Redis HA setup using Sentinels

Environment followed in this documentation

Initial Master - 10.0.0.36

Initial Replica(slave) - 10.0.0.37

Sentinels - 10.0.0.36, 10.0.0.37, 10.0.0.38

- Follow this documentation to setup Redis Master and Replica
  Redis Installation
- set `replicaof` option in Replica-Redis configuration `/etc/redis/redis.conf`
  `replicaof 10.0.0.36 6379`
- set `masterauth` password in all redis VMs
  `masterauth "123"`
- Create sentinel config files on all the 3 Redis VMs `/etc/redis/sentinel.conf`
  in 10.0.0.36

```
bind 10.0.0.36
port 16379
sentinel monitor redis-cluster 10.0.0.36 6379 2
sentinel parallel-syncs redis-cluster 2
sentinel down-after-milliseconds redis-cluster 5000
sentinel auth-pass redis-cluster 123
sentinel failover-timeout redis-cluster 10000
#daemonize yes
logfile "/var/log/redis/redis-sentinel.log"
pidfile "/var/run/redis/sentinel.pid"
dir "/var/lib/redis"
```

in 10.0.0.37

```
bind 10.0.0.37
port 16379
sentinel monitor redis-cluster 10.0.0.36 6379 2
sentinel parallel-syncs redis-cluster 2
sentinel down-after-milliseconds redis-cluster 5000
sentinel auth-pass redis-cluster 123
sentinel failover-timeout redis-cluster 10000
#daemonize yes
logfile "/var/log/redis/redis-sentinel.log"
pidfile "/var/run/redis/sentinel.pid"
dir "/var/lib/redis"
```

in 10.0.0.38

```
bind 10.0.0.38
port 16379
sentinel monitor redis-cluster 10.0.0.36 6379 2
sentinel parallel-syncs redis-cluster 2
sentinel down-after-milliseconds redis-cluster 5000
sentinel auth-pass redis-cluster 123
sentinel failover-timeout redis-cluster 10000
#daemonize yes
logfile "/var/log/redis/redis-sentinel.log"
pidfile "/var/run/redis/sentinel.pid"
dir "/var/lib/redis"
```

- `sudo chown -R redis: /etc/redis/`
- **Create systemd script for Sentinel service in all the VMs** `/etc/systemd/system/redis-sentinel.service`

```
[Unit]
Description=Redis-Sentinel
After=network.target

[Service]
User=redis
Group=redis
PIDFile=/var/run/redis/sentinel.pid
ExecStart=/usr/local/bin/redis-server /etc/redis/sentinel.conf --
sentinel
ExecStop=/bin/kill -s TERM $MAINPID
Restart=always

[Install]
WantedBy=multi-user.target
```

- `sudo systemctl enable redis-sentinel`
- `sudo systemctl start redis`
- `sudo systemctl start redis-sentinel`