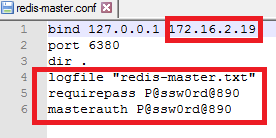
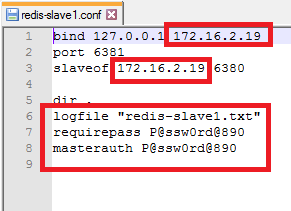
Please follow instructions in this document to deploy 3 redis sentinels, 1 redis master and 2 redis slaves on a single windows server

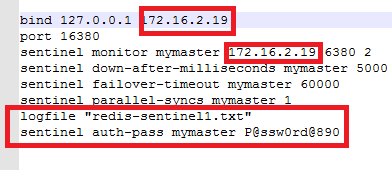
1. Copy the Redis folder, Redis-Install.bat and Redis-Uninstall.bat files to windows server
2. Update the following in redis-master.conf file present in Redis\redis-configs folder
3. Update IP in the bind config to the windows server IP, requirepass is the password required to connect to redis master instance and masterauth is the password required for slaves to connect to master.



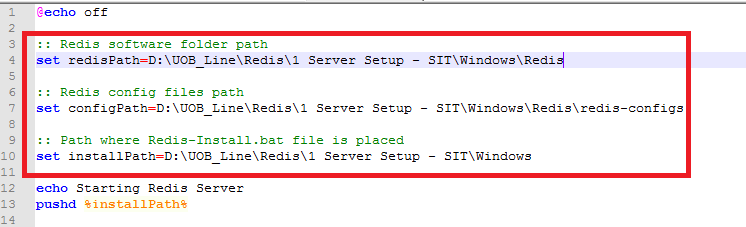
1. Logfile location can also be changed if required. Else, as per given config, it will generate in redis folder with the filename as mentioned in above screenshot
2. Update the following in redis-slave1.conf and redis-slave2.conf files present in Redis\redis-configs folder
3. Update IP in the bind and slaveof configs to the windows server IP, requirepass is the password required to connect to redis master instance and masterauth is the password required for slaves to connect to master. Make sure requirepass and masterauth have same password and are same across master and slaves config files as well. This is because any master can become slave and vice versa in failover situations and so should be using same password to connect to each other.



1. Logfile location can also be changed if required. Else, as per given config, it will generate in redis folder with the filename as mentioned in above screenshot
2. Update the following in redis-sentinel1.conf, redis-sentinel2.conf and redis-sentinel3.conf files present in Redis\redis-configs folder
3. Update IP in the bind and sentinel monitor mymaster configs to the windows server IP, auth-pass should have same password as requirepass value mentioned in master and slave configs



