

# IP v6 – Soluções de Armazenamento

WORKSHOP ATEC



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## EMC and IPv6

Support and Testing

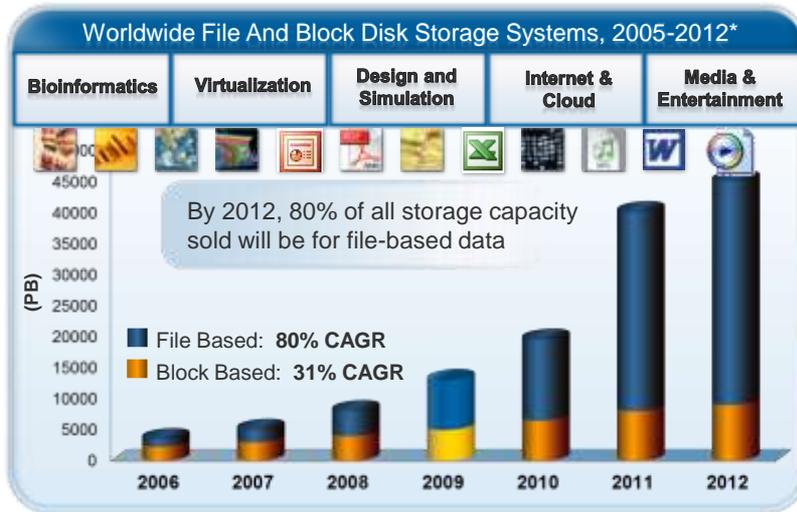
EMC established a corporate IPv6 Program Office in 2006 to drive consistent implementations of IPv6 requirements and coordinate product plans, services, and sales.



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## File vs Block Data



\* Source: IDC

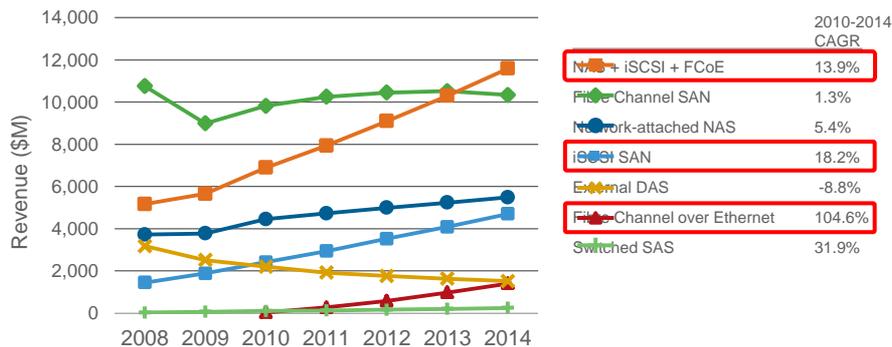
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## Storage Connectivity Profile is Changing

- Increasing emphasis on Ethernet-based connectivity options
- EMC offers all major storage connectivity options today



Source: IDC, (7/10) and EMC

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## IPv6 – benefits to storage solutions

- Scalability
- **Security**
- **Real time applications (QoS)**
- **Plug and Play**
- 
- Mobility
- 
- More clear and optimized specifications
- 
- Addressing and routing
- 
- Extensibility

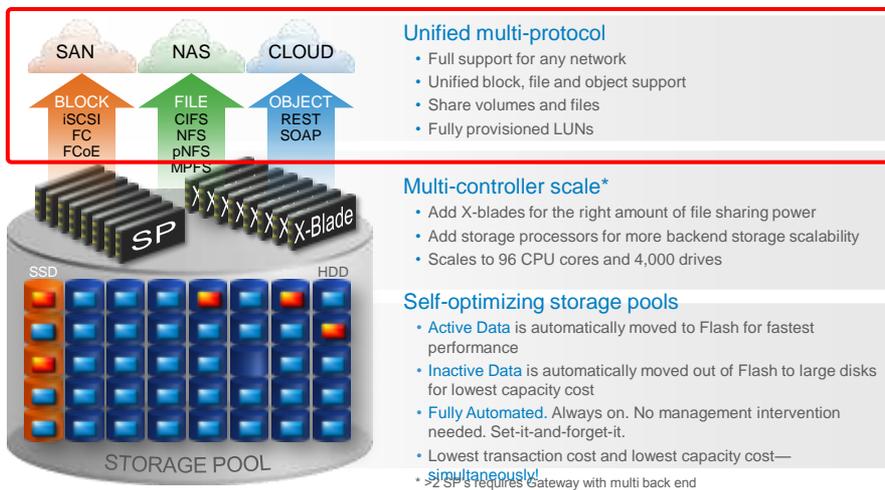


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## EMC VNX

Powerful, Flexible Modular Architecture



HARDWARE

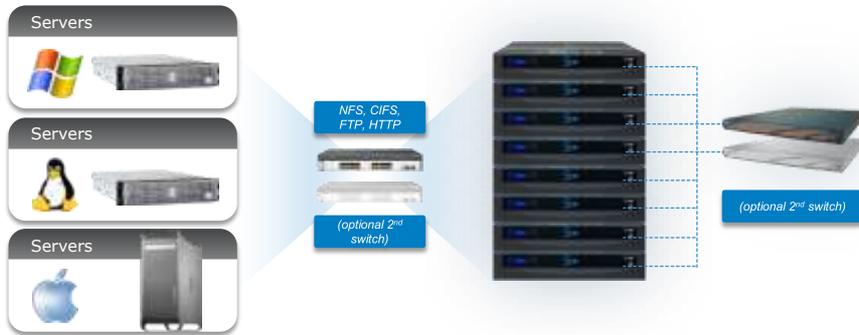


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## EMC Isilon

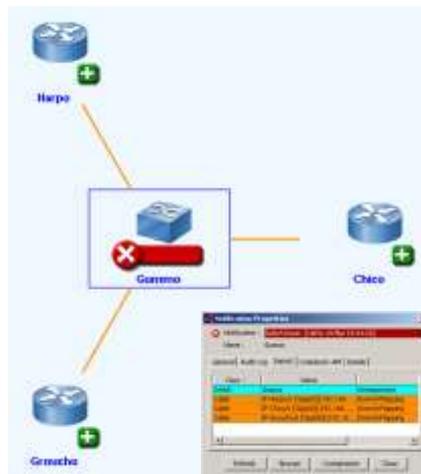
Scale-out IP simplicity



## EMC Smarts IPv6 Availability Manager

One of the market's first network management solutions supporting native IPv6 deployments.

- Auto-discovers IP network details, L1,2,3 - entities and relationships
- Manages physical and virtualized infrastructures
- Supports native IPv6, dual stack and IPv4
- Automates real-time root cause analysis of all critical network connectivity problems at all layers
  - Reduces reliance on skilled resources
  - Speeds MTTR to improve customer satisfaction
  - Eliminates manual analysis, rules-writing, and ongoing maintenance
- Calculates the impact of problems on related infrastructure elements
- Adapts automatically as the network changes
  - Built-in analytics for fast implementation



The logo features the text "EMC²" in a white, serif font, centered on a solid blue rectangular background. A registered trademark symbol (®) is located at the bottom right of the "C".

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