

Broadband service transmission by local area network

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The main objective of the technology lies in the standardization of Provider Backbone Bridging (PBB) and the overall exploitation, management and maintenance tools. Metro Ethernet is made up of many solutions, from access to core networks and long-distance solutions. Combining the high-density capability of Ethernet protocols and optical networking, the service provider can build a comprehensive Metro Ethernet (End-to-end) network with a variety of technologies.

Nortel experts' reviews show that Internet usage is moving away from its original target, which is reflected in three trends. The first is the development of online video in any form. The company's survey 2 months ago showed that up to 60% of Internet traffic is now reserved for viewing or uploading / downloading videos. The second trend is the independence between infrastructure and applications. Finally, the penetration of IT into the entertainment sector, not just business as before. Therefore, the old network architectures are " *short of breath* " before new applications.



Metro Ethernet Network demonstration device. (Photo: Hung Hai)

"The current wide area network architecture has a slow response, the ability to troubleshoot often from 1 to 5 seconds. That can interrupt a VoIP conversation," said Anup Changaroth, Metro Product Marketing Manager. Nortel's Ethernet, said. "Nortel's new network solution has the ability to automatically detect errors and recover in 50 milliseconds. That moment the user can't recognize it."

Nortel Vietnam representative said potential customers of this product will be provincial post offices, mobile information companies and other service providers.

Hung Hai

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