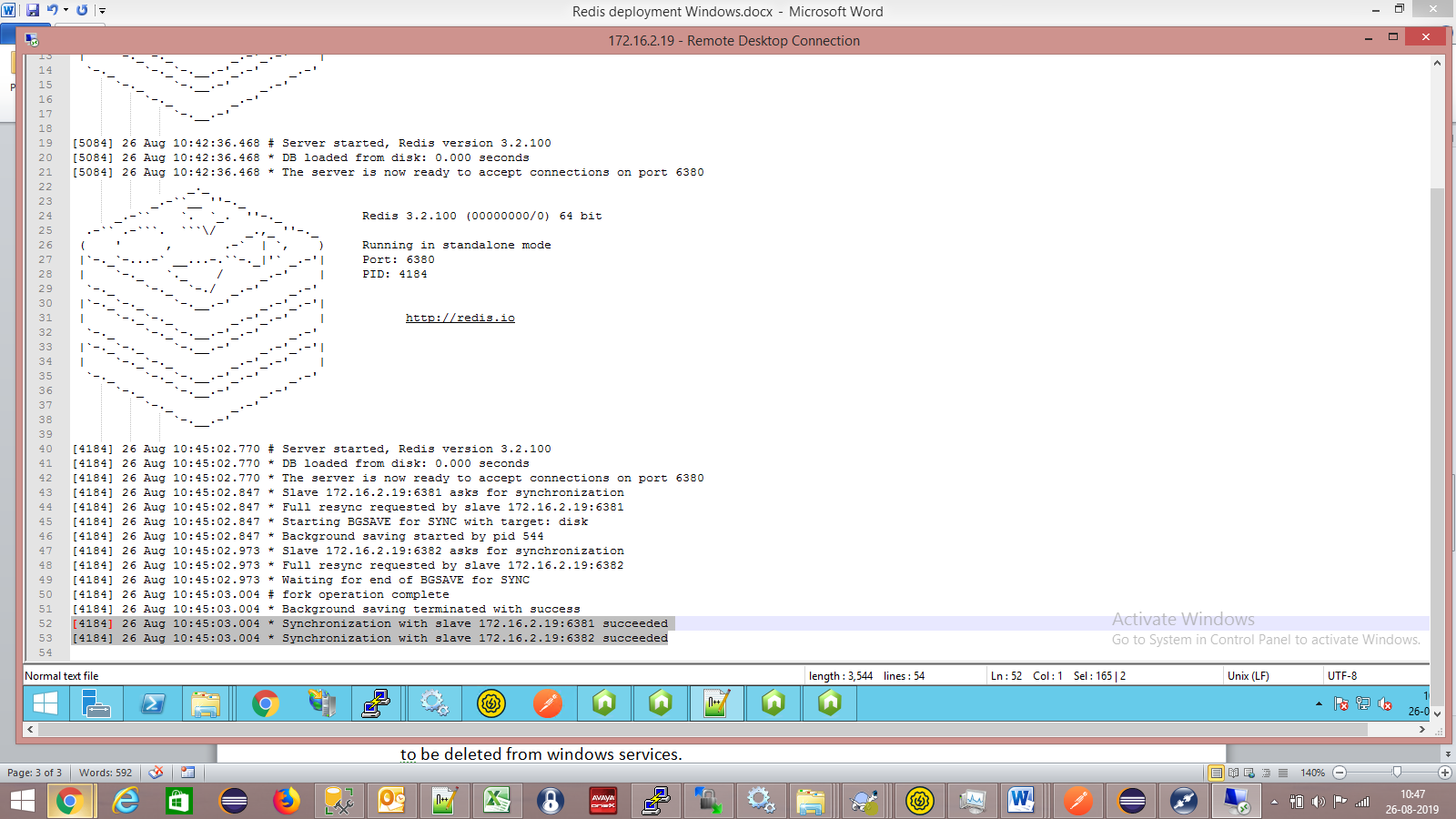
1. Logfile location can also be changed if required. Else, as per given config, it will generate in redis folder with the filename as mentioned in above screenshot
2. Redis Master is setup to use port 6380, slave 1 to use port 6381, slave2 to use port 6382, sentinels to use port 16380-16382. If you intend to change master port, make sure to change master port mentioned in slave configs and sentinel configs.
3. Once all config files are updated as mentioned above, open the file Redis-Install.bat in a notepad and update paths for redisPath, configPath and installPath. redisPath should point to Redis folder, configPath should point to folder where all master, slaves and sentinel configs are stored. installPath should point to folder where Redis\_Install.bat is present



