

## IP address assignment

- All Janet services are governed by the [Janet policies](#) [1].

Where a Janet Connection is being made it will normally be necessary to acquire an IP network number in the Janet allocated range on behalf of the organisation concerned. Note that it will not be possible to accept connection of an organisation that is using a network number belonging to a commercial IP provider's aggregated range, as it will not be possible to route this from Janet to the rest of the Internet. Therefore it is probable that the organisation concerned will have to renumber its network. In instances whereby the connecting organisation has a Provider independent range assigned to them, it should be possible for the organisation to retain these addresses for the purpose of their connection to Janet.

- If you are connecting to Janet, to obtain an initial assignment of Janet addresses simply complete the relevant section within the [JCUR](#) [2] or the Sponsored Licence Application Form.
- If you have an existing Primary Janet connection and need further address space to facilitate additional network services, send an initial email to [ipaddress@ja.net](mailto:ipaddress@ja.net) [3]. You will then be provided with login credentials for the web-based request form.

The Janet Local Internet Registry [LIR] Team administers all IP address allocation requests, assessing the requirements of the customer against the appropriate policies before assigning any address space.

The Janet LIR obtains an allocation of IP addresses from the RIPE NCC, based upon the amount of address space expected to be utilised across the network, both for infrastructure requirements and for customer assignments. Therefore, all assignments of Janet IP addresses must be in line with current assignment policies, as agreed by the RIPE community. The information provided within the completed Janet IP Number Form allows the Janet LIR Team to assess the requirements of the customer against the appropriate policies documented by the RIPE NCC. Once the Janet LIR Team are satisfied that the requirements meet the necessary criteria for assigning address space, the addresses will either be assigned, or the request will be forwarded to the RIPE NCC for their formal approval. Once formal approval from the RIPE NCC has been received, the address space can be assigned from within the Janet aggregated range.

Network numbers will be provided for use with a Primary or a BCE Connection. New Primary Connections can apply for an initial assignment of Janet addresses simply by completing the relevant section within the Upgrade Request Form.

In cases whereby the Network requirements of an existing Janet Connection have changed, meaning that further address space is required to facilitate additional network services, or an additional BCE Connection, Janet Primary sites may request additional IP addresses by sending an initial email to [ipaddress@ja.net](mailto:ipaddress@ja.net) [3]; the requester will then be provided with login

details for the web based IP Request Form.

Full justification must be provided in order for the requested addresses to be assigned. With regard to BCE Connections, full details of the contacts at the BCE organisation must be provided before the application can be processed.

IPv6 address space from within the Janet 2001:0630::/32 prefix can also be obtained from the Janet LIR Team. To apply, send an initial email to [ipaddress@ja.net](mailto:ipaddress@ja.net) [3]; you will then be provided with login details for the web based IP Request Form.

If the Janet connection is subsequently discontinued, any network numbers that have been assigned from within the Janet range must be returned to the Janet LIR for re-assignment.

Any queries relating to the assignment of IP addresses should be directed to the [Janet Service Desk](#) [4] tel: 0300 300 2212

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**Source URL:** <https://community-stg.jisc.ac.uk/library/janet-services-documentation/ip-address-assignment>

#### **Links**

[1] <http://community.ja.net/library/library/janet-policies>

[2] <http://www.ja.net/services/publications/supportmanual/glossary.html>

[3] <mailto:ipaddress@ja.net>

[4] <mailto:service@ja.net>