

Free Software, Protection against Thieves, and the Cloud

Omnilore Computer Talk
Rick Spilane
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Free Software

Is the free software legal?

- Yes, but be careful as many adds for “free software” can mean crippled or 30 days until you buy it.
- How can it be free, legal and just as good or better than expensive software like Microsoft?
- Open Source Software (OSS) is the answer.
 - OSS can be defined as [computer software](#) for which the human-readable [source code](#) is made available under a [copyright license](#) (or arrangement such as the [public domain](#)) that meets the [Open Source Definition](#). This permits users to use, change, and improve the software, and to redistribute it in modified or unmodified form. It is very often developed in a public, collaborative manner.

Will It Run On My PC/Mac

- OSS is platform independent.
 - Which means that it runs on PCs, MACs, Linux, etc.
 - Estimated savings to consumers is over \$100B
- How do I find any open source, free software?

How do I Find it?

- Google what ever you are looking for.
 - Open source software
 - <http://www.LibreOffice.com>
 - Try <http://www.filehippo.com/>
 - For reviews try <http://www.cnet.com/>

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Some of the best software

- Web Brower – Mozilla Firefox
- E-Mail – Mozilla Thunderbird
- Office Suites – Libre Office
- E-book Management- Calibre
- F'TP /SFT'P – Filezilla
- Photoshop – GIMP (<https://www.gimp.org/>)
- Anti-Virus – AVG (Windows Specific)
- Firewall – ZoneAlarm (Windows Specific)
- Password Manager (<https://lastpass.com/>)
- www.malwarebytes.org

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Best Password Managers

The Best Password Managers for 2016

BY NEIL J. RUBENKING FEBRUARY 9, 2016 8 COMMENTS

Creating one strong password that you can remember is hard enough; doing it for every website is just about impossible—unless you use a password manager.

4.2K SHARES

Name	Dashlane 4	LastPass 4.0 Premium	Sticky Password Premium	RoboForm Everywhere 7	Keeper Password Manager & Digital Vault 8	LogMeOnce Password Management Suite Ultimate	Password Boss Premium	Password Genie 4.4	True Key by Intel Security	Zoho Vault
Lowest Price	\$39.99 Dashlane - Synced	\$12.00 LastPass	\$19.99 Lamantine Software	\$19.95 RoboForm	\$29.99 Keeper Security	\$39.00 LogMeOnce	\$29.99 Password Boss SecurityCoverage	\$15.00 MSRP	\$19.99 MSRP	\$12.00 Zoho
Editor Rating	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●
Import From Browsers	✓	✓	✓	✓	✗	✓	✓	✓	✓	✗
Import From Competitors	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓
Two-Factor Authentication	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓
Portable Edition	✗	✓	✓	✓	✗	✓	✗	✗	✗	✗
Export Data	✓	✓	✓	✗	✓	✓	✓	✗	✗	✓

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2016's Best Antivirus, Malware & Internet Security Software

1	McAfee • Award-winning antivirus & malware protection • Industry-leading threatkill for online protection • Device compatibility: 🍏 🍎 📱	4.9 out of 5.0 ★★★★★	✓ Antivirus ✓ Internet Security ✓ Easy to Use ✓ Money Back	\$24.99 \$39.99 60% OFF
2	Norton • Popular antivirus & malware solution • Advanced internet security features • Device compatibility: 🍏 🍎 📱	4.7 out of 5.0 ★★★★★	✓ Antivirus ✓ Internet Security ✓ Easy to Use ✓ Money Back	\$19.99 \$39.99 50% OFF
3	KASPERSKY • Excellent all-around virus & malware protection • Innovative internet security features • Device compatibility: 🍏 🍎 📱	4.6 out of 5.0 ★★★★★	✓ Antivirus ✓ Internet Security ✓ Easy to Use ✓ Money Back	\$29.99 \$39.99 25% OFF
4	Bitdefender • Outstanding antivirus protection • Unprecedented scanning speed • Device compatibility: 🍏 🍎	4.5 out of 5.0 ★★★★★	✓ Antivirus ✓ Internet Security ✓ Easy to Use ✓ Money Back	\$24.95 \$39.99 38% OFF
5	Avira • Low cost antivirus with solid protection • Innovative cloud services detects threats faster • Device compatibility: 🍏 🍎 📱	4.4 out of 5.0 ★★★★★	✓ Antivirus ✓ Internet Security ✓ Easy to Use ✓ Money Back	\$22.49 \$39.99 43% OFF

