the *Availability Digest*

@availabilitydig - The Twitter Feed of Outages
September 2013

A challenge every issue for the Availability Digest is to determine which of the many availability topics out there win coveted status as Digest articles. We always regret not focusing our attention on the topics we bypass. With our new Twitter presence, we don't have to feel guilty. This article highlights some of the @availabilitydig tweets that made headlines in recent days.

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Check out "Breaking the Availability Barrier III: Active/Active Systems in Practice
Volume 3 of a three-part series on active/active systems offers real-life examples of existing active/active systems that are achieving extraordinary failure intervals.

http://amzn.to/1btYxte

Space weather to blame for malfunctioning communication satellites
Despite protective shielding, a buildup of charged solar particles is likely responsible for damages to the satellites' amplifiers. Researchers warn that this also could cause the backup amplifiers to fail.

http://t.co/8lti8ihqsR

Achieving Fast Failover, Eliminating Planned Downtime - a few of the topics in our high availability seminars.
The Availability Digest's series of seminars are on topics concerning high availability, continuous availability, and active/active systems. The seminars are offered both online or at your facility.

http://t.co/UIUQF2hmIF

"Why is Active/Active Stuck in the Mainframe World" remains a hot topic in LinkedIn's Continuous Availability Forum.
Every so often, an availability topic garners a lot of reaction from individuals with expertise in the field but with very different approaches and opinons. This topic is a popular one.

http://t.co/avzycIGxfz

Top ten hidden service availability threats - ABA Banking Journal
While traditionally the IT conversation within the banking industry has centered around disaster recovery, it is transitioning rapidly to a service availability focus instead.

ababj.com/component/k2/item/3923-top-ten-hidden-service-availability-threats/3923-top-ten-hidden-service-availability-threats#.UiotTE7HQkQ.twitter …

Despite A Claim of Five-Nines Uptime, A 48 Hour Outage Blew The Curve

Just because an application is "in the cloud" does not mean it is more scalable, more reliable, or that it performs any better than if you ran it on a server down the hall.

twb.io/wwe9Ec via @NetworkComputin

"Casa Ley Upgrades to Active/Active OmniPayments." A case study.

Large Mexican grocery chain counts on Opsol's OmniPayments to achieve continuous availability for the chain's transaction-authorization system.

http://www.connect-converge.com/theConnection/TheCJan2013/#?page=20

Check out "Breaking the Availability Barrier II: Achieving Century Uptimes with Active/Active Systems."

Volume 2 of a three-part series on active/active systems describes techniques that can be used today for extending system failure times from years to centuries, often at little or no additional cost.

http://t.co/VbViDciMhG

Nasdaq says software bug caused trading outage

Nasdaq's massive trading halt last week was due to a software bug and other internal technology issues triggered by NYSE problems that led a key backup system to fail.

reut.rs/17mlkUu via @reuters

Visit LinkedIn's Continuous Availability Forum. Latest thread - Why is Active/Active stuck in the mainframe world?

Many mission-critical systems that could benefit from active/active run Linux and Windows on large commodity servers . Why has active/active technology not penetrated the commodity-server market?

http://www.linkedin.com/groupItem?view=&gid=2586333&type=member&item=268992035&qid=44b15ba3-eb39-45dc-8e2c-0d0855663e64&goback=%2Egmp_2586333

SEC reviews Nasdaq as rivals blame each other for outage

The U.S. Securities and Exchange Commission has asked the Nasdaq and NYSE to come up with a blow-by-blow account of the recent trading disruption, but the two disagree on the details.

reut.rs/17geSOF via @reuters

Another Amazon Outage Exposes the Cloud's Dark Lining

Why are so many prominent Web companies overly dependent on a single cloud provider—and a single data center?

http://www.businessweek.com/articles/2013-08-26/another-amazon-outage-exposes-the-clouds-dark-lining … via @BW

We're looking for good examples for "Try Doing This Today." Send your suggestions to editor@availabilitydigest.com.

The Availability Digest would like to make "Try Doing This Today" a regular digest article. Help us out with your suggestions. Thanks.

http://www.availabilitydigest.com/public_articles/0808/try_doing_this.pdf

Gimme shelter: Wall Street braces for hurricane season

Heading into the heart of hurricane season 10 months after Sandy slammed the New York metropolitan area, Wall Street has had time to reassess and revamp backup plans.

http://www.pcworld.com/article/2047022/gimme-shelter-wall-street-braces-for-next-superstorm.html … via @pcworld

Nasdaq head concedes need for electronic backup

Nasdaq CEO Robert Greifeld agrees that U.S. financial markets should have a backup source of stock quotes to prevent a recurrence of the flash freeze that halted trading in Nasdaq-listed stocks.

http://usat.ly/1c0vnPS via @USATODAY

Here's the August Availability Digest: Try Doing This Today; Malicious Apple Chargers; Software Reliability Models

The Availability Digest is a free, monthly publication that is published online for the convenience of subscribers.

http://www.availabilitydigest.com/digests/vo8_i08/0808_digest.htm …

Abstract for "DDoS Attacks - The Latest Availability Threat," presented by Digest Managing Editor Bill Highleyman.

Digest Managing Editor will speak at upcoming NonStop Boot Camp in San Jose, California, USA, November 3rd thru 5th.

http://www.availabilitydigest.com/misc/ns_bc_2013_abstract …

Goldman assessing fallout from options trading glitch

Goldman Sachs Group Inc. suffered financial damage caused by a trading glitch that led to a flood of erroneous options trades.

http://reut.rs/174VDaT via @reuters

Amazon Outage Leaves Latency Mystery

Is there a relationship between the efficiency of AWS cloud services and the health of Amazon.com retail? Cloud services become faster or slower, depending on how data centers back each other up.

http://twb.io/1f4EPBu via @InformationWeek

Nasdaq rises 38 points despite 3-hour trading halt

Full trading on the Nasdaq resumed late Thursday, more than three hours after a technical glitch brought the nation's second-largest exchange to a halt.

http://www.chicagotribune.com/business/breaking/chi-nasdaq-trading-halt-20130822,0,5384409.story …