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SDN Journal Authors: [Ed Featherston](#), [Gregor Petri](#), [Lori MacVittie](#), [Liz McMillan](#), [Michael Bushong](#)

## News Feed Item

# ADARA Networks Thwarts Heartbleed

All ADARA Platforms utilizing OpenSSL are equipped with multiple mechanisms against vulnerabilities

BY PR NEWSWIRE

ARTICLE RATING: ☆☆☆☆☆

APRIL 11, 2014 10:06 PM EDT

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SAN JOSE, Calif., April 11, 2014 /PRNewswire/ -- ADARA Networks®, the leading provider of advanced computing and networking products, announced today that its customers are protected against the OpenSSL

"Heartbleed" vulnerability (CVE-2014-0160) identified by the United States Computer Emergency Readiness Team (US-CERT) and documented in Alert TA14-098A on April 8, 2014. The company made the announcement to more widely inform the company's customers and also to respond to inquiries from customers of legacy networking and security product companies that have a vulnerability to Heartbleed.



"ADARA's invulnerability to Heartbleed stems from our architecture which multiply encrypts and authentication that extend to each and every single packet," said Dr. Marcelo Spohn, CTO, ADARA. "This eliminates the potential for an exploit of ADARA based upon the Heartbleed vulnerability. Simply put, it is not possible for an attacker to masquerade as an ADARA peer router, switch or any ADARA-networked product."

ADARA is uniquely able to eliminate the risk of Heartbleed exploits for Internet-based services and web applications which are at high risk from this exploit.

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All ADARA platforms implementing SSL, including Layer 2, 3 products (switching, routing) and Layer 4-7 products, such as Firewalls, IDS/IPS, WAN Optimization, WAN Acceleration, Global and Local Load Balancing, Web Services, VPN, and SSL termination, as well as all ADARA Software Defined Networking products provide protection against Heartbleed and other exploits. ADARA platforms and products use multi-factor authentication and dynamic multi-factor encryption. These and other security measures also dynamically cycle using a variable time frame, capable of sub-microsecond changes, using intelligence available only in

## Comments

### New Release of Quest Toad for Oracle Offers Enhancements to Reduce Risk

By Liz McMillan

*yourfanat wrote: I am using another tool for Oracle developers - dbForge Studio for Oracle. This IDE has lots of usefull features, among them: oracle designer, code completion and formatter, query builder, debugger, profiler, export/import, reports and many others. The latest version supports Oracle 12C. More information here.*

Oct. 22, 2013 02:57 AM EDT

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## Lastest Blog Posts

### Tune into the Cloud: The Billionaire Boys Club

By Gregor Petri



Not too long ago, it took even the most successful entrepreneurs several centuries or at least decades to reach a valuation of a billion and thus become a member of the exclusive Billionaire Boys Club\*. Families like the Rothschilds, the Waltons or the Brenninkmeijers have indeed built up impressive capital wealth, but because it took them several generations, it often became quite diluted among brothers, sons, daughters, nieces, and even third-degree-nephews. With the advent of first: IT; then the Internet and now the cloud, that time frame has rapidly shrunk. Today companies with as little as 50 or even 13 employees reached valuations where reputable companies and world-renowned artists can only dream of. This acceleration is even more poignant when we look at applications in the heart the nexus of Social, Mobile, Cloud and Analytics (SMAC), such as Instagram, Tumblr and recently WhatsApp. And just like in the music industry there is a lot of interest in the tip parade: the list of runner ups; ideas and products getting ready to become the next mega hit.

Apr 14, 2014 09:30 AM EDT Reads: 634

### Hardening Security through Programmability in the Network

By Lori MacVittie



Despite claims that there exists (or will, look out!) a mythical "god box" for the enterprise data center, capable of performing every data center function

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- [Oracle+MySQL Opponents Take to the Barricades](#)
- [Unix Co-Creator Writes New Open Source Programming Language for Google](#)

## Cloud Expo & Big

ADARA platforms.

ADARA will announce the ADARA Secure Environments Customer Program on Monday, April 14, 2014 to further bolster the industry against Heartbleed. The program is designed to enable companies to immediately eliminate the vulnerability from their infrastructure, services and operations. ADARA will also provide more details on the unique security features in ADARA platforms that prevent ADARA-protected infrastructure from Heartbleed and other vulnerabilities.

#### About ADARA Networks

ADARA Networks is the industry leader in Software Defined Networking, Virtual Computing, and Networking. ADARA SDN is an entire Physical + Virtual (P+V) ecosystem; End-to-End, (Data Center, Network, Small Office, Home and Mobile User), Production-ready, for Service Providers and Enterprises of all sizes, and verticals. ADARA SDN seamlessly works with any and all 3<sup>rd</sup> party SDN and legacy products. ADARA SDN empowers customers to simultaneously and optimally financially engineer their profits while operationally managing their enterprise. ADARA SDN delivers autonomic, dynamic management of services, virtual, and physical infrastructure management. ADARA SDN enables customer to create any policies, ADARA SDN dynamically creates and enforces rules and configurations, and enforces Service Level Agreement (SLA) performance. For more information, please visit: <http://www.adaranetworks.com>.

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SOURCE ADARA Networks

Published April 11, 2014 – Reads 413

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## Cloud Expo Breaking News

### Leveraging a Cloud Architecture for Fun, Ease, and Profit

By Liz McMillan



The world of cloud and application development is not just for the hardened developer these days. In their session at 14th Cloud Expo, Phil Jackson, Development Community Advocate for SoftLayer, and Harold Hannon, Sr. Software Architect at SoftLayer, will pull back the curtain of the architecture of a fun demo application purpose-built for the cloud. They will focus on demonstrating how they leveraged compute, storage, messaging, and other cloud elements hosted at SoftLayer to lower the effort and difficulty of putting together a useful application. This will be an active demonstration and review of simple command-line tools and resources, so don't be afraid if you are not a seasoned developer.

