Application for IPv4 and IPv6

Send to: **ip-request@bahnhof.net** Remember to sign!
Enter in the subject line: **customer number and service ID**

Questions? E-mail us at leverans@bahnhof.net or call 010-510 00 00 and choose business services.

Contact person

Customer number	Company name		Service ID* (voluntary)	First and last name
Site address			Postal code (ZIP)	City
E-mail		Phone		Mobile

*Available on customer specification.

Present IP addresses

Network address	Subnet mask	No in active use	Description of usage	Return IP-address(es)
				☐
				☐

Information and price

Each dedicated connection includes 4 IP addresses. 1 IP address is assigned below in blocks of 4 IP addresses. The fee for an IP address is 20 SEK x4 = 80 SEK. IPV6 addresses are included 1x/48.

Number of addresses	Monthly recurring cost (MRC) for new orders, discount of 80 SEK	Monthly recurring cost for extension, regular price	Additional information			Order IPv4 (leave blank if you want IPv6)	
To use			Block	Prefix	Subnet mask		
1 IP address	0 SEK	80 SEK	4	/30	255.255.255.252		☐
5 IP addresses	80 SEK	160 SEK	8	/29	255.255.255.248		☐
13 IP addresses	240 SEK	320 SEK	16	/28	255.255.255.240		☐
29 IP addresses	560 SEK	640 SEK	32	/27	255.255.255.224		☐
61 IP addresses	1 200 SEK	1 280 SEK	64	/26	255.255.255.192		☐
Individual addresses for broadband district network connection	20 SEK/address				Quantity		

Broadband district network connections have a different type of configuration between Bahnhof and the broadband district network, hence IP address extension in blocks is not sold. However, there are some exceptional cases, in which the pricing for extension is the same as for dedicated services.

Motivation

Briefly tell us what you will use the IP addresses for.

Signature

First and last name	Signature

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Conditions

Bahnhof reserves the right to recall granted IP segments in cases where the customer does not actively use a considerable share of the allocated segments' IP addresses. In such cases, Bahnhof will replace the customer's IP segment with one well adapted to the amount in active use. For more IP addresses, a specification of what the addresses will be used for is required. Bahnhof reserves the right to refuse the allocation of additional IP addresses in accordance with RIPE guidelines. See ripe.net

IP address assignment

When ordering a new site address, Bahnhof always assigns an IPv6 network with subnet mask /48, which corresponds to about 65,000 subnets, and an IPv4 network with subnet mask /30. If a larger IPv4 network is required, this is filled in with a motivation in this application.

DNS information

DNS stands for Domain Name System and is the service that translates domain names into IP addresses and vice versa. Each domain name should have at least two servers acting as the DNS server for the domain.

	Primary	Secondary
IPv4	213.80.98.2	213.80.101.3
IPv6	2001:9b0::53:1	2001:9b0::53:2

Motivation

According to the RIPE public IPv4 address allocation regulations, the user must carefully explain how the addresses will be used. Therefore, specify the number and type of equipment to be used, e.g. 2xMail server, 3xWeb server, 1xFW etc. This specification must be consistent with the number of IP addresses you are requesting.

Explanation of IP networks and their components

IP network : 10.10.10.0/29
Network ID : 10.10.10.0
Gateway   : 10.10.10.1
Broadcast   : 10.10.10.7
Netmask   : 255.255.255.248
Usable IP-addresses : 10.10.10.2 - 10.10.10.6

Broadcast address: Used to send traffic to all devices on a network.

Netmask: Used to determine the size of an IP network and how many host addresses it contains.

Network ID: Each IP network has a so-called network ID, which is the name of the IP network. If you want to tell which IP network a computer is on, you enter the network address. The network address is always the lowest address available on the IP network.