



SECTION 4

[DOWNLOAD](#) DOWNLOAD A SELECTION OF WHITEPAPERS THAT CAN IMPROVE YOUR INFRASTRUCTURE [LOAD DYNAMIX](#) <https://click.angel.digital/track/3f5/7/>

DIGITALISATION WORLD /change.php?websiteID=0
DATACENTRE /change.php?websiteID=0-1
SOLUTIONS /change.php?websiteID=0-2
DATACENTRE /change.php?websiteID=0-3
SOLUTIONS /change.php?websiteID=0-4
SOFTWARE NETWORKING /change.php?websiteID=0-5
SOLUTIONS INTERNATIONAL /change.php?websiteID=0-6
STORAGE VIRTUALISATION /change.php?websiteID=0-7
CLOUD /change.php?websiteID=0-8

Home News Magazines Video Features Blogs White Papers Events Media Pack Register/Login Contact Search

(https://digitalisationworld.com/) (https://digitalisationworld.com/news/) (https://digitalisationworld.com/magazine/) (https://digitalisationworld.com/videos/) (https://digitalisationworld.com/features/) (https://digitalisationworld.com/blogs/) (https://digitalisationworld.com/whitepapers/) (https://digitalisationworld.com/events/) (https://digitalisationworld.com/media-pack/) (https://digitalisationworld.com/register-login/) (https://digitalisationworld.com/contact/) (https://digitalisationworld.com/search/)

Brocade to contribute to CERN openlab Open Day 2016

Jun 09, 2016
In Networking (subsection/1), Software Defined Networking (subsection/2).

Brocade (<http://www.brocade.com/>) is continuing its partnership with CERN by participating in the 2016 CERN openlab (<http://openlab.web.cern.ch/>) open day event on 8 & 9 June 2016. The event will provide an opportunity to learn about CERN openlab's work: collaborating with leading ICT companies and research institutes (http://openlab.cern/about/collaboration_members) to accelerate the development of cutting-edge solutions for the worldwide Large Hadron Collider community, as well as for wider scientific research.

Brocade's contribution to CERN openlab is to help the world's largest and most respected centre for scientific research develop a long-term Software-Defined Networking (SDN) strategy for its IP network infrastructure. Brocade is an official networking contributor member to CERN openlab.

The open day will feature discussions about the achievements of diverse CERN openlab projects (<http://openlab.cern/technical-area>) during the last year. There will also be hands-on technology demonstrations from companies working with CERN openlab. Brocade and CERN openlab will jointly present how Brocade® Flow Optimizer (<http://www.brocade.com/en/products-services/software-networking/fdn-controllers-applications/flow-optimizer.html>) and Bro ID™ Detection Software (<http://www.bro.org/>) integration are helping CERN monitor, detect, and prevent security threats. Brocade and CERN will also demonstrate Brocade Flow Optimizer and Bro ID™ working together in a network composed of OpenFlow-enabled Brocade MXL® routers and Brocade IX® switches (<http://www.brocade.com/en/products-services/switches/campus-network-switches/ixc-6430-and-6460-switches.html>).

In addition, Brocade is collaborating with CERN openlab on a new solution designed to help the organisation address the long-term challenges facing its network infrastructure. Due to the nature of the research carried out by CERN, the organisation generates extremely large data volumes and therefore needs an efficient, scalable, and flexible network in order to handle traffic spikes and to serve as a platform for innovation.

The project with Brocade is intended to create a future-proof New IP network based on a framework of SDN applications, which can optimise the routing of data traffic entering and leaving the organisation. The network can intelligently filter trusted traffic to bypass firewall checks for better network efficiency and an improved user experience. It also allows CERN to monitor and detect security threats by mirroring data traffic to the Bro ID. Upon detecting any threats, the Bro ID can introduce threat mitigation by interacting with the Brocade Flow Optimizer. Through the CERN openlab project, Brocade will also be focusing on creating enhanced user interfaces for its solutions, giving collaborators at CERN the ability to view graphical charts and visualizations showing real-time and historical traffic information.

The open SDN solution will be based on OpenFlow and will utilise the Brocade SDN Controller (<http://www.brocade.com/en/products-services/software-networking/fdn-controllers-applications/fdn-controller.html>) and Brocade Flow Optimizer (<http://www.brocade.com/en/products-services/software-networking/fdn-controllers-applications/flow-optimizer.html>) (cid:lp_flow_optimizer_pr_000001) to increase network performance, proactively improve capacity planning, and eliminate network congestion.

SHARE

EMAIL /MAILTO:7
FACEBOOK /HTTPS://WWW.FACEBOOK.COM/SHARING/CONTENT/THEGRAPHICLINKEDIN
TWITTER /HTTPS://WWW.TWITTER.COM/SHARING/CONTENT/THEGRAPHICLINKEDIN
LINKEDIN /HTTPS://WWW.LINKEDIN.COM/SHARING/CONTENT/THEGRAPHICLINKEDIN
GOOGLE+ /HTTPS://WWW.GOOGLE.COM/SHARING/CONTENT/THEGRAPHICLINKEDIN
OTHER /CONTINUE TO CERN OPENLAB
%20READ%20MORE%20AT%20[HTTPS://WWW.DIGITALISATION.WORLD/ARTICLE/48382](https://WWW.DIGITALISATION.WORLD/ARTICLE/48382)
CERN openlab Europe (<http://openlab.cern/article/48774/4>)
London School of Economics gives Juniper Networks straight As (<http://article/48767/4>)
KOSG Telecom selects ADVA (<http://article/48759/4>)
Dell bolsters channel program (<http://article/48759/4>)
Nokia wins by 'telecoms' again for next-generation metro optical network (<http://article/48679/4>)
C-Suite underway for digital disruption (<http://article/48686/4>)
Juniper Networks introduces Cloud-enabled branch to deliver on-demand Cloud Services (<http://article/48687/4>)
BIG-IP plug-in (<http://article/48654/4>)
Cloud managed, high density Wave 2 Wi-Fi solutions (<http://article/48664/4>)
Deutsche Telekom leverages VelociCloud Cloud-delivered SD-WAN (<http://article/48655/4>)



