 7190 - DILOT (ETC /BIND - DB. ROOT LAND). CONF. DANSO. CONF. DANSO. CONF. DANSO. CONF. DANSO. CONF. DANSO. CONF. DANSO.
                                                                                                                                                       T/ETL/BIND+ OB IT
                                                                                                                                                     nones/ FTC /BIND
                                                                                                                                                                                             Mango. LONF
Nameo. LONF, OFFI ONS
                                                                                                                                                    LOCAL LETE /BIND -> OB. ROOT
                                                                                                                                                                                           TUDE - CONT - COND - COMPUT - CONDUCTOR - 
                                                                                                                                                    CLIBNI/ETC & essous. CONF -> wondsouse " IP to cock"
```

ne de criens

# (4) OSPF

interface eth0 ospf cost 90

router ospf
network "indirizzo ip (spesso da direttamente la versione che comprende tutte quelle dell'area)" area 0.0.0.0
redistribute bgp
redistribute connected

log file /var/log/frr/frr.log

SE IN OSPF SONO PRESENTI PIù AREE (OLTRE QUELLA DI BACKBONE "0.0.0.0") BISOGNA INSERIRE AREA X.X.X.X STUB NO-SUMMARY. ESEMPIO:

interface eth0 ospf cost 90

router ospf

network "indirizzo ip (spesso da direttamente la versione che comprende tutte quelle dell'area)" area 0.0.0.0

network "indirizzo ip (spesso da direttamente la versione che comprende tutte quelle dell'area)" area 1.1.1.1 area 1.1.1.1 stub no-summary

redistribute bgp redistribute connected

log file /var/log/frr/frr.log



router bgp 1

no bgp ebgp-requires-policy no bgp network import check

neighbor 10.20.0.1 remote-as 20 neighbor 10.20.0.1 description Router as 20r1

"redistribute connected"

network 10.20.0.0/16

log file /var/log/frr/frr.log

### SE PRESENTE I-BGP

router bgp 1

no bgp ebgp-requires-policy no bgp network import check

neighbor 10.20.0.1 remote-as 20 neighbor 10.20.0.1 description Router as 20r1 (iBGP)

"redistribute connected"

network 10.20.0.0/16

log file /var/log/frr/frr.log



## as 10r1 applies filters in such a way to avoid sending traffic to AS20 through link C.

neighbor 10.20.0.1 prefix-list denyAny in

ip prefix-list denyAny deny any

# as10r1,(as11r1, as12r1, as13r1, and as14r1) prefer sending traffic to 20.1.0.0/24 and 20.2.0.0/24 along the paths depicted in Figure 1.

ip prefix-list collisionDomainL seq 5 permit 20.1.0.0/24 ip prefix-list collisionDomainM seq 10 permit 20.2.0.0/24

route-map localPrefL permit 10 match ip address prefix-list collisionDomainL set local-preference 110

route-map localPrefL permit 20

route-map localPrefM permit 10 match ip address prefix-list collisionDomainM set local-preference 110

route-map localPrefM permit 20

# as30r1 sets the indicated Multi Exit Discriminator (MED) value on outgoing updates.

neighbor 1.1.2.1 route-map localMedOut out

route-map localMedOut permit 10 set metric 20

### as 10r1 sets the indicated local preference value on incoming updates.

neighbor 1.1.0.2 route-map localPrefIn in

route-map localPrefIn permit 10 set local-preference 150