This article provides guidance for troubleshooting issues that may appear when using Cisco Nexus 7000 Series. This article introduces tools and methodologies to recognize a problem, determine its cause, and find possible solutions. However, these documentation helps only in basic troubleshooting.

We encourage users to review the Cisco Live Presentation for detailed troubleshooting for Nexus 7000.

Sections of this presentation covers, both platform independent, and platform specific step by step troubleshooting for most common issues. Access to this presentation is available FREE. Follow the below instructions to access the presentation.

1. Visit https://www.ciscolivevirtual.com/

2. Register for free.

3. Click on "Cisco Live Virtual" link.

4. Click on the ?Sessions? Tab on top, and select ?2011 Sessions Catalog?

5. In the search box, type ?BRKCRS-3144? and Submit search.

6. Select the session. You can either View the Session (or) download the pdf

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Audience and Generating a PDF of This Guide

This article is for experienced network administrators who configure and maintain NX-OS devices.

Cisco Nexus 7000 Series NX-OS Troubleshooting Guide -- Book PDF

Organization

This article is organized into the following sections:

Troubleshooting Overview

Troubleshooting Installs, Upgrades, and Reboots

Troubleshooting Licensing

Troubleshooting VDCs

Troubleshooting CFS

Troubleshooting Ports

Troubleshooting vPCs

Troubleshooting VLANs

Troubleshooting STP

Troubleshooting Routing

Troubleshooting Unicast Traffic

Troubleshooting Multicast Traffic

Troubleshooting WCCP

Troubleshooting Memory

Troubleshooting Packet Flow Issues

Troubleshooting Service Failures

Before Contacting Technical Support

Troubleshooting Tools and Methodology