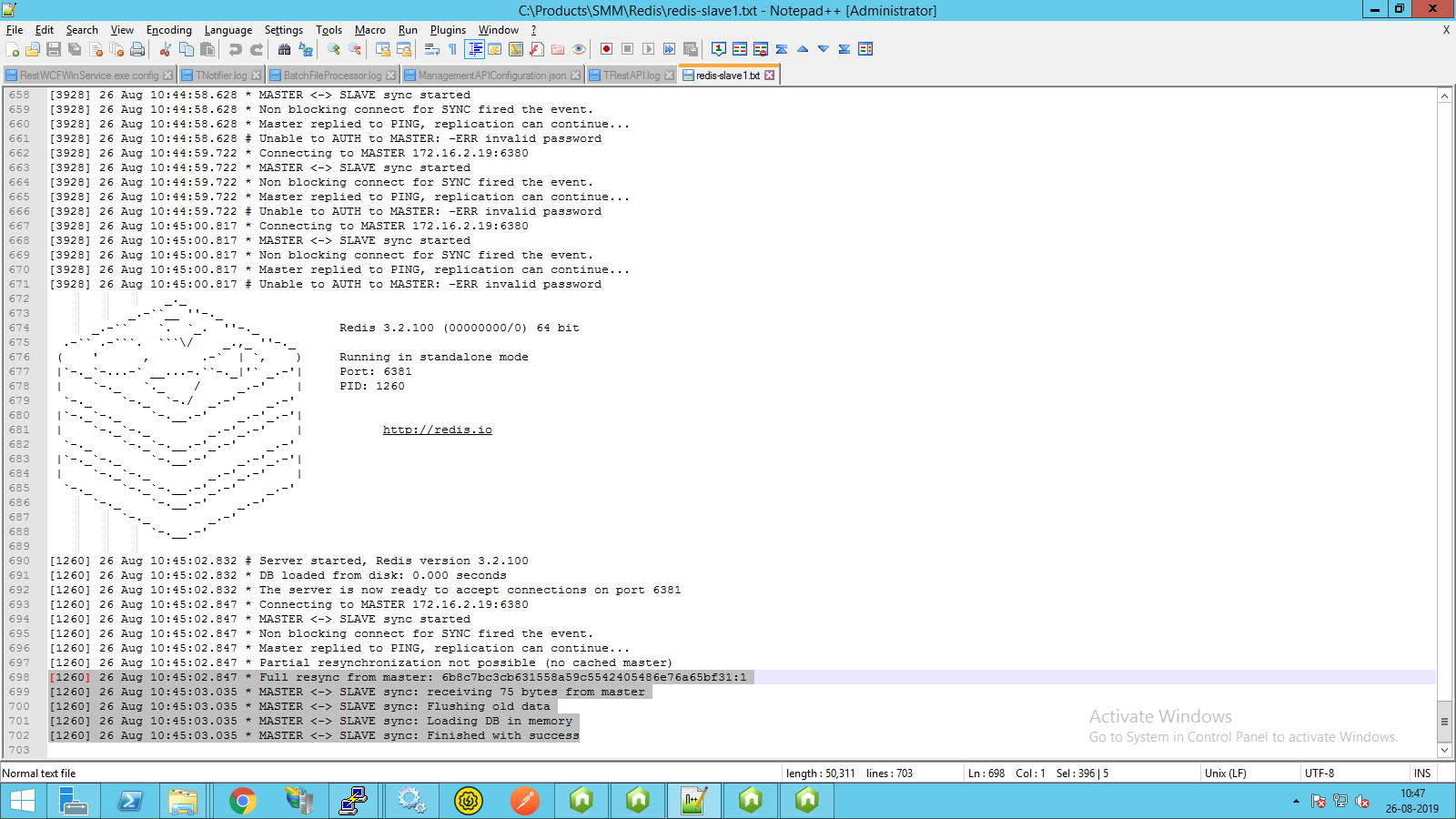
1. Save and Run the Redis\_Install.bat. This will install redis master, slave and sentinel as windows services. Make sure to execute the file with administrator access or as a user who has access to create windows services. If the script has executed successfully, you will the list of services created in services window



