



Virtual Tunnel Interface (VTI) Design Guide

This design guide is written for systems engineers and support engineers to provide guidelines and best practices for deploying virtual tunnel interfaces (VTIs).

This design guide defines the comprehensive functional components required to build an enterprise virtual private network (VPN) solution that can transport IP telephony and video. It identifies the individual hardware requirements and their interconnections, software features, management needs, and partner dependencies. This helps a customer deploy a manageable and maintainable enterprise VPN solution. It is assumed that the reader has a basic understanding of IP Security (IPsec).

This design guide is part of an ongoing series that addresses VPN solutions, using the latest VPN technologies from Cisco, and based on practical, tested designs.

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Virtual Tunnel Interface Vti Design Guide

Anthony Bruno, Steve Jordan



Virtual Tunnel Interface Vti Design Guide:

Designing Cisco Network Service Architectures (ARCH) John Tiso, Keith T. Hutton, 2012 Designing Cisco Network Service Architectures ARCH Foundation Learning Guide Third Edition is a Cisco R authorized self paced learning tool for CCDP R foundation learning This book provides you with the knowledge needed to perform the conceptual intermediate and detailed design of a network infrastructure that supports desired network solutions over intelligent network services in order to achieve effective performance scalability and availability By reading this book you will gain a thorough understanding of how to apply solid Cisco network solution models and recommended design practices to provide viable stable enterprise internetworking solutions The book presents concepts and examples that are necessary to design converged enterprise networks Advanced network infrastructure technologies such as virtual private networks VPNs and other security solutions are also covered Designing Cisco Network Service Architectures ARCH Foundation Learning Guide Third Edition teaches you the latest development in network design and technologies including network infrastructure intelligent network services and converged network solutions Specific topics include campus routing addressing WAN services data center e commerce SAN security VPN and IP multicast design as well as network management Chapter ending review questions illustrate and help solidify the concepts presented in the book Whether you are preparing for CCDP certification or simply want to gain a better understanding of designing scalable and reliable network architectures you will benefit from the foundation information presented in this book Designing Cisco Network Service Architectures ARCH Foundation Learning Guide Third Edition is part of a recommended learning path from Cisco that includes simulation and hands on training from authorized Cisco Learning Partners and self study products from Cisco Press To find out more about instructor led training e learning and hands on instruction offered by authorized Cisco Learning Partners worldwide please visit www.cisco.com/go/authorizedtraining John Tiso CCIE No 5162 CCDP is a Product Manager for Cisco Systems He holds a B S Degree in Computer Science and Mathematics from Adelphi University and a Graduate Citation in Strategic Management from Harvard University John is a published author has served as a technical editor for Cisco Press and has participated as a SME for the CCIE program Prior to Cisco he was a senior consultant and architect in the Cisco partner channel Learn about the Cisco Enterprise Architecture Create highly available campus and data center network designs Develop optimum Layer 3 designs Examine advanced WAN services design considerations Evaluate SAN design considerations Deploy effective e commerce module designs Create effective security services and IPsec and SSL VPN designs Design IP multicast networks Understand the network management capabilities within Cisco IOS Software This book is in the Foundation Learning Guide Series These guides are developed together with Cisco R as the only authorized self paced learning tools that help networking professionals build their understanding of networking concepts and prepare for Cisco certification exams Category Cisco Certification Covers CCDP ARCH 642 874 [CCDA 640-864 Official Cert Guide](#) Anthony Bruno, Steve Jordan, 2011-06-09

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A Virtual Reality Interface Design (VRID) Model and Methodology Tanriverdi. Vildan, 2001 Virtual reality VR interfaces need to support a richer variety and more complex types of human computer interactions objects behaviors and communications than those observed in conventional interfaces Therefore design and development of VR interfaces is a challenging process that is currently more of an art than a science There is need for design models and methodologies that can guide designers in a thinking comprehensively about the overall design of the VR interface b decomposing the design task into smaller conceptually distinct and easier tasks and c communicating the structure of the design to software developers In this dissertation we introduce a virtual reality interface design VRID model and an associated VRID methodology to guide design of virtual reality interfaces The VRID model aims to provide guidance to designers as to what they should be doing in the design and why while the VRID methodology provides procedural steps and guidelines as to how the design model can be applied methodically The model uses a multi component object architecture to help designers specify graphical features behaviors interactions and communication mechanisms of interface objects The methodology guides designers in generating design specifications at high and low levels of abstraction and facilitates iterations and refinements between the two levels until a conceptually sound and practically implementable design emerges

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