

About RedIRIS

RedIRIS is the Spanish academic and research network that provides advanced communication services to the scientific community and national universities. It is funded by the Ministry of Economy, Industry and Competitiveness and is included in the Ministry's map of Special Scientific and Technological Facilities (ICTS). It is managed by the Public Corporate Entity Red.es, which reports to the Ministry of Energy, Tourism and the Digital Agenda.

RedIRIS has over 500 affiliated institutions, mainly universities and public research centres, which join this community by signing an affiliation agreement.

General Guidelines for peering:

RedIRIS has an open peering policy and will generally accept public peering requests from any organization, subject to certain technical, commercial and legal requirements.

Private peering requests are also considered but managed under a selective peering policy. Public peering at open peering exchange points are preferred.

Technical and Operational Requirements for peering with RedIRIS:

- A publicly routable ASN
- At least one publicly routable /24
- BGP-4 is used to exchange routing information between peers.
- Both IPv4 and IPv6, unicast and multicast, are supported. RedIRIS encourages to exchange IPv6 traffic to improve its use.
- Peer must not statically route to RedIRIS (except where necessary for setting up the BGP connection) or alter 'next hops' such that they are routing to RedIRIS for networks which are not being advertised across the peering session.
- Traffic exchange is not permitted for networks that are not customers of either peer, except with the explicit written (by email) agreement between parties.
- Peering network should exchange traffic without congestion.
- Peer network must have a knowledgeable 24x7x365 technical staff for handling technical and performance issues, security incidents and network abuse.
- Peer network should maintain up-to-date information about their routes in a public Internet Routing Registry (IRR) database, for the purpose of filtering.
- Peers are requested to maintain an up-to-date peeringdb entry, including exchange information with properly formatted public addresses, ASNs and NOC/peering contact information.
- Peer network should notify RedIRIS (by email) of any planned or unplanned maintenance.

- RedIRIS reserves the right to implement packet filters on their backbone routers protect their community from malicious traffic, misconfiguration and/or abuse of network capacity.
- RedIRIS reserves the right to discontinue any peering agreement at any time and for any reason. RedIRIS will endeavour to provide written notice (by email) in advance of any such action.

RedIRIS Peering Information:

ASN	<u>AS766</u>
AS766 RIPE IRR objects	Announcements under AS-REDIRIS
PeeringDB	<u>http://as766.peeringdb.com</u>
NOC Contact	<u>iris-nd@rediris.es</u>
Peering Contact	<u>noc@rediris.es</u>
Website URL	<u>http://www.rediris.es</u>