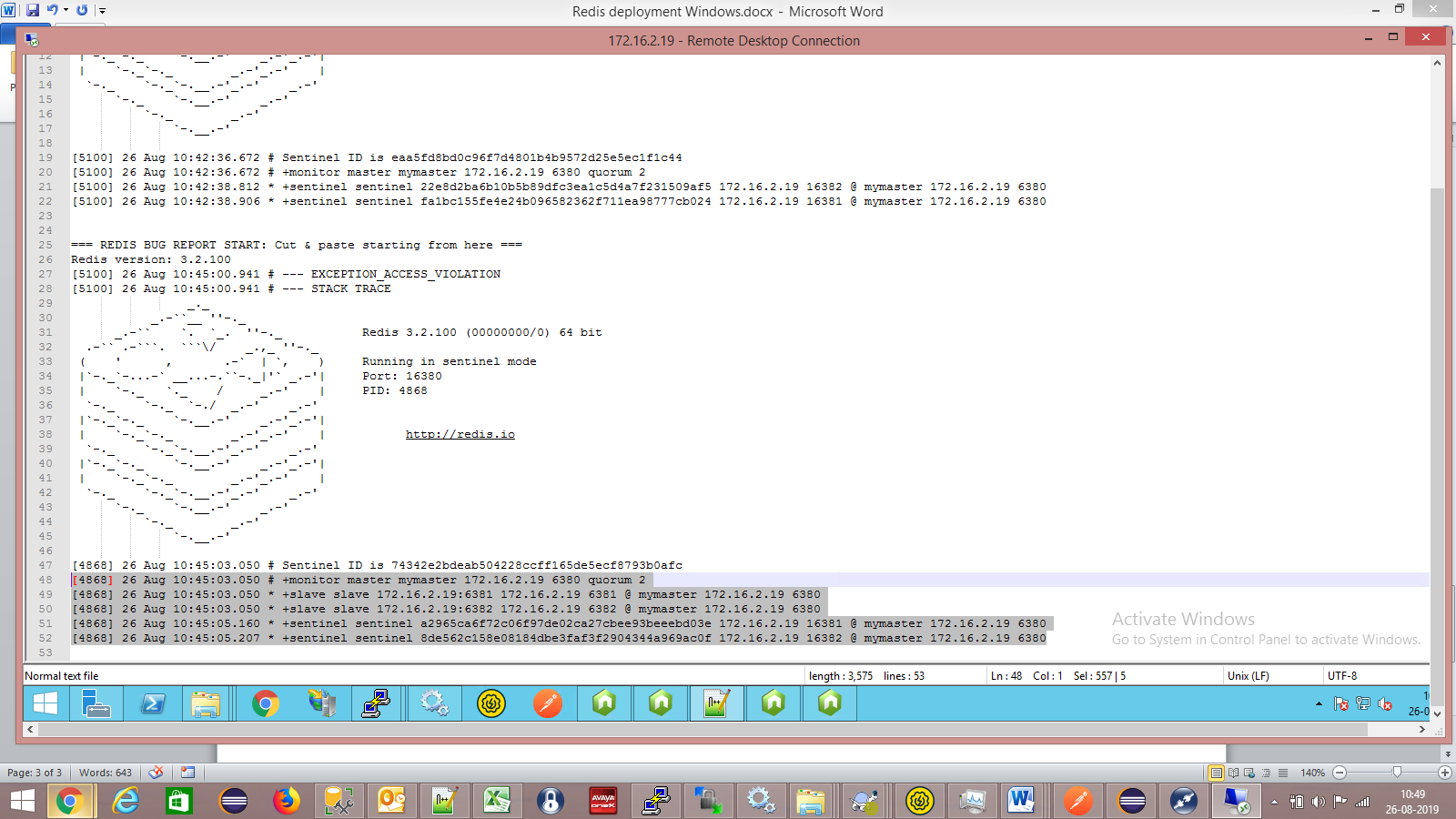
1. Open Redis-Master log file, you should see that it has started successfully and has also synchronized with slave instances successfully



1. Open slave log files and verify that they have synchronized to the master successfully



1. Open sentinel log files and verify that sentinels have been able to find each other as well as all master slave instances



1. Applications which need Redis can then point to the Sentinels through their configuration.
2. Redis-UnInstall.bat script can be used if the redis master, slaves and sentinel services need to be deleted from windows services.