

# Settlement Free Peering Policy

## Interconnection with AS210633

### Introduction

This policy sets forth the requirements for parties desiring to peering with DevStorage's AS210633 network and any downstream networks on a settlement-free basis.

DevStorage uses public Internet exchange points ("IXPs") and private network interconnections ("PNIs"). A list of DevStorage's public peering exchange points and private peering facilities can be found on DevStorage's AS210633 profile at [peeringdb.com](https://www.peeringdb.com). DevStorage selectively announces routes at each site based on factors such as the site's proximity to DevStorage regions and service endpoints, and may announce, withdraw, or no longer announce routes at its discretion to maintain availability, redistribute traffic, or reduce abuse.

Peering with DevStorage under this policy is not a service offering, does not create a contractual relationship and is not subject to any service level agreements or network availability or other guarantees.

### General Peering Policy

General requirements for those networks who wish to peer with DevStorage are:

- A fully redundant network with sufficient capacity to exchange traffic without congestion.
- Publicly routable ASN
- Publicly routable address space (at least one /48 of IPv6 space or /24 of IPv4 space)
- 24x7 NOC contact capable of resolving BGP routing issues, denial of service attacks and security issues (or more generically, network issues)
- Maintaining accurate and up-to-date peeringDB information
- Presence at one or more of the Internet Exchanges or private peering interconnection facilities listed for DevStorage in PeeringDB
- Routes being sent should pass ROA validation (valid, instead of unknown)
- Minimum traffic requirements as set forth below

### Other requirements

#### Public peering

- Traffic: We prefer to exchange routes via route servers as we already have session with them. If you wish to have direct BGP session with us, ASNs exhibiting more than 1Gbps of DevStorage traffic at peak, in either direction, can request peering via a bilateral BGP session over an Internet Exchange, please contact [noc@devstorage.email](mailto:noc@devstorage.email)

#### Private peering

- Diversity: A requesting network should have the ability to peer with DevStorage at a reasonable level of diversity (e.g., metro, facility, router) in a location where DevStorage has a peering point of presence

- Traffic: ASNs exhibiting more than 10Gbps of DevStorage traffic at peak, in either direction, can request private peering via a bilateral BGP session over dedicated port(s). We prefer 100GE ports for such private peering but also accept multiple 10GE ports. Please contact [noc@devstorage.email](mailto:noc@devstorage.email) for detailed information.
- DevStorage prefers private peering, also known as Private Network Interconnect (PNI), for networks with sufficient traffic volume.
- DevStorage may remove a public peering session once a corresponding PNI has been established.

## Routing policy

In general, networks that have established peering sessions with DevStorage will receive all DevStorage routes within that area. At times, local infrastructure requirements or constraints may result in a more limited set of routes being advertised from DevStorage. These routes would be relevant to the local peering region.

DevStorage has a strict filtering policy. DevStorage permanently validates incoming and outgoing routes for valid ROA and RPKI. In addition, transit paths are filtered out of routes. However, this does not exempt our BGP peers from the obligation to send only valid routes to us and to use filtering techniques.

## Maximum prefixes

We suggest peers set a max-prefix of at least 1000 for IPv6 routes and 100 for IPv4 routes on peering sessions with DevStorage. Current peering and prefix data can be found on our [PeeringDB](#) page.