

## Site of Origin

The site of origin prevents routing loops when you have a multihomed VPN site.

Routes learned from the same site are tagged with the same site-of-origin value that is configured at the PE on all the PE-CE links to the same site.

Routes with a particular site-of-origin value are never readvertised back to a CE with the same site-of-origin value configured at the PE-CE link.

This process prevents a CE router from relearning routes that originated from the same site.

BGP and EIGRP use site of origin to prevent loops.

You can override the autonomous system number (ASN) of a site with the ASN of the provider.

This feature is often used with the site of origin to identify the site where a route originated and prevent routing loops between routers within a VPN.