

# RIX Connect Agreement

## Purpose

The Reykjavik Internet Exchange (RIX) was established to interconnect Internet Service Providers (ISPs) located in Iceland in a cost-effective and simple manner. RIX does not compete with its members and will not offer any services not consistent with its primary purpose.

Agreement between:

Internet á Íslandi hf. ID number 660595-2449  
Katrínartúni 2  
105 Reykjavík

### and the connecting party (CP)

Company: \_\_\_\_\_

Corporate Identity No: \_\_\_\_\_

Address : \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

AS# \_\_\_\_\_

Connects to POP (TG/K2/MH) \_\_\_\_\_

Type of connection (TX/SR/LR/ER..) \_\_\_\_\_

Connection Speed (100G/10G/1G) \_\_\_\_\_

Connection provider \_\_\_\_\_

Physical (fiber pair/bidi/cat ..) \_\_\_\_\_

## Cost

The RIX connection is billed monthly, in advance, according to the current RIX pricing schedule.

## Connectivity Requirements

The Connecting Party (CP) agrees to the following:

### Operational requirements:

- The CP shall enter into a peering agreement (formal or informal) with at least one of the existing RIX members.
- The CP shall nominate a technical and administrative contact responsible for the CP's connection to the RIX. The contacts must have valid email addresses.
- The CP shall register a email address for accepting peering requests. The CP shall respond to such request within two days.
- The CP shall not refer their customer to the RIX operators for information on connectivity problems.

### Technical Requirements

- The CP must have their own Autonomous System Number, and must register their routing policy with the RIPE RIB.
- The CP must register an inetnum and route objects of all networks announced to other RIX parties across the RIX.
- The CP peerings across the RIX must use BGP-4 to exchange routes.
- The CP router interface facing the RIX must only be numbered from the RIX peering network.
- Only one MAC address from the CP router must be visible via the RIX.

- The CP should ensure the stability of their routing announcements and ensure maximum possible aggregation of their prefixes.
- The CP only directs traffic to networks heard via BGP-4 from other peering parties on the RIX.
- ARP is the only allowed broadcast type. The CP must ensure that no ICMP redirect, CDP, IRDP or directed broadcasts are generated.
- The CP may only connect their own equipment to the RIX switch, not equipment operated by a third party.
- The CP must label all equipment colocated with the RIX.
- The CP agrees to upgrade the bandwidth of their RIX connection if their 30 day average traffic is over 65% of the circuit capacity.
- The CP must not connect their customer directly to their colocated RIX router.
- The CP must not use the RIX to transport traffic between their own networks, within their own AS#.
- In general, the CP agrees to conduct their traffic in accordance with STD0001 and other relevant STD documents.

### **ISNIC, the RIX operator agrees to the following:**

- to operate the RIX switches so that the CPs can, without technical limitations connect to each other according to the rules of engagement set by the RIX operators.
- to make available rack space and protected power for the CP's router.
- to grant the CP access to their own equipment as needed.
- to monitor and measure traffic and other relevant operational parameters and make this information publicly available.
- to communicate problems with the CP circuits and equipment, as long as this is visible to the RIX operators.

### **Cancellation**

The agreement terminates **three months** after a notice from either party.

### **Access**

The CP has access to their own colocated equipment during office hours, accompanied by a RIX/ISNIC employee.

Office hours are 09:00-17:00 GMT0

### **Insurance**

Insurance is required for colocated equipment.

### **Confidentiality**

Employees of Internet á Íslandi hf., will handle all information about the connection and traffic as confidential.

### **Date:**

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### **On behalf of RIX**

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### **On behalf of the CP**

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**Contacts:**

Administrative Contact:

Name: \_\_\_\_\_

E-mail: \_\_\_\_\_

ISNIC NIC-handle: \_\_\_\_\_

Technical Contact:

Name: \_\_\_\_\_

E-mail: \_\_\_\_\_

ISNIC NIC-handle: \_\_\_\_\_

Email for peering requests: (will be subscribed to the peering mailinglist, [rix-announce@lists.isnic.is](mailto:rix-announce@lists.isnic.is)).

E-mail: \_\_\_\_\_

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Internet á Íslandi hf. -- Reykjavík Internet Exchange (RIX) útg. 2.4