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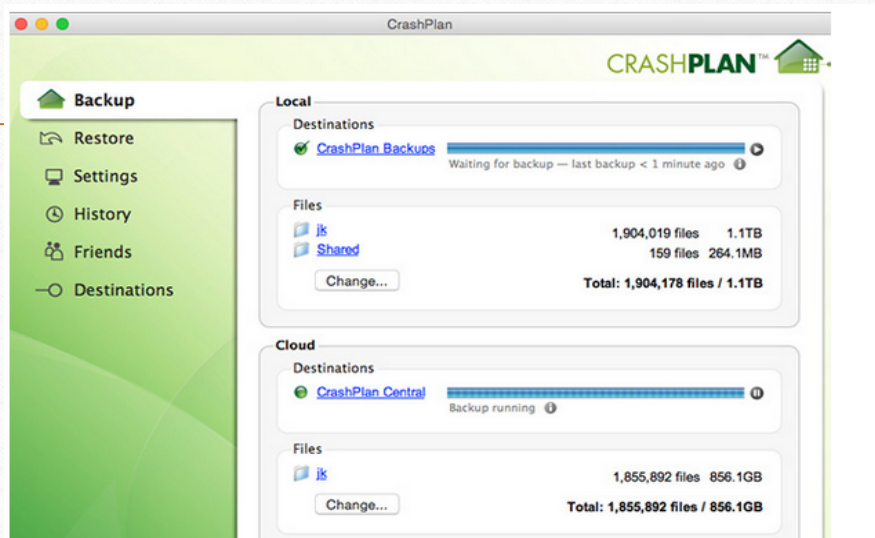
Benefits of Using a VPN Service

- A VPN or “virtual private network” is a service that allows Internet users to enjoy increased levels of privacy and security while they go about their business online. These types of connections are very attractive to both home and business users. Business users can access work networks from outside their offices, for example, without needing to worry about information being sent and received over the network getting intercepted. Personal users don’t have to worry about private data that could potentially identify information like an address getting into the hands of rogue system administrators while they browse the Web. Virtual private network services have a large number of clear benefits that shouldn’t be ignored.

Best VPNs

 Rate # (1304)	\$8.32 per month	<ul style="list-style-type: none">✓ IP Addresses: 15,000+✓ 1,000 servers✓ 78 countries✓ Anonymous & Secure Apps for all your devices	9.8 ExpressVPN Review	Visit Site » Get Started »
 Rate # (139)	\$4.16 per month	<ul style="list-style-type: none">✓ IP Addresses: 80,000+✓ 500 servers✓ 141 countries✓ Unlimited Bandwidth, Server Switches & Speed	9.1 PureVPN Review	Visit Site » Get Started »
 Rate # (98)	\$4.79 per month	<ul style="list-style-type: none">✓ IP Addresses: 7,500+✓ 150 servers✓ 24 countries✓ No Throttling, Caps or Bandwidth Limits	8.7 SaferVPN Review	Visit Site » Get Started »
 Rate # (1135)	\$5.99 per month	<ul style="list-style-type: none">✓ IP Addresses: 125,000+✓ 934 servers✓ 221 countries✓ Compatible with all devices	8.4 HideMyAss Review	Visit Site » Get Started »
 Rate # (1924)	\$6.49 per month	<ul style="list-style-type: none">✓ IP Addresses: 40,000+✓ 325 servers✓ 60 countries✓ Highest Encryption	8.1 IPVanish Review	Visit Site » Get Started »
 Rate # (492)	\$6.67 per month	<ul style="list-style-type: none">✓ IP Addresses: 200,000+✓ 700 servers✓ 50 countries✓ 100% Unique Software	8.1 VyprVPN by GoldenFrog Review	Visit Site » Get Started »

Back up Data in the Cloud - Crash Plan



Here, CrashPlan is configured to back up to a local disk (CrashPlan Backups) and to the cloud (CrashPlan Central). Other destinations are possible, too.

What is Cloud Computing?

- **Cloud Computing** is a general term used to describe a new class of network based computing that takes place over the Internet,
 - basically a step on from Utility Computing
 - a collection/group of integrated and networked hardware, software and Internet infrastructure (called a platform).
 - Using the Internet for communication and transport provides hardware, software and networking services to clients
- These platforms hide the complexity and details of the underlying infrastructure from users and applications by providing very simple graphical interface or API (Applications Programming Interface).

What is Cloud Computing?

