

About Crosswork Cloud External Routing Analytics

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About Crosswork Cloud Network Insights

Your network can be a complex and often times unpredictable environment. Routing events that are caused by automated systems, malicious attacks, or simply operational errors can have unforeseen effects on network services. Routing protocol event information can be difficult to comprehend when not organized, analyzed, and displayed logically.

Crosswork Cloud Network Insights is a SaaS application that provides rich analysis, visualization, and alerting on actionable network events. Crosswork Cloud Network Insights operates as a hosted service and helps you assess the routing health of your network. Crosswork Cloud Network Insights provides you with the information you need to determine the stability of your networks and potential risks to your IP routing assets. Crosswork Cloud Network Insights aggregates global and local routing information and identifies the source of anomalies based on a consensus of the routing databases. You can track live and historical activity of your own global BGP and IP information. You can also quickly and easily investigate other entities that might be the cause of issues based on the information provided by the platform

The service provides a secure and low-risk method of collecting route information at a global scale.

Crosswork Cloud Network Insights Tools

In addition to monitoring routing information, Crosswork Cloud Network Insights provides a set of tools to help validate ROA information and graphically visualize AS paths:

- Path Topology—Provides a topology view of all peer, transit, and origin ASN that are advertised in AS paths for a prefix. For more information, see View Prefix Topology.
- Route Origin Validation—Compares ROA information against BGP updates. If the ROA information does not match the data retrieved from a BGP update, it is considered a violation. By default, the tool displays all prefix ROAs in violation (ROA Status filter is set to **Invalid**). For more information, see Validate Route Origin Information.