



We would like to take a moment and acknowledge the passing of a great American hero, Neil Armstrong.

We make our home in Neil's hometown of Wapakoneta, Ohio and all of us are quite proud of our hometown son. We are proud of his service to our military, our space program and his endeavors in furthering the understanding of science and engineering. We celebrate his

accomplishments during our local summer festival and at the local museum dedicated to his life, his work and his legacy.

Ever humble, he credits his historic moon walk as a success of the entire team and crew of the Apollo 11. Neil knew that we are at our most strong when we are standing together. Thousands of people made the first moon landing possible, including dozens of companies all across Ohio, who pitched in to help build and assemble portions of the Apollo spacecraft and launch system. Yet one humble man took that lone faithful step.

Ohioans are proud of our work and contributions to such a historic adventure and we are proud of our local hero Neil Armstrong. His legacy as a veteran, an explorer and a teacher will not be forgotten. This humble man, from humble beginnings accomplished what had previously only been the stuff of dreams. And is now forever etched in human history by that greatest of human triumphs - discovery.

Thank you Neil. Rest in Peace  
Neil Armstrong  
August 5th, 1930 ~ August 25th, 2012



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Located in historic downtown Wapakoneta, Ohio, FNGi has been instrumental in developing and supporting Internet Networks across the U.S. since 1993. The FNGi team can assist you with all phases of your Internet Network from initial planning through long-term support.

[www.network1.net](http://www.network1.net)  
**800.578.6381**



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Select the "Sign-up to receive our quarterly newsletter" link and add them to our list.  
**Thank you!**



# FNGi FOCUS

YOUR CONNECTION TO THE LATEST NETWORK NEWS.

OCTOBER-DECEMBER 2012

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## THE WAIT FOR WINDOWS 8 IS NEARLY OVER. ARE YOU READY?

In July, Microsoft officially locked the development of Windows 8 and completed their RTM (Release To Manufacturing) version. Windows 8 is now being released to computer manufacturers across the world to prep new systems for this fall. Microsoft has also announced an unprecedented upgrade cycle from October 2012 to January 2013, anyone running a version of Windows XP, Windows Vista, or Windows 7, will be able to purchase an upgrade to Windows 8 for \$39.95 (digital download).

Microsoft has a lot riding on the success of Windows 8 and they will aggressively push its distribution and adoption. Is your company prepared for what Windows 8 has in store?

Windows 8 sports an entirely new user interface codenamed "Modern" that drastically changes the interaction with the computer. Current program types and the classic desktop are relegated to the background and exist in more of an app or virtual sandbox interface model. The Windows Store will become the center of new app purchases and upgrades. These new apps will be based on the "Modern" experience and adopt brand new functionality and security.

Classic features of the Windows ecosystem are still intact, but mostly buried from a typical user experience. This includes the most drastic change - the removal of the Start button and Start menu completely. Windows 8 will rely on the "Modern" Start screen to store apps in live "tiles" and old-gen programs along with them.

Users who are familiar enough with the current state of Windows will be presented with a large learning curve to adapt to. Certain typical safety nets and norms have been done away with or changed completely. The Windows 8 experience has been tailored from the ground up to be one of the most user friendly and engaging operating systems Microsoft has released, but it is very different from its predecessors.

First Network Group, Inc has been hard at work since February of 2012 to be prepared for this momentous release. We have tested several builds of the operating system and have created an extensive training and simulation program to make sure our technicians are ready on Day 1 for the first customer who needs help.

If you aren't already taking advantage of our 24x7 end-user Technical Support department or Customer Care center contact Cory Lykins, VP of Tech Services at 1-800-578-6381, opt. 6, or [coryl@network1.net](mailto:coryl@network1.net).





## MANAGED HOSTED SERVERS AND OFF-SITE STORAGE

*“We specialize in ISP solutions for hosting e-mail, web, DNS...”*

Managing servers and storage for your critical applications can be a pain. In addition, off-site backups for disaster recovery are increasingly becoming a requirement.

