# End-to-End DSL Architectures (Networking Technology)

*Wayne Vermillion, Inc. Cisco Systems*

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Implement DSL end-to-end solutions for all six current DSL architectures

Coverage includes:

- All DSL varieties: U.S. and international varieties include ANSI and ITU standards as well as legacy and proprietary xDSL varieties, such as CAP
- Cisco DSL-related equipment that supports all the xDSL varieties and configurations in both Cisco IOS(r) Software and the graphical user interface Cisco DSL Manager (CDM) software
- All six architectures that implement DSL using TCP/IP, with in-depth discussion of the four most commonly-used architectures
- New standards and deregulation issues, including the ITU SHDSL standard and the evolving VDSL technology
- International regulatory and infrastructure issues, with measurements expressed for both U.S. and international audiences
- Common challenges and their solutions when deploying or migrating using xDSL, including voice-over-IP (VoIP) and multimedia traffic
- Using MPLS to move DSL-generated traffic through networks
- Bonus appendixes provide an overview of ATM as well as a tour of Cisco Long-Reach Ethernet (LRE)

Virtual private networks, firewall security, e-commerce applications, multiple voice lines, and e-learning programs: Digital Subscriber Line (DSL) can bring all of these services to even the smallest network at an affordable price. *End-to-End DSL Architectures* shows how DSL can save you time and money and, most importantly, give you a competitive edge. Your primer and guide to all things DSL, this book is written for both U.S. and international audiences and builds on your basic knowledge of internetworking and TCP/IP to evaluate and compare all six TCP/IP architectures for DSL.

In addition to addressing the fundamentals of DSL technology and offering guidance for planning future network evolution for a new or legacy DSL network, this book tells you what you really need to know, posing real-life challenges and explaining how to overcome common obstacles to implementation. To help you remember key concepts, each chapter of *End-to-End DSL Architectures* contains challenging, chapter-ending review questions that test your knowledge of the subject matter. A uniquely thorough glossary provides a concise yet full reference that is critical for sorting through the abbreviations and variations of DSL technology.

Whether you are searching for a comprehensive reference to DSL standards and equipment or require an end-to-end solutions guide for xDSL architecture, *End-to-End DSL Architectures* is your complete solution for implementing DSL technology anywhere in the world, in absolutely any network-but especially in your own.

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Precisely why? Because this End-to-End DSL Architectures (Networking Technology) is an unordinary book that the inside of the guide waiting for you to snap this but latter it will zap you with the secret the item inside. Reading this book beside it was fantastic author who write the book in such incredible way makes the content inside of easier to understand, entertaining technique but still convey the meaning thoroughly. So , it is good for you because of not hesitating having this anymore or you going to regret it. This excellent book will give you a lot of gains than the other book include such as help improving your proficiency and your critical thinking way. So , still want to hold up having that book? If I had been you I will go to the book store hurriedly.

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On this era which is the greater particular person or who has ability to do something more are more valuable than other. Do you want to become among it? It is just simple approach to have that. What you must do is just spending your time almost no but quite enough to enjoy a look at some books. One of many books in the top record in your reading list will be End-to-End DSL Architectures (Networking Technology). This book and that is qualified as The Hungry Slopes can get you closer in growing to be precious person. By looking right up and review this reserve you can get many advantages.

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