

Want to Understand How IPv6 Works?

Submitted by: Dexterity

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~4D Data Centres Publishes its White Paper Explaining the New Internet Protocol~

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Byfleet, Surrey – 15 June 2012 – We are on the brink of running out of internet protocol (IP) addresses because the present system, IPv4, has run out of unique number sequences to allocate after 30 years. It is being replaced by IPv6 and many IT directors are asking what's involved and why should I upgrade? To help answer these questions and educate those interested, David Barker, the founder and technical director of 4D Data Centres (<http://www.4d-dc.com>), the eco-friendly (<http://4d-dc.com/about-us/green-data-centre/>), Tier 3 colocation and connectivity provider, has published a white paper called: IPv6 – A Primer (<http://www.4d-dc.com/about-us/resources/papers/>). This is available as a free download.

The objectively written white paper looks at the evolution of the Internet Protocol version 4 (IPv4) into version 6 (IPv6), the next generation network protocol of the internet, and gives practical advice to IT managers. It includes:

- The limitations of IPv4
- IPv6 features
- The driving forces behind the need for transition
- How to move from IPv4 to IPv6
- Suggestions on what users can do now to be prepared for the changeover.

David Barker of 4D Data Centres comments, "Many ISPs, websites and manufacturers are now supporting IPv6 and following World IPv6 Day (6th June 2012) the issue of internet connectivity is in the limelight. However, I find that many of our customers, both IT managers and resellers, are unclear about how IPv6 works and why IPv4 needs to be replaced. My white paper explains it all in simple language."

If you would like more information, images or to commission David Barker to write an exclusive article on IPv6, please contact:

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About 4D Data Centres:

4D Data Centres (<http://www.4d-dc.com>) runs one of the few independently owned data centre businesses in the UK. This Tier 3 data centre operator, based at its own flagship site in Surrey, also provides colocation and connectivity services in three other centres in The City, London Docklands and Kent. Other services include dedicated servers and managed services. The company provides customers with access 24/7 with around the clock support from 4D's qualified and experienced technical engineers.

4D has pioneered CO2 reduction techniques for the IT Industry - this was officially recognised in May

2012 when they won the Green Datacentre Project of the Year Award from Datacentre Solutions magazine. 4D Surrey now operates with an impressive PUE of 1.146 which makes it one of the greenest data centres on the planet. In 2010 and 2011 the company's rapid growth was acknowledged with a listing in the Deloitte Tech Fast 500 EMEA (a ranking of the 500 fastest growing technology companies in Europe, the Middle East and Africa).

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