

For MD5:

configure terminal

router ospf 1

network (your ip) 0.0.0.255 area 0

For NTP and SYSlog:

ntp server [your server]

ntp update-calendar

ex

show clock

ntp authenticate

ntp trusted-key 1

ntp authentication-key 1 md5 NTPp55

service timestamps log datetime msec

logging host [server ip]

ex

show logging

Configure OSPF MD5 authentication for all the routers in area 0.
Configure OSPF MD5 authentication for all the routers in area 0. Below is for all routers 1,2,3
Router(config)# router ospf 1
area 0 authentication message-digest

Step 3: Configure the MD5 key for all the routers in area 0. Configure an MD5 key on the serial interfaces on R1, R2 and R3. Use the password MD5pa55forKey1

1

Router(config)# interface s0/0/0 - - - - yacha jagi aapla serial port select karaycha
ip ospf message-digest-key 1 md5 MD5pa55

Then verify it by putting following command in each router:

Router# show ip ospf interface