Apr. 14, 2014 08:45 AM EDT Reads: 1,454

### SherWeb to Exhibit at Cloud Expo New York

By Elizabeth White



SYS-CON Events announced today that SherWeb, a long-time leading provider of cloud services and Microsoft's 2013 World Hosting Partner of the Year, will exhibit at SYS-CON's 14th International Cloud Expo®, which will take place on June 10-12, 2014, at the Javits Center in New York City, New York. A worldwide hosted services leader ranking in the prestigious North American Deloitte Technology Fast 500TM, and Microsoft's 2013 World Hosting Partner of the Year, SherWeb provides competitive cloud solutions to businesses and partners around the world. Founded in 1998, SherWeb is a privately owned company headquartered in Quebec, Canada. Its service portfolio includes Microsoft Exchange, SharePoint, Lync, Dynamics CRM and more.

Apr. 14, 2014 07:30 AM EDT Reads: 1,168

## Data Expo 2013 West

### KEYNOTES

#### SHI

Opening Keynote | The Changing Atmosphere of Cloud Computing

#### Rackspace

Day 2 Keynote | How to Maintain Relevancy in a Cloud World: A Step-by-Step Approach to the Future Business of IT

#### Akamai

Day 2 Lunch Keynote | Application Delivery in the Cloud: Debunking Myths and Showcasing the Realities

#### HGST

Day 3 Keynote | Navigating Storage in a Cloudy Environment

#### Microsoft

Day 4 Keynote | Clouds, Devices, and Demos! What Developers Need.

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Ten Myths of Cloud Computing

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Fear & Loathing in the Enterprise Cloud (with apologies to Hunter S. Thompson)

#### SOA Software

APIs for Mobile App Development: A Soup to Nuts Analysis

#### SoftLayer

Performance Is Not a Commodity

#### Verizon

New Cloud. New Rules.

performing every data center function imaginable, it remains, well, mythical. Efforts to effectively secure the data center and the applications it delivers therefore requires a collaborative approach between best-of-breed technologies. But if collaboration across functional IT groups - development, operations, network and security - remains as elusive as nirvana, then collaboration across products has traditionally been seen as likely as sighting the Loch Ness Monster. The arrival of cloud and more recently SDN has changed that, not only encouraging but requiring changes in collaboration capabilities in order to remain considered best-of-breed.

Apr. 14, 2014 09:00 AM EDT Reads: 587

### Different Shades of Invisible

By Marten Terpstra



We love analogies. No matter what the topic, analogies are a great way to explain something in a different context to make a specific point with a frame of reference that may be more familiar to those we are making a point to. There is one that seems to come back over and over again in our industry, the one that compares the network to the power grid, network connections to power plugs. I had not heard it for a while but at Interop last week, I heard it used twice in both demonstrations as part of plug and play pitches. And I really do not like that analogy.

Apr. 10, 2014 01:00 PM EDT Reads: 828

### DIY vs DIFY Networking

By Michael Bushong



There is probably never going to be a perfect balance in the industry between Do-it-yourself (DIY) and Do-it-for-you (DIFY) networking. It seems exceedingly unlikely that there is a one-size-fits-all type of solution out there. And so we will invariably end up with a bifurcated market that requires multiple solutions for its constituents. But if there is not a perfect balance, which one of these is likely to see the most action? If you were to base your guess on industry chatter, you would have to conclude that DIY has the upper hand. There is a ton of momentum right now with both SDN and bare metal switching. On the SDN front, it is all about orchestration and automation. The ability to streamline customized workflows is attractive, especially for the large IT shops that sink tens of millions of dollars into managing their monstrosities. Once you get into anything that is customized, there is a degree of DIY-ness that is required. No product is designed expressly for your particular environment, so you need to the ability to customize what you buy to do what you want. Beyond that, there is an awful lot of talk about APIs and programmability.

Apr. 10, 2014 09:00 AM EDT Reads: 866

### The DNS of Things

By Peter Silva



There's a new craze occurring in homes, highways, workplaces and everywhere imaginable - the Internet of Things or as I like to call it, The Internet of Nouns.

Sensors, thermostats, kitchen appliances, toilets and almost every person, place or thing will have a chip capable of connecting to the internet. And if you want to identify and find those things with recognizable words instead of a 128-bit IP address, you're going to need DNS. DNS translates the names we type into browser or mobile app into an IP address so the services can be found on the internet. It is one of the most important components of the internet, especially for human interaction. With the explosion of mobile devices and the millions of apps deployed to support those devices, DNS growth has doubled in recent years. It is also a vulnerable target.

Apr. 10, 2014 09:00 AM EDT Reads: 1,137

### Safely Expanding Access to Applications

By Lori MacVittie



The industry often talks about how the data center perimeter is expanding, necessarily, due to technological shifts such as cloud and mobility and BYOD. But that isn't really the case. If you look closely, you'll see that the perimeter is actually shrinking, getting tighter and tighter around the data center. With just about everything web-enabled these days, the need for access to network to enable access to applications is, well, nearly gone. I can as easily share a file via a web-enabled application today as I could by copying it onto a network share using a VPN last year. With mobile devices inside the corporate walls as well as out, it's no longer effective to just implicitly trust what's on the local network.

Apr. 10, 2014 08:45 AM EDT Reads: 1,083

### Service Fabrics Enable Network Service Virtualization

By Lori MacVittie