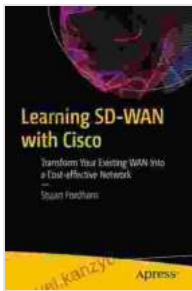


# Transform Your Existing WAN Into a Cost-Effective Network: A Comprehensive Guide

In today's competitive business landscape, organizations need to be able to connect their employees, customers, and partners in a fast, reliable, and cost-effective manner. Wide area networks (WANs) are essential for enabling these connections, but they can also be a significant source of expense.



## Learning SD-WAN with Cisco: Transform Your Existing WAN Into a Cost-effective Network by Stuart Fordham

★★★★☆ 4.1 out of 5

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Enhanced typesetting : Enabled  
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The good news is that there are a number of strategies and technologies that businesses can use to transform their existing WANs into more cost-effective networks. This guide will provide you with a comprehensive overview of these strategies and technologies, and will help you to develop a plan for transforming your own WAN.

## What is a WAN?

A WAN is a network that connects two or more geographically dispersed locations. WANs are used by businesses to connect their headquarters to their branch offices, remote workers, and customers.

WANs can be implemented using a variety of technologies, including:

- MPLS
- VPN
- SD-WAN
- Internet

The type of WAN technology that is best for a particular business will depend on a number of factors, including the size of the network, the geographic dispersion of the locations, and the required level of performance.

### **Why is WAN optimization important?**

WAN optimization is the process of improving the performance of a WAN. WAN optimization can be used to reduce latency, increase bandwidth, and improve reliability.

There are a number of reasons why WAN optimization is important, including:

- **Improved performance:** WAN optimization can help to improve the performance of applications that are used across the WAN. This can lead to increased productivity and improved customer satisfaction.

- **Reduced costs:** WAN optimization can help to reduce the cost of bandwidth. This is because WAN optimization can reduce the amount of bandwidth that is required to provide a given level of performance.
- **Improved reliability:** WAN optimization can help to improve the reliability of the WAN. This is because WAN optimization can reduce the impact of network outages and other disruptions.

## **How to transform your WAN into a cost-effective network**

There are a number of strategies and technologies that businesses can use to transform their existing WANs into more cost-effective networks. These strategies and technologies include:

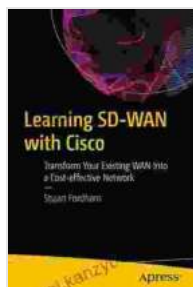
- **Use SD-WAN:** SD-WAN is a new WAN technology that is designed to be more cost-effective than traditional WAN technologies. SD-WAN uses a software-defined approach to WAN management, which gives businesses more flexibility and control over their networks.
- **Implement WAN optimization techniques:** WAN optimization techniques can be used to improve the performance of WANs without increasing the cost of bandwidth. WAN optimization techniques include:
  - Data compression
  - Caching
  - Prioritization
- **Consolidate your WAN providers:** By consolidating your WAN providers, you can reduce the cost of your WAN. This is because you can negotiate better rates with a single provider.

- **Use cloud-based WAN services:** Cloud-based WAN services can be more cost-effective than traditional WAN services. This is because cloud-based WAN services are typically pay-as-you-go, which means that you only pay for the bandwidth that you use.

By following the strategies and technologies outlined in this guide, businesses can transform their existing WANs into more cost-effective networks. This can lead to improved performance, reduced costs, and improved reliability.

If you are interested in learning more about WAN optimization, I encourage you to download our free white paper on the topic. This white paper provides a more in-depth look at WAN optimization and its benefits.

Download the white paper



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