Routing Security Home

Routing Security

The Internet2 Security Working Group has been working with the Internet2 Security team to develop a set of guides around routing security. These efforts primarily focus on BGP routing and center around the recommendations and discussions found in RFC 7454 "BGP Operations & Security", published in February of 2015.

The goal was not develop a set of Best Practices, but rather to engage on a discussion around the various topics so that operators could make an informed decision about implementing, or not, the various topics from the RFC.

You can find the RFC, as well as the individual topic areas, linked to in the left sidebar.

RFC 7454

Filtering eBGP to the router

Filtering iBGP at the edge

GTSM

Max Prefixes

Bogons

MD5 / TCP-AO

Rate-Limiting (Draft)