

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 the celestia
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](#) []