



## AppQoE Verification and Troubleshooting

To achieve simplification and consistency, the Cisco SD-WAN solution has been rebranded as Cisco Catalyst SD-WAN. In addition, from Cisco IOS XE SD-WAN Release 17.12.1a and Cisco Catalyst SD-WAN Release 20.12.1, the following component changes are applicable: **Cisco vManage to Cisco Catalyst SD-WAN Manager**, **Cisco vAnalytics to Cisco Catalyst SD-WAN Analytics**, **Cisco vBond to Cisco Catalyst SD-WAN Validator**, **Cisco vSmart to Cisco Catalyst SD-WAN Controller**, and **Cisco Controllers to Cisco Catalyst SD-WAN Control Components**. See the latest Release Notes for a comprehensive list of all the component brand name changes. While we transition to the new names, some inconsistencies might be present in the documentation set because of a phased approach to the user interface updates of the software product.

**Table 1: Feature History**

Feature Name	Release Information	Description
Enhanced Troubleshooting for AppQoE	Cisco IOS XE Catalyst SD-WAN Release 17.6.1a	<p>This release introduces additional show commands to verify and troubleshoot issues in AppQoE features. A few existing show commands for AppQoE have also been enhanced.</p> <ul style="list-style-type: none"><li>- show sdwan appqoe error recent</li><li>- show sdwan appqoe status</li><li>- show sdwan appqoe flow closed (command modified to include the keyword error)</li><li>- show sslproxy status (command output modified)</li></ul>

### show Commands for AppQoE

Use the following commands to verify the configuration of various AppQoE features and troubleshoot common issues:

- [show sdwan appqoe](#)
- [show sdwan appqoe dreopt](#)
- [show sdwan appqoe dreopt statistics](#)

- `show sdwan appqoe error recent`
- `show sdwan appqoe status`
- `show sdwan appqoe flow closed`
- `show sdwan appqoe flow flow-id`
- `show sdwan appqoe flow vpn-id`
- `show sslproxy status`