If you don't want the hassle of having to deal with the hardware and software yourself, First Network Group, Inc. offers fully managed servers, hosted at our location, as well as hosted storage solutions to meet all of your needs.

FNGi has a broad range of offerings, from shared web hosting to dedicated virtual servers to co-location of your own servers. We will build you a solution that fits your needs. We specialize in ISP solutions for hosting e-mail, web, DNS, and other services. Whether you need to serve a few users, or a few thousand, we have you covered.

Take advantage of our fully redundant network, protected by battery backup and on-site standby generator. Virtual servers are hosted on a redundant server cluster, which utilizes a cluster of NetApp storage systems for ultimate resiliency. We also have options to have data replicated to a secure, off-site location.

If you wish to host servers at your own location, but need off-site backups, we can do that too. From simple backup storage to live synchronization of NetApp storage systems, we can cover your data backup and disaster recovery needs.

Contact Randy Carpenter at 1-800-578-6381, option 1 for more details, and to get a custom quote.

We Take advantage of our fully redundant network, protected by battery backup and on-site standby generator.

*“Take advantage of our Trade-Up Program today and your aging system can be traded in for a brand new one for a fraction of the retail cost.”*

### REPLACE HARDWARE AND SAVE

Today we are announcing a great way for you to make sure you get all you can out of the DHCPatriot platform. Current DHCPatriot customers with a valid maintenance contract can now trade-in aging hardware in our Trade-Up Program and increase their systems power at a fraction of the cost.

With your current maintenance contract, you already enjoy around the clock access to system health and monitoring, and consistent updates that keep your DHCPatriot running at peak performance. You also enjoy our hardware replacement coverage should any of your hardware fail.

The DHCPatriot has been such a huge success and many customers are entering their 4th and 5th year of near 100% uptime performance on the platform. The current-generation DHCPatriot hardware is some of the most powerful computing muscle you can set at this task and now is a great time to upgrade your aging hardware. Our current systems feature quad core processors and allow the DHCPatriot to process a staggering 67,200 IP Addresses per 8 hour lease cycle.

Take advantage of our Trade-Up Program today and your aging system can be traded in for a brand new one for a fraction of the retail cost. Contact us today for further information!



### THE LATEST ON DHCPATRIOT

DHCPatriot version 5.2.0 is pending imminent release. By now, you may even have it installed on your DHCPatriot system. Since the version 5 release, software releases are becoming much more frequent. We are ramping up to having four releases per year. Version 5 of the DHCPatriot software allows us to feature an expedited software update cycle that allows us to get more frequent updates and improvements to you faster than ever before.

Version 5.2.0 is packed with exciting new features! This article highlights some of these features. Some features of particular interest are customization of the login page, enhancements to the RADIUS support, and further per network settings customizations.

**First**, and perhaps foremost on some customer's wish lists, is the ability to completely replace the login and thank you pages with your own HTML and javascript! We have even exposed variables so that things like the customer's mac address can be referenced in your replacement page.

**Second**, often asked for RADIUS enhancements are coming with Version 5.2.0. The currently global simultaneous use setting will be modifiable on a per user basis via a RADIUS reply attribute. Option 82 information will be forwarded in RADIUS accounting packets. It will be possible to forward RADIUS accounting to an arbitrary, non-responding, listening device, for example a Sandvine packet shaper. RADIUS alive packets can be configured.

**Third**, per network configurations abound! It will be possible to configure RADIUS servers per network to use different servers for different networks. DNS server entries given to DHCP clients will also be configurable per network. Also, the aforementioned login and thank you page replacements can be done on a per network basis for re-branding purposes.

We are very excited about DHCPatriot version 5.2.0. Each version adds important features to the DHCPatriot. Existing features become more refined with each version. Our software revision process is largely customer driven. A big THANK YOU to the customers who request new features and allow us to constantly improve our product.

Please contact us: DHCPatriot@network1.net or 800-578-6381 opt. 3 with any questions!