Virtual Machine Capable DHCPatriot System Released

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In recent IT history, Virtualization has become both a highly used buzzword and an important platform for servers in data centers across the world. The rise of virtualization owes to the recent proliferation of multi-core CPU systems. It made sense to take advantage of these cores by consolidating servers so that multiple servers were running on a single piece of hardware. This offered massive power savings.

With server architectures that require the installation of a server to a single piece of hardware, typically a reinstallation of the OS and software are required in the event of hardware failure.   In a virtual server environment there are also several options for shared storage in a virtualized server environment. This gives the advantage of being able to easily shuffle servers around to other hardware in the event of hardware failure.

Migration of servers to more powerful hardware is also easily accomplished in a virtualized environment. It is also, generally speaking, easy to allocate more resources to the virtualized server from the present hardware. This gives flexibility as machinery and servers approach their performance limitations in real world environments.

The DHCPatriot is set to take advantage of these features and many more. We recognize the flexibility offered in this type of platform, and therefore strove to take advantage of these features in 5.2.0. The DHCPatriot system is now available as a virtual machine suitable for installation in a Linux KVM environment. We have tested this on Red Hat Enterprise Linux Server release 6.4. The system is not known to function on any other virtual platforms at this time although it may function in other Linux KVM environments. This will allow for scaling hardware with demand for DHCPatriot services. Although migrating virtual machines is fairly easy, we still suggest maintaining a dual DHCPatriot system as is the case with the hardware based version.