



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:

- Understanding of the datacenter where you want to install Cisco Crosswork Data Gateway. With this knowledge, you must be able to deploy applications using one of the supported virtualization platforms:
 - VMware vCenter: Deploy OVF templates using VMware vCenter CLI or OVF Tool.
 - OpenStack: Deploy Cisco Crosswork Data Gateway on the OpenStack using the CLI or UI.
 - Amazon EC2: Deploy the CloudFormation template in Amazon Elastic Compute Cloud (EC2).
- Monitoring and troubleshooting of network components.
- 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 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 Crosswork Data Gateway for use with Crosswork applications hosted in the cloud and managed by Cisco.

For details on deploying the Crosswork Data Gateway with Crosswork applications deployed in your data center or in a cloud environment that you manage, refer to *Cisco Crosswork Network Controller 6.0 Installation Guide*.

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

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