



## Earlier this year, wwite developed an ICT industry report identifying the barriers to IPv6 migration. The barriers identified are:

- Competing IT initiatives that offer commercial returns
- Competing system evolution initiatives are receiving greater promotion e.g customers
- Financial restrictions
- Online companies have other priorities e.g. governance , privacy, compliance
- Sendors do not see a business case
- The IPv6 migration outcome is difficult to quantify
- The IPv6 network is a complete change it is a new network
- System integrators are not being briefed by customers
- Network migration issues are complex in the larger legacy environments
- Application demonstrations are by virtue of their preliminary nature, limited
- IETF IPv6 standards are still being developed
- Security issues are complex or complicate existing methods
- Telco/ISP support for IPv6 is slow but starting in 2010
- Government systems are proceeding slowly

©wwite p/I 2010

# **Our Views: The preparation for IPv6 migration requires the following:**

#### **Policy and Governance**

In order to govern the IPv6 migration process, an organization wide policy or policy framework needs to be developed to provide its rationale, authorize the process and the investment in it and give managerial guidance as to the tasks, costs and risks.

#### **Systems Configuration Audit**

In order to assess the dimension of the task for each organization with respect to urgency, cost and resource requirements, the existing systems need to be audited as to their hardware and software components and the component applicability to IPv6.

#### **Business Unit and Commercial Interfaces**

In order to ensure business continuity, the IP service interfaces and the DNS sub-systems need to be assessed as to their migration and upgrade requirements with respect to urgency, cost and resource requirements.

### **IPv6 and Service Migration Skills**

IPv6 skills and training courses are necessary and are available within the IT industry. However, the deployment strategy and operational skills can be scarce. Preparation should be made to assign staff to the migration program and to provide workshop sessions for the migration phase.



wwiteware





















