Install celestia-node

This tutorial goes over building and installing celestia-node. This tutorial assumes you completed the steps in [setting up your development environment](#) .

Install the celestia-node binary by running the following commands:

1. Remove any existing copy of celestia-node, clone the repository, and change into the directory:
2. bash
3. cd
4. HOME
5. rm
6. -rf
7. celestia-node
8. git
9. clone
10. https://github.com/celestiaorg/celestia-node.git
11. cd
12. celestia-node/
13. cd
14. HOME
15. rm
16. -rf
17. celestia-node
18. git
19. clone
20. https://github.com/celestiaorg/celestia-node.git
21. cd
22. celestia-node/
23. Check out to the desired version, based on the network you will use:
24. Mainnet Beta
25. Mocha
26. Arabica
27. bash
28. git
29. checkout
30. tags/v0.12.4
31. git
32. checkout
33. tags/v0.12.4
34. bash
35. git
36. checkout
37. tags/v0.13.1
38. git
39. checkout
40. tags/v0.13.1
41. bash
42. git
43. checkout
44. tags/v0.13.1
45. git
46. checkout
47. tags/v0.13.1
48. Build thecelestia
49. binary:
50. a. Standard build
51. bash
52. make
53. build
54. make
55. build
56. b. Experimental build
57. OPTIONAL
58. If you're a node operator comfortable with experimental features and seeking optimal performance with minimal RAM usage, this option is recommended for you.
59. bash
60. make

61. build-jemalloc
62. make
63. build-jemalloc
64. This build option enables CGO, and downloads and installs jemalloc
65. . Learn more about the build command
66. .
67. Install the binary:
68. Ubuntu
69. Mac
70. bash
71. make
72. install
73. make
74. install
75. bash
76. make
77. go-install
78. make
79. go-install
80. Build the cel-key
81. utility:
82. bash
83. make
84. cel-key
85. make
86. cel-key
87. Verify that the binary is working and check the version:
88. bash
89. celestia
90. version
91. celestia
92. version

The output will show the semantic version of celestia-node, commit hash, build date, system version, and Golang version.

Next steps

First, we recommend reading the overview of our node types, if you haven't yet.

Now that you've installed Celestia Node, it's time to pick your node type and run your node!

If you're planning to run a light node, we recommend the node RPC CLI tutorial .

Upgrading your binary

To upgrade your binary, you can install the latest version from the instructions above and restart your node. If you run into any issues, Refer to the troubleshooting section . [][Edit this page on GitHub] Last updated: Previous page Setting up environment Next page Install celestia-app []