WHITEPAPERS

- A guide to Microsoft SQL Server 2016 (<https://landing.angel.digital/page/220>)
Software (subsection/0), Infrastructure & Asset Management (subsection/0), Software-as-a-Service (subsection/0), Storage (subsection/0), Server Technology (subsection/0).
- Software defined networking in the new business frontier (<http://angelbc.com/clients/landing-pages/212>)
Infrastructure (subsection/0), Software Defined Networking (subsection/0), Networking (subsection/0).
- Are your datacentre needs being satisfied? (<http://angelbc.com/marketing/questionnaires/infinity>)
- Infrastructure & Hardware (subsection/0), Infrastructure & Asset Management (subsection/0), Data centre Design/Optimisation (subsection/0), Power & Cooling (subsection/0), Energy Management (subsection/0).
- Rack Power Distribution: Just the end of the Power Chain, or Key Strategic Advantage? (<http://angelbc.com/clients/landing-pages/161>)
Infrastructure & Hardware (subsection/0), Power & Cooling (subsection/0).
- Are YOU READY FOR NOW? (<http://angelbc.com/clients/landing-pages/128>)
Infrastructure & Hardware (subsection/0).
- Gaining efficiency and business value (<http://angelbc.com/clients/landing-pages/131>)
Infrastructure & Asset Management (subsection/0).
- Is your data center being overwhelmed? (<http://angelbc.com/clients/landing-pages/132>)
Data centre Design/Optimisation (subsection/0).
- Redefining networks for cloud, analytics, mobile, social and security (<http://angelbc.com/clients/landing-pages/134>)
Networking (subsection/0), Telecoms & Mobile (subsection/0).
- The data centre impact of cloud (<http://angelbc.com/clients/landing-pages/135>)
Platform (subsection/0), Storage (subsection/0).
- Evaluating and Deploying Prefabricated Data Centres (<http://angelbc.com/clients/landing-pages/137>)
Power & Cooling (subsection/0), Infrastructure & Hardware (subsection/0).

REVIEW ARCHIVE (WHITEPAPERS)



EVENTS

DATACENTRE TRANSFORMATION MANCHESTER (<http://dmchester.com>)

Jul 10th 2016 - Jul 12th 2016

Energy Management (subsection/0), Infrastructure & Asset Management (subsection/0), Power & Cooling (subsection/0), Data centre Design/Optimisation (subsection/0).

*(/subsection/3): Infrastructure & Hardware (/subsection/2)*Smart Summit London (<http://www.smartsummit.net>)

Sep 2nd, 2016 - Sep 2nd, 2016
 Communications (/subsection/47), Enterprises (/subsection/51), Concepts & developments (/subsection/45), Industry (/subsection/49), Platforms (/subsection/48), Devices (/subsection/46), Government (/subsection/50).

<https://click.angel.digital/track/372/><https://click.angel.digital/track/388/>

SECTION 4

SOCIAL MEDIA

Tweets by @DIGIWORLD_INFO

DIGITALISATION WORLD (@DIGIWORLD_INFO)
 Jetstra acquires a majority stake in Next Generation Data, Europe's largest data c... digitalisationworld.com/article/48766/ | twibble.io

DIGITALISATION WORLD (@DIGIWORLD_INFO)
 Almost one-third of cyber security professionals admit to compromising ethics to pass... digitalisationworld.com/article/48771/ | twibble.io

DIGITALISATION WORLD (@DIGIWORLD_INFO)
 Red Hat EMEA (@RedHatEMEA)
 #CloudBees is working with #RedHat to provide enterprise-class DevOps solutions hfczz01VPn4 (via @DIGIWORLD_INFO)

Rahi Systems (@Rahi_Systems)
 @RahiEurope will be exhibiting @DTConference July 12 in Manchester. Stop by to talk with our expert, Marcus Doran!

Embed

[View on Twitter](#)<https://click.angel.digital/track/202/>

CATEGORIES

APPLICATIONS (/section/1)
 CLOUD & MANAGED SERVICES (/section/6)
 DATA CENTRE SYSTEMS & STORAGE (/section/3)
 INTERNET OF THINGS (/section/9)
 OPEN SOURCE (/section/8)

BIG DATA & ANALYTICS (/section/7)
 DATA CENTRE FACILITIES (/section/9)
 DIGITAL BUSINESS (/section/10)
 NETWORKS, TELECOMS & MOBILITY (/section/4)
 SECURITY (/section/9)

INFORMATION

Contact (@dwhq)
 Advertising (@advertising)
 Terms & Conditions (@andc)
 Privacy (@privacy)

SECTION 4
 Twitter ([@digiwld_info](https://twitter.com/digiwld_info))
 LinkedIn (https://www.linkedin.com/grp/home?gid=4266743&lk=rm_groupId&lpgrp)

REGISTER

[/register](#)