Install a16z on Casper

Learn how to install the a16z license contract on Casper (Ubuntu 20.04)

1. Clone the Git Repository a16z-casper

```
chef@jonas:~/Desktop$ git clone
https://github.com/jonas089/a16z-casper

chef@jonas:~/Desktop$ cd a16z-casper/contract
```

2. Compile the a16z Contract

```
chef@jonas:~/Desktop/a16z-casper/contract$ cargo build --
release --target wasm32-unknown-unknown
```

=> compiles contract.wasm to ./target/wasm32-unknown-unknown/release
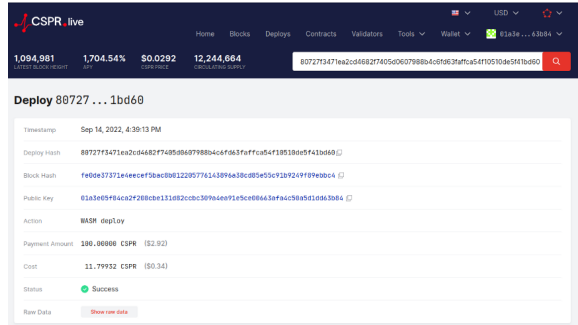

3. Install the a16z Contract (on Testnet)

```
chef@jonas:~/Desktop/a16z-casper/contract/target/wasm32-
unknown-unknown/release$ casper-client put-deploy --node-
address NODE_ADDRESS --secret-key PRIVATE_KEY_PATH --
payment-amount GAS --chain-name casper-test --session-path
contract.wasm
```

Example:

Use the testnet-explorer to verify the deploy was successful:

4. Obtain the Contract Hash of the installed a16z Contract

4.1 query current state of the blockchain—after deploy was successful !

```
chef@jonas:~/Desktop$ casper-client get-state-root-hash -n
NODE_ADDRESS
```

4.2 query account state to find a16z contract hash

```
chef@jonas:~/Desktop$ casper-client query-global-state -n
NODE_ADDRESS -s STATE_ROOT_HASH --key YOUR_ACCOUNT_HASH
```

=> Find the Contract Hash labeled as "a16z_contract_hash"