

Migrate to Ropsten:

Solution 1: With you own node

You can easily deploy on the ropsten network if you own a full node running on your machine.

i. Run geth

```
$ geth --fast --cache=1048 --testnet --unlock "0xmyaddress"
--rpc --rpcapi "eth,net,web3" --rpccorsdomain '*' --rpcaddr
localhost --rpcport 8545
```

ii. In truffle.js, add the following configure for the ropsten network

```
module.exports = {
  networks: {
    localhost: {
      host: "localhost",
      port: 8546,
      network_id: "*"
    },
    ropsten: {
      host: "localhost",
      port: 8545,
      network_id: "3"
    }
  }
};
```

iii. Deploy on the ropsten network

```
$ truffle migrate --network ropsten
```

Solution 2: With a public node like Infura

First go to INfura:

<https://infura.io/>

Sign up for an account

Create a new project

It should give you an API key

And also links if you choose to use the url instead

i. Install the needed libraries

Navigate into the project folder and run the following command:

```
npm init
```

```
npm install truffle-hdwallet-provider --save
```

ii. In *truffle.js*, Add the following code to unlock your Metamask account and configure the Infura Ropsten node as entry point by providing the mnemonic phrase (Metamask / Settings / Reveal Seed Words)

```
var HDWalletProvider = require("truffle-hdwallet-provider");
```

```
var infura_apikey = "XXXXXX";  
var mnemonic = "twelve words you can find in metamask/  
settings/reveal seed words blabla";
```

```
module.exports = {  
  networks: {  
    development: {  
      host: "localhost",  
      port: 8545,  
      network_id: "*" // Match any network id
```

```
    },  
    ropsten: {  
      provider: new HDWalletProvider(mnemonic, "https://  
ropsten.infura.io/"+infura_apikey),  
      network_id: 3  
    }  
  }  
};
```

iii. Deploy on the ropsten network

```
$ truffle migrate --network ropsten
```

—be sure to check that you code has been compiled first.