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This guide provides a systematic approach to identifying and remedying problems that may arise as you use your WAAS system over a period of time. This guide is not intended to replace configuration best practices or to be an all-inclusive guide for every application. Rather, it is an attempt to provide you with the knowledge and skills necessary to correct the most common issues that you may encounter.

This guide applies to WAAS version 4.1.3 and later releases.

## Audience

This article is intended for trained network administrators who have experience with the configuration and maintenance of the WAAS system.

## Organization

This article consists of the following major sections:

[Understanding the WAAS Architecture and Traffic Flow](#)

[Preliminary WAAS Troubleshooting](#)

[Troubleshooting Optimization](#)

[Troubleshooting Application Acceleration](#)

[Troubleshooting the CIFS AO](#)

[Troubleshooting the HTTP AO](#)

[Troubleshooting the EPM AO](#)

[Troubleshooting the MAPI AO](#)

[Troubleshooting the NFS AO](#)

[Troubleshooting the SSL AO](#)

[Troubleshooting the Video AO](#)

[Troubleshooting the Generic AO](#)

[Troubleshooting Overload Conditions](#)

[Troubleshooting WCCP](#)

[Troubleshooting AppNav](#)

[Troubleshooting Disk and Hardware Problems](#)

[Troubleshooting Serial Inline Clusters](#)

[Troubleshooting vWAAS](#)

[Troubleshooting WAAS Express](#)

[Troubleshooting NAM Integration](#)

## **Creating a PDF of the WAAS Troubleshooting Wiki**

Create a PDF of the [Cisco WAAS Troubleshooting Guide](#) that you can save on your computer and print.

## **Related Documentation**

- [Release Notes for Cisco Wide Area Application Services](#)
- [Cisco Wide Area Application Services Quick Configuration Guide](#)
- [Cisco Wide Area Application Services Configuration Guide](#)
- [Cisco Wide Area Application Services vWAAS Installation and Configuration Guide](#)
- [Cisco Wide Area Application Services Command Reference](#)
- [Cisco Wide Area Application Services Upgrade Guide](#)
- [Cisco Wide Area Application Services API Reference](#)
- [Cisco Wide Area Application Services Monitoring Guide](#)
- [Using the Print Utilities to Troubleshoot and Fix Samba Driver Installation Problems](#)
- [Cisco WAAS Installation and Configuration Guide for Windows on a Virtual Blade](#)
- [Cisco WAAS Installation and Configuration Guide for ACNS on a Virtual Blade](#)
- [Cisco WAAS on Service Modules for Cisco Access Routers](#)
- [Cisco SRE Service Module Configuration and Installation Guide](#)
- [Configuring Cisco WAAS Network Modules for Cisco Access Routers](#)