

Hot Sheet

Nortel Converged Campus Networks — Key design documents and tools

The following highlights the key documents and tools that will ensure you are designing the best possible infrastructure in accordance with Nortel's design best practices. Review the key design guidelines, which stress a simple and efficient architecture while providing top-of-the-line performance and resiliency.

Campus Solution Guides and Best Practices

- **The Small Campus Solution Guide** (*NN48500-573*)
This TSG defines the recommended designs for a Small Converged Campus infrastructure by giving an overview of the best design practices to implement a small campus network along with example configurations.
- **The Medium Campus Solution Guide** (*NN48500-574*)
This TSG defines the recommended designs for a Medium Converged Campus infrastructure by giving an overview of the best design practices to implement a medium campus network along with example configurations.
- **The Large Campus Solution Guide** (*NN48500-575*)
This TSG defines the recommended designs for a Large Converged Campus infrastructure by giving an overview of the best design practices to implement a large campus network along with example configurations.
- **Switch Clustering Design Best Practices** (*NN48500-584*)
This document provides an overview of the recommended best practices for implementing Nortel's Switch Clustering.
- **Switch Clustering (SMLT/SLT/RSMLT/MSMLT) Supported Topologies and Interoperability with ERS 8600/5000/8300/1600** (*NN48500-555*)
This interoperability document shows all of the Switch Clustering topologies supported by Nortel.
- **Switch Clustering using Split Multi-Link Trunking (SMLT) with ERS 8600, 8300, 5x00 and 1600 Series** (*NN48500-518*)
This document is a step-by-step guide on how to configure Nortel's Split Multi-Link Trunking with numerous example topologies and configuration details.

Data Center Solution Guides

- **Data Center Server Access Solution Guide** (*NN48500-577*)
The different server NIC teaming options and Nortel Switch Clustering configurations are covered in great detail with examples for each.
- **Resilient Data Center Server Edge Solutions for VMware ESX Server** (*NN48500-542*)
This configuration guide describes the options and best practices for connecting servers in a data center that will run VMware's ESX Server. Configuration examples are provided for both VMware and Nortel.
- **Resilient Data Center Server Edge Solutions for Microsoft Hyper-V Servers** (*NN48500-585*)
This configuration guide describes the options and best practices for connecting servers in a data center that will run Microsoft's Hyper-V Server. Configuration examples are provided for both Microsoft and Nortel.

Tools

- **Ethernet Routing Switch Feature Comparison Matrix** (NN117720)

The feature matrix is a useful quick reference showing which of the major features are supported on the various Nortel Ethernet Routing Switch products.

- **PoE Calculator** (NN48500-520)

The Power over Ethernet calculator provides the Ethernet switching power requirements when designing a converged infrastructure supporting PoE devices such as phones and wireless access points.

- **ERS/MERS 8600 Power Supply Calculator** (NN48500-519)

The power supply calculator provides the Ethernet switching power requirements for any ERS or MERS 8600 chassis, based on the number and type of modules (I/O and Switch Fabrics) being used.

- **Nortel Energy Efficiency Calculator**

Use the NEEC tool to calculate the cost savings on energy when using Nortel versus the competition.

All of the above documents and tools with a Nortel document number (NNxxxxx) can be found quickly and easily by doing a search on the www.nortel.com page and using the specific document number as the search criteria.

The Nortel Energy Efficiency Calculator (NEEC) can be found by going to www.nortel.com/energy. On this webpage, simply click on the 'Learn how much you can save with Nortel' hotlink. This will take you directly to the NEEC.

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