



University of Zagreb
University Computing Centre - SRCE

Class: 030-02/19-201/001
Ref. Number: 3801-2-201-02-19-4
Zagreb, October 29, 2019

According to Article 5 of the Policy of Croatian Internet Exchange (CIX), Croatian Center for Exchange of Internet Traffic, this document defines technical specifications, possible types of services and prices of certain types of services.

CIX TECHNICAL DESCRIPTION AND SERVICES

Technical description

CIX Infrastructure is distributed and its nodes are located at:

- CIX1 - Josipa Marohnića 5, Zagreb (Data center Srce)
- CIX2 - Selska cesta 93, Zagreb (Data center Altus IT d.o.o.)

CIX Infrastructure consists of:

- Active Network switching equipment (1/10/100G)
- Linux Servers (Route Servers)
- 19 " racks in protected and air-conditioned data centers
 - o Two redundant optical links and CWDM system with 16x10Gbit/s capacity (connection between CIX1 and CIX2)

CIX members are connected within CIX over peering VLAN: IPv4 address space 185.1.87.0/24, IPv6 address space 2001:7f8:28::/64 and AS number 51702.

For the purpose of connecting to peering VLAN, one IPv4 and one IPv6 address per interface/channel is assigned to CIX member.

It is allowed to use 10 MAC (Media Access Control) addresses per interface/channel within the peering VLAN. The use of STP (Spanning Tree Protocol) protocol is not allowed.

Connection of a CIX member's equipment to CIX can be performed by using a Copper/UTP or optical connection to LC connector via SFP or SFP+ module. Supported types and characteristics of the physical connection can be found in the table below.

