



Overview

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Audience

This guide is for experienced network administrators who want to deploy Cisco Crosswork Data Gateway for Crosswork Cloud in their network. Users of this guide should have a valid login for the Cisco Crosswork Cloud environment. This guide assumes that you are familiar with the following topics:

- Deploying OVF templates using VMware vCenter or OVF Tool.
- Working knowledge of the OpenStack platform.
- Deploying Cisco Crosswork Data Gateway using the CloudFormation template in Amazon Elastic Compute Cloud (EC2).
- Network monitoring and troubleshooting.
- Different operating systems used on devices that form your network, such as Cisco IOS-XR, IOS-XE, and NX-OS.
- Proxy settings necessary to connect from your company's internal network to the Crosswork Cloud.

Overview of Cisco Crosswork Data Gateway

Cisco Crosswork Data Gateway enables collection of data from the monitored devices and forwards the collected data to the Cisco Crosswork Cloud applications. These applications can use the data for further analysis and if required, alert an administrator for further action.



Attention

This guide explains how to install and configure Cisco Crosswork Data Gateway for Cloud applications.

For details on deploying Crosswork Data Gateway with on-premise applications, refer to the *Cisco Crosswork Infrastructure 4.5 and Applications Installation Guide*.

Crosswork Data Gateway has been validated for use with the following Crosswork Cloud applications:

- Cisco Crosswork Trust Insights is a cloud-based SaaS solution that reports on the integrity of devices and provides forensics for assured inventory.
- Cisco Crosswork Cloud Traffic Analysis service is a hosted application that provides rich analysis, visualization, and optimization recommendations for network traffic flows.