



## Secure routing equipment and supportive vendors are vital to the future and stability of the Internet.

Mutually Agreed Norms for Routing Security (MANRS) helps reduce the most common threats to the Internet's routing system. Participants implement actions that ultimately help defend the Internet against route hijacks, route leaks, IP address spoofing, and other attacks.

Network equipment vendors provide business-grade products and services to fixed and mobile operators, Internet exchange points (IXPs), enterprises, content delivery networks (CDNs), and cloud providers. Sometimes, though, desired security features lack a compelling business case, which affects their availability and time to market.

By coming together to improve security controls and support for their products such as routers and switches, equipment vendors enable customers worldwide to route Internet traffic securely by default.

The MANRS Equipment Vendor Program outlines recommendations for all network equipment vendors to secure the key building blocks of the Internet's infrastructure for businesses and consumers alike.

### By joining the MANRS Equipment Vendor Program, participants commit to improve routing security via:

1. Providing relevant security features so network operators, IXPs, CDNs, and cloud providers can take the MANRS Actions to prevent incorrect routing information and IP address spoofing.
2. Promoting MANRS through training and technical content.
3. Committing to actively participate in the MANRS community to advise members, develop solutions, contribute to routing security resources, and promote MANRS.

## Join us in protecting the Internet ecosystem.

We invite network equipment vendors around the world to join the program.

[manrs.org](https://manrs.org)