# **Desktop One Click Install**

# **1 Basics**

A table with an overview of the support status and applicability.

|  |  |
| --- | --- |
| Status: | e.g. **Supported** |
| Architecture(s): |  |
| Component(s): | Blockchain core, Bash, Putty?, C++, Python |
| Hardware: | *Desktop computer (PC, MAC, LINUX)* |

# **2 Overview**

The DOCI (Desktop One Click Install) is an instant setup method for staking DIVI on the main network. A simple bash script runs in the background upon a button click, eliminating user confusion and frustration. This is arguably the most innovative piece of technology Divi Project is creating.

# **3 User details**

A user will input the amount they would like to stake, or select a masternode level from the preset options and hit the setup button. The process must be this simple on the user side for the vision of Divi to be fully realized.

# **4 Technical details**

The script will allocate enough space on the hard drive to store the blockchain, download and install any dependencies / libraries necessary, make a directory for the relevant files, get the latest version of the Divi daemon (divid), unzip and place any files, utilize a monitor to make sure the daemon restarts in the case of failure, and finally initialize the daemon and inform the user of a successful setup.

# **5 Limitations**

Hard drive space and network connectivity could present potential limitations for the user, making the MOCCI (Master one-click cloud install) a viable secondary option.

# **6 Testing**

This feature is arguably one of the most important and will require extensive testing on the test network.

# **7 Areas for improvement**

In the future, optimization for quicker installation could be implemented.

# **8 Known issues**

This technology is brand new and extensive unit testing will bring out any issues or bugs.

# **9 References**

MOCCI - <https://github.com/Divicoin/Divicoin/tree/master/ansible-playbooks>