IXP Route Collector

A Route Collector is a router or appliance running a routing daemon that gathers routing information from IXP members. Its purpose is to be a reference for the routing information available at the IXP, and is useful for promotional purposes of the IXP to attract new members. It is also very useful as the “back-end” of a widely used facility called a Looking Glass.

Each member peers with the Collector using the same outbound BGP policy configuration as they would with any other peer.

The Collector is attached to the IXP's LAN like any other IXP participant would be.

Any device capable of talking modern standards based BGP can act as a Route Collector. This can range from older routers no longer useful for service to routing software running on Linux or BSD-based appliances, such as BIRD or FRR.

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https://www.bgp4all.com/pfs/ - **Philip Smith's Internet Development Site**

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Last update: **2022/07/31 07:33**