# 508.https://stackoverflow.com/questions/70663279/how-to-verify-polygon-smart-contract-using-truffle

**T:**How to verify polygon smart contract using truffle?

**Q:**I deployed a simple NFT smart contract on polygon mumbai testnet but when I am trying to verify it then It is showing an error. please guide me how to verify it...  
  
This is the error which I am getting  
  
PS C:\Users\Sumits\Desktop\truffle> truffle run verify MyNFT --network matic --debugDEBUG logging is turned ONRunning truffle-plugin-verify v0.5.20Retrieving network's chain IDVerifying MyNFTReading artifact file at C:\Users\Sumits\Desktop\truffle\build\contracts\MyNFT.jsonFailed to verify 1 contract(s): MyNFTPS C:\Users\Sumits\Desktop\truffle>   
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]   
  
This is my truffle-config.js  
  
const HDWalletProvider = require('@truffle/hdwallet-provider');const fs = require('fs');const mnemonic = fs.readFileSync(".secret").toString().trim();module.exports = { networks: { development: { host: "127.0.0.1", // Localhost (default: none) port: 8545, // Standard Ethereum port (default: none) network\_id: "\*", // Any network (default: none) }, matic: { provider: () => new HDWalletProvider(mnemonic, `https://rpc-mumbai.maticvigil.com`), network\_id: 80001, confirmations: 2, timeoutBlocks: 200, skipDryRun: true }, }, // Set default mocha options here, use special reporters etc. mocha: { // timeout: 100000 }, // Configure your compilers compilers: { solc: { version: "^0.8.0", } }, plugins: ['truffle-plugin-verify'], api\_keys: { polygonscan: 'BTWY55K812M\*\*\*\*\*\*\*WM9NAAQP1H3' }}  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]

2 **Answer**

**A1:**First deploy the contract:  
  
truffle migrate --network matic --reset  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]   
  
I am not sure if you successfully deploy it to matic network, because your configuration does not seem to be correct:  
  
matic: { // make sure you set up provider correct provider: () => new HDWalletProvider(mnemonic, `https://rpc-mumbai.maticvigil.com/v1/YOURPROJECTID`), network\_id: 80001, confirmations: 2, timeoutBlocks: 200, skipDryRun: true },  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]   
  
Then verify.  
  
truffle run verify ContractName --network matic  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]   
  
ContractName should be the name of the contract, not the name of the file  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]

**A2:**please make sure you are putting the polygonscan api key in lowercase