***Introduction:*** FreeNAS is an open source software operating system that allows the sharing of storage over a network.

It was created in 2005. We can download the software at no cost from freenas.org and runs on x84-64 commodity hardware.

***Project Summary:***

| Organization | ixsystems |
| --- | --- |
| License | BSD License |
| Open/Repository | Repository |
| Website | /https://www.freenas.com |

***Key Features:***

* *FreeNAS features 256-bit encryption.*
* *Snapshots and replication: Snapshots of the entire file system can be scheduled.*
* *It runs on x84-64 commodity hardware.*

*We can download the software at no cost from freenas.org*

***Additional features:*** *FreeNAS and TrueNAS alongside has been maintained under the same organization- ixsystems. FreeNAS is a community-supported edition and TrueNAS is an enterprise edition.*

***Technical support:*** *64-bit software, 64 gb RAM, 256 GB internal storage.*

***Advantages:***

* *Data Backup*
* *Security*

***Disadvantages:***

* *Time consuming.*