Connectivity specification

This specification is a general specification of the connectivity provided within the scope of the data network of the company Coolhousing s.r.o. (hereinafter "Provider"), and describes the default parameters which are applicable unless stipulated otherwise in the Contract.

Basic provisions

Unless explicitly set forth otherwise in the Contract, all connectivity supplied by the Provider is shared without a guaranteed minimal throughput.

Port speeds

The most frequently used port speeds within the scope of the Provider's network are 100 Mbps (Fast Ethernet), 1000 Mbps (Gigabit Ethernet, 1 Gbps) and 10 Gbps (10 Gigabit Ethernet). The line capacity is given by the port speed which the service uses (the service is connected to the Provider's network).

Shared connectivity models, and its parameters

The following connectivity models, with the appropriate parameters, are used within the scope of the Provider's services.

Connectivity model	Port speed	Bandwidth CZ/SK	Bandwidth foreign	Maximum aggregate ratio
100Mbps management	FastEthernet	100Mbps	100Mbps	1:48
100Mbps VPS	FastEthernet	100Mbps	100Mbps	1:24
100Mbps Basic	FastEthernet	100Mbps	100Mbps	1:24
1Gbps Basic	GigabitEthernet	1000Mbps	1000Mbps	1:24
1Gbps Advanced	GigabitEthernet	1000Mbps	1000Mbps	1:24

The bandwidth is valid for both incoming and outgoing directions at the same time; i.e. it is a full-duplex line.

Connectivity limits

The afore-mentioned limits are applicable in the default settings of the connectivity (service).

Maximum number of Packets

A Packet refers to a block of data transmitted within the network. The number of Packets is stated as Packets per one second (pckt/s). The maximum number of Packets in both incoming and outgoing directions for any one IP address, at the recommended average size of 512 bytes, is 25000 Packets per one second.

Maximum number of Flows

Flow, or Flows, refers to the number of newly established connections per one second (Flows/s). As an illustration, a very well running web server fluctuates around 50 Flows/s, which means 50 new visitors per one second, 3,000 new visitors per one minute and 180,000 new visitors per one hour. The maximum number of Flows in both incoming and outgoing directions is 1500 Flows/s.

Average line capacity

The line capacity is stated in Mbps, or in derived units. Within the scope of shared connectivity, 20% is permitted as the maximum average port capacity in both incoming and outgoing directions over a period of 24 hours.

Recommended data transfers

Data transfers are unlimited within the scope of all the services. However, the Provider has listed the recommended maximum data transfer values for 30 days. The attainment or exceeding of the given values is reason to increase the connectivity model.

Connectivity model	Recommended maximum data transfer
100Mbps management	100 GB
100Mbps VPS	10 TB
100Mbps Basic	10 TB
1Gbps Basic	25 TB
1Gbps Advanced	50 TB

Dedicated line

A dedicated line is a type of connection within whose scope the Provider guarantees minimum and maximum throughput within their network. Unless stipulated otherwise in the Contract, the same limits regarding the maximum number of Flows and Packets as above apply for the dedicated line. Within the scope of the dedicated line service, the Customer is entitled to use the dedicated line's capacity in full, with no restrictions.

In Prague, on 01/12/2018

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