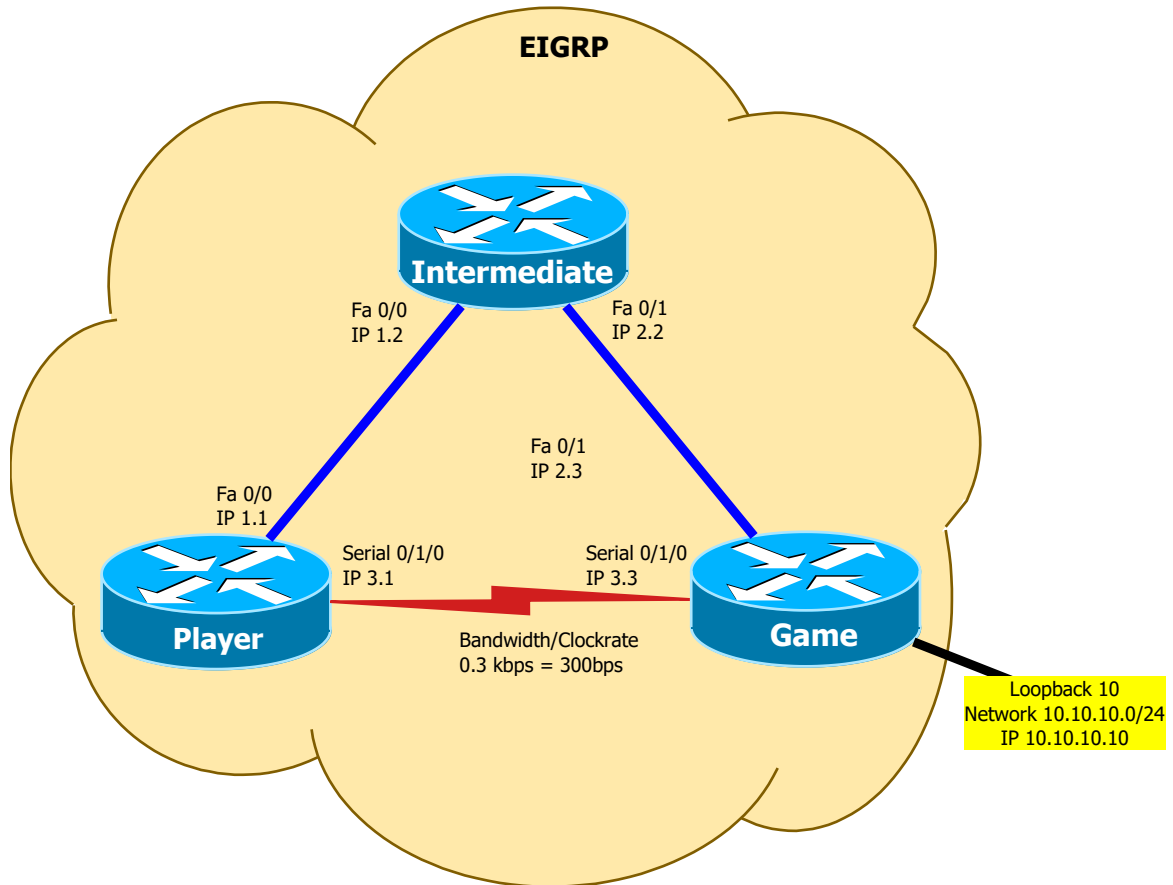


Challenge 4 SLA



1. Do basic configuration: Interface description, no DNS lookup, synchronous logging
2. Do basic management: passwords (and, if applicable, users), ssh version 2, no telnet, no http
3. Configure EIGRP everywhere; no auto summary, default passive interfaces
4. Check the routing table on PLAYER so that it routes the 10.10.10.0/24 _network_ over ethernet
5. Now create a static route for the 10.10.10.10/32 _host_ over the serial link that is used only if the ping-time is lower than 5 ms
6. Change the serial link configuration so that the static route is used
7. Check RTT with ping and path with RT and traceroute
8. Double check with `show ip sla ...`
9. Change the serial link configuration so that the static route is _not_ used
- 9 Check RTT with ping, and path with RT and traceroute
10. Double check with `show ip sla ...`

```
ip sla 1
icmp-echo 10.10.3.3
request-data-size 1500
threshold 5
!
ip sla schedule 1 life forever start now

ip route "host 10.10" 3.3 7 "if sla 1"
```

```
Robert#show ip sla configuration
IP SLAs Infrastructure Engine-II
Entry number: 1
Owner:
Tag:
Type of operation to perform: icmp-echo
Target address/Source address: 193.10.236.1/0.0.0.0
Operation timeout (milliseconds): 5000
Type Of Service parameters: 0x0
Vrf Name:
Request size (ARR data portion): 1500
Verify data: No
Schedule:
  Operation frequency (seconds): 60 (not considered if randomly scheduled)
  Next Scheduled Start Time: Pending trigger
  Group Scheduled : FALSE
  Randomly Scheduled : FALSE
  Life (seconds): 3600
  Entry Ageout (seconds): never
  Recurring (Starting Everyday): FALSE
  Status of entry (SNMP RowStatus): notInService
  Threshold (milliseconds): 5000
Distribution Statistics:
  Number of statistic hours kept: 2
  Number of statistic distribution buckets kept: 1
  Statistic distribution interval (milliseconds): 20
History Statistics:
  Number of history Lives kept: 0
  Number of history Buckets kept: 15
  History Filter Type: None
Enhanced History:
```