

# How to find loops on an access switch



## Overview

We will show you how to detect routing loop and physical loop with a network analyzer such as Colasoft Capsa or Wireshark. Switching loops occur when network switches are connected together in such a way that network traffic loops around infinitely instead of traversing the hops needed to travel from source to destination. They can take down an entire network. Our topo at a site goes WAN rtr---LAN rtr (6500 of 3550)----distro switches----access switches. Now at most of our sites we use Extreme, which has a handy feature called ELRP Extreme Loop Recovery Protocol, despite the name, this mechanism just detects loops, in the logs we can see, ok. The strict mode is based on interface and loose mode based on VLAN. There is also of course the way to get a hard proof by using Wireshark and a packet capture to check if one and the same frame is appearing with a.

## Article Content

How to Detect Routing Loops and Physical Loops with a ...

Learn how to use a packet sniffer to detect routing loops & physical loops in your network topology.

HOW to detect cisco loop

HOW to detect cisco loop the fastest way is to check the logs in the switch #cisco #switches #loop #routers #macaddress...more

Fix Network Loops: Step-by-Step Guide

If left unresolved, network loops can disrupt communication, slow down network performance, and even crash switches or routers. This guide will help you detect and fix network loops using Spanning Tree ...

Loop protection

Loop protection has no such limitation, and can be used to prevent loops on unmanaged switches. Loop protection finds loops by sending loop protection packets on each port, LAG, VLAN, or VXLAN on ...

loop in my network, easiest way to find it?

If you have intelligent switches, then connect to the console port of the switch and look through the port stats for the port that is taking a significant number of errors and disable it or unplug ...

Solved: Method for detecting loops.....

Commonly these loops come from classrooms that have mini-sw's that are looped onto themselves or a wall jack connected to mini sw and that mini sw then connected to another wall drop ...

Switching Loops: The Best Practices To Avoid Them

Understand how switching loops are created and learn the best practices for preventing them using the spanning tree protocol and portfast mode.

Solved: RUCKUS Forums

Shams described the types of loop detection correctly. Loose mode can be a bit tricky since it will disable ports if a control packet is looped back anywhere on the same vlan.

## Contact Us

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