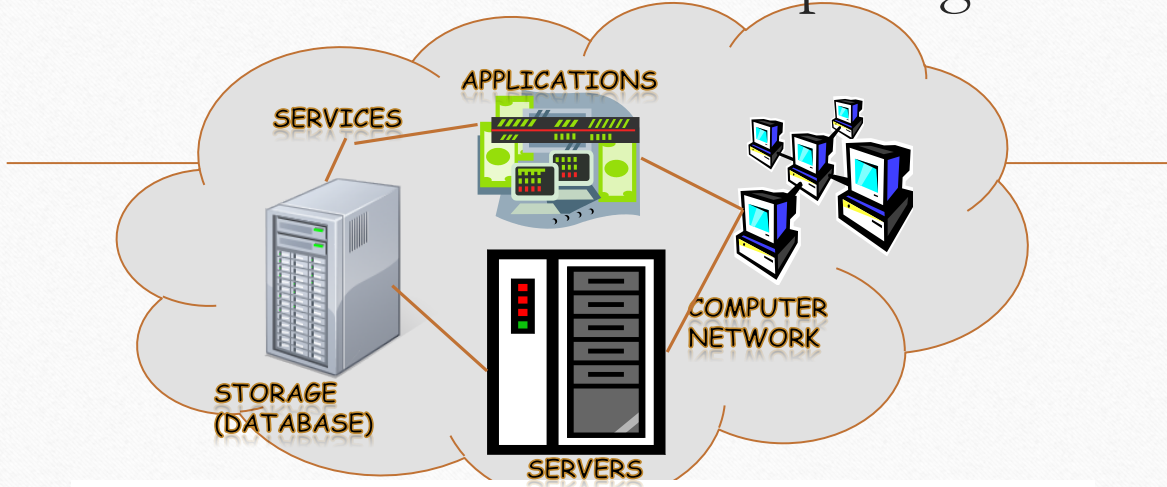
- In addition, the platform provides on demand services, that are always on, anywhere, anytime and any place.
- Pay for use and as needed, elastic
 - scale up and down in capacity and functionalities
- The hardware and software services are available to
 - general public, enterprises, corporations and businesses markets

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Cloud Summary

- Cloud computing is an umbrella term used to refer to Internet based development and services
- A number of characteristics define cloud data, applications services and infrastructure:
 - **Remotely hosted:** Services or data are hosted on remote infrastructure.
 - **Ubiquitous:** Services or data are available from anywhere.
 - **Commodified:** The result is a utility computing model similar to traditional that of traditional utilities, like gas and electricity - you pay for what you would want!

What is Cloud Computing



- Shared pool of configurable computing resources
- On-demand network access
- Provisioned by the Service Provider

Adopted from: Effectively and Securely Using the Cloud Computing Paradigm by peter Mell, Tim Grance

God Mode

1. Copy this Entire line as is, starting from GodMode:----->
2. Right click on desktop
3. Click "New" then click "Folder"
4. Right click on the folder, click "Rename"
5. Then right click on the highlighted folder than click "Paste" than hit the "ENTER KEY"

What's In God Mode

The screenshot displays the Windows God Mode interface, which provides a centralized view of various system tools and settings. The interface is organized into several categories, each with a set of icons and a list of items. The categories shown are Administrative Tools, AutoPlay, Backup and Restore (Windows 7), and Color Management. Each item in the list includes a name, an application name, and a set of keywords for search purposes.

Name	Application	Keywords
Administrative Tools (11)		
View local services	Administrative Tools	disable; stop; services; activate; add; begin; enable;
View event logs	Administrative Tools	viewer; events; tracker; eventviewer; check; list; see;
Set up ODBC data sources (64-bit)	Administrative Tools	datum; odb; data-base; database; activate; add; be
Set up ODBC data sources (32-bit)	Administrative Tools	datum; odb; data-base; database; activate; add; be
Set up iSCSI initiator	Administrative Tools	activate; add; begin; enable; intsal; invoke; make; u
Schedule tasks	Administrative Tools	automated; automatically; scheduled; scheduling
Manage computer certificates	Administrative Tools	certificate; key
Free up disk space by deleting unnecessary files	Administrative Tools	check; disk; dsk; chkdsk; cleandisk; cleaner; cleanup
Diagnose your computer's memory problems	Administrative Tools	diagnose; diagnostics; diagnosis; find; problems; ar
Defragment and optimize your drives	Administrative Tools	check; disk; dsk; chkdsk; cleandisk; cleaner; cleanup
Create and format hard disk partitions	Administrative Tools	check; disk; dsk; chkdsk; cleandisk; cleaner; cleanup
AutoPlay (3)		
Start or stop using AutoPlay for all media and devices	AutoPlay	play; run; start; autoplay; auto-play; autorun; auto-i
Play CDs or other media automatically	AutoPlay	automated; automatically; play; run; start; autoplay
Change default settings for media or devices	AutoPlay	play; run; start; autoplay; auto-play; autorun; auto-i
Backup and Restore (Windows 7) (2)		
Restore data, files, or computer from backup (Windows 7)	Backup and Restore (Windows 7)	up; backing; backuo; back-up; backups; back-ups; i
Backup and Restore (Windows 7)	Backup and Restore (Windows 7)	up; backing; backuo; back-up; backups; back-ups; i
Color Management (1)		
Change advanced color management settings for displays, scanners,...	Color Management	calibrate; calibration; 24; bit; 24-bit; 256; 32-bit; colc

Additional interface elements visible in the screenshot include the address bar showing 'GodMode', a 'Tools Help' menu, a left-hand navigation pane with drive letters (C:, D:, K:, L:), and a bottom status bar with the text 'Rick Spillane', '2/28/16', and '17'.