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**NmapGUI (Network Mapper Graphical
User Interface)**

Abstract

Nmap, or Network Mapper, is a free, open source tool that is available under the GNU General Public License as published by the Free Software Foundation. It is most often used by network administrators and IT security professionals to scan corporate networks, looking for live hosts, specific services, or specific operating systems.

Nmap is great tool with vast functionalities and options but in other hand it is perplexing for novices due to its command line interface and the options it offers. NMAPGUI is project which aims in developing a Graphical User Interface which is easy to use as beginners and make upgrade some existing functionalities.

To build this project, we use the Java programming language. This generates a portable and cross-platform jar file. As a result, consumers just need to download one file for all operating systems. Beginners may now easily conduct security research, execute security audits, and learn about tools thanks to this project. Users will be able to access the app from both local and faraway places because it will be hosted on the cloud.

