# 418.https://stackoverflow.com/questions/71159017/getting-error-when-i-deploy-the-nft-with-eth

**T:**getting error when i deploy the NFT with ETH

**Q:**I am new in NFT, i am trying to create test NFT, when i am trying to deploy that NFT, i am getting this error,insufficient funds for intrinsic transaction cost, even though in my account have 1 ETH balance here i have attached my whole code of it, can anyone please help me, how to resolve this issue ?MyNFT.sol  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]   
  
//Contract based on [https://docs.openzeppelin.com/contracts/3.x/erc721](https://docs.openzeppelin.com/contracts/3.x/erc721)// SPDX-License-Identifier: MITpragma solidity ^0.8.0;import "@openzeppelin/contracts/token/ERC721/ERC721.sol";import "@openzeppelin/contracts/utils/Counters.sol";import "@openzeppelin/contracts/access/Ownable.sol";import "@openzeppelin/contracts/token/ERC721/extensions/ERC721URIStorage.sol";contract MyNFT is ERC721URIStorage, Ownable { using Counters for Counters.Counter; Counters.Counter private \_tokenIds; constructor() ERC721("MyNFT", "NFT") {} function mintNFT(address recipient, string memory tokenURI) public onlyOwner returns (uint256) { \_tokenIds.increment(); uint256 newItemId = \_tokenIds.current(); \_mint(recipient, newItemId); \_setTokenURI(newItemId, tokenURI); return newItemId; }}  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]   
  
hardhat.config.js  
  
/\*\*\* @type import('hardhat/config').HardhatUserConfig\*/require('dotenv').config();require("@nomiclabs/hardhat-ethers");const { API\_URL, PRIVATE\_KEY } = process.env;//console.log(PRIVATE\_KEY);module.exports = { solidity: "0.8.1", defaultNetwork: "ropsten", networks: { hardhat: {}, ropsten: { url: API\_URL, accounts: [`0x${PRIVATE\_KEY}`] } },}  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]   
  
deploy.js  
  
async function main() { const MyNFT = await ethers.getContractFactory("MyNFT") // Start deployment, returning a promise that resolves to a contract object const myNFT = await MyNFT.deploy() await myNFT.deployed() console.log("Contract deployed to address:", myNFT.address) } main() .then(() => process.exit(0)) .catch((error) => { console.error(error) process.exit(1) })   
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]

**C1:**This snippet is trying to deploy the contract to Ropsten testnet. Balance on one network does not affect balance on another. Can you confirm that you have the 1 ETH on the deployer address on Ropsten?

**C2:**yes i have 4ETH alance

**C3:**Did you get this resolved?

1 **Answer**

**A1:**That error is clear. you do not have sufficient funds. This is how you are getting the account information:  
  
const { API\_URL, PRIVATE\_KEY } = process.env;  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]   
  
I had an issue with webpack once destructuring process.env. Try this  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]   
  
// ASSUMING you pass correct private key hereconst PRIVATE\_KEY = process.env.PRIVATE\_KEY;  
  
WARN: THIS PARAGRAPH CONTAINS TAG: [CODE]   
  
console.log the private key.  
  
If it does not get resolved, that means you are not passing the correct PRIVATE\_KEY.

**C1:**I tried this and the correct private key gets printed to the console. Can you offer any other insight?