

Janet Peering Policy

Group:

Janet Peering Policy

Janet operates an open peering policy subject to our standard peering agreement and all ISPs are invited to peer. We are present at LINX LON1, LINX LON2, LINX Manchester and IXLeeds. Details of Janet's public interconnection points are listed in the table below.

Janet Public Interconnection Points

LINX - Telehouse North

| | |
|-----------------------------------|---|
| Public Interconnection 1 | Janet(UK) |
| Physical Address | Telehouse North - via LINX LON Coriander Avenue London E14 2AA |
| AS Macro announced in the peering | AS-JANETPLUS |
| AS Number | 786 |
| IPv4 Address of BGP Peer | 195.66.224.15 |
| IPv6 Address of BGP Peer | 2001:7F8:4::312:1 |
| Speed of Connection | 100Gbit/s |

LINX – Harbour Exchange

Public Interconnection 2

Janet(UK)

Equinix LD8 – via LINX LON2 L

8 / 9 Harbour Exchange

Physical Address

London

E14 9GE

AS Macro announced in the peering

AS-JANETPLUS

AS Number

786

IPv4 Address of BGP Peer

195.66.236.15

IPv6 Address of BGP Peer

2001:7F8:4:1::312:1

Speed of Connection

100Gbit/s

IXLeeds

Public Interconnection 4

Janet(UK)

Physical Address

IXLeeds
AQL Ltd
Salem Chapel
Leeds

AS Macro announced in the peering

AS-JANETPLUS

AS Number

786

IPv4 Address of BGP

91.217.231.17

| | |
|--------------------------|--------------------|
| IPv6 Address of BGP Peer | 2001:7F8:67::312:1 |
| Speed of Connection | 10Gbit/s |

LINX - Manchester

| | |
|-----------------------------------|--|
| Public Interconnection 5 | Janet(UK) |
| Physical Address | Equinix MA1 Unit 3 Williams House Manchester Science Park Lloyd Street North Manchester. M15 6SE |
| AS Macro announced in the peering | AS-JANETPLUS |
| AS Number | 786 |
| IPv4 Address of BGP Peer | 195.66.244.22 |
| IPv6 Address of BGP Peer | 2001:7F8:4:2::312:1 |
| Speed of Connection | 20Gbit/s |

In addition, if there is significant benefit through provision of services or through the level of traffic, we can set up private peerings at suitable external peering points.

Please refer to our standard peering agreement available as indicated below.

To enquire further about a peering with Janet please email peering@ja.net ^[1].

Applications to peer with Janet should be made to peering@ja.net ^[1] and who will be pleased to help with any queries.

External Connectivity

| Global Transit | | | |
|--|-----------------------------------|--------------|------------------|
| Client | Location | Speed | Live Date |
| GTT | Telehouse North | 4x10Gbit/s | 29/06/17 |
| GTT | Telecity, 8/9 Harbour Exchange | 4x10Gbit/s | 29/06/17 |
| GTT | Telecity, Manchester | 4x10Gbit/s | 29/06/17 |
| | | | |
| TeliaSonera | Telecity, 8/9 Harbour Exchange | 4x10Gbit/s | 02/11/17 |
| TeliaSonera | Telehouse North | 4x10Gbit/s | 02/11/17 |
| Research Network and Public Peering | | | |
| Client | Location | Speed | Live Date |
| IXLeeds | Leeds | 10Gbit/s | 22/11/11 |
| GEANT2 | Equinix LD8, 8/9 Harbour Exchange | 100 Gbit/s | 11/06/13 |
| GEANT2 | Telehouse North | 100 Gbit/s | 08/10/13 |
| HEANET | Glasgow C-PoP | 10Gbit/s | 03/04/07 |

| | | | |
|-----------------|--|------------|----------|
| HEANET | Warrington C-PoP | 10Gbit/s | 03/04/07 |
| LINX LON1 | Telehouse North | 100Gbit/s | 20/09/16 |
| LINX LON2 | Equinix LD8, 8/9 Harbour Exchange | 100Gbit/s | 27/09/16 |
| LINX Manchester | Equinix MA1, Unit 3 Williams House, Manchester | 2x10Gbit/s | 31/05/17 |

Private Peering

| Service Name | Peering Location | Contractual Bandwidth | Live Date |
|--------------|--------------------------------|-----------------------|------------|
| Akamai | Equinix LD8 - Harbour Exchange | 2 X 20Gbit/s | 01/06/2010 |
| Akamai | Equinix MA1 - Manchester | 2 X 20Gbit/s | 11/04/2011 |
| Akamai | Telehouse North | 30Gbit/s | 24/04/2009 |
| Amazon | Equinix LD6 - Slough | 100Gbit/s | 20/11/2019 |
| Amazon | Equinix MA1 - Manchester | 100Gbit/s | 20/11/2019 |
| Apple | Equinix MA1 - Manchester | 100Gbit/s | 15/04/2019 |
| Apple | Equinix LD6 - Slough | 100Gbit/s | 08/02/2019 |
| AQL | Equinix LD8 - Harbour Exchange | 1Gbit/s | 03/11/2015 |

| | | | |
|---------------------|--------------------------------|-----------|------------|
| BBC (Corporate) | Telehouse North | 10Gbit/s | 05/08/2008 |
| BBC R&D (Multicast) | Telehouse North | 10Gbit/s | 31/07/2014 |
| Bogons | Telehouse North | 1Gbit/s | 16/08/2005 |
| BT NET | Telehouse North 2 | 30Gbit/s | 18/03/2003 |
| BT NET | Telehouse North 2 | 100Gbit/s | 01/07/2020 |
| Cablecom | Telehouse North | 10Gbit/s | 02/07/2008 |
| Daisy Comms | Telehouse North | 1Gbit/s | 24/04/2009 |
| Dropbox | Telehouse North | 10Gbit/s | 15/11/2018 |
| Dropbox | Telehouse North 2 | 10Gbit/s | 07/01/2020 |
| Facebook | Telehouse North 2 | 100Gbit/s | 28/08/2019 |
| Facebook | Equinix LD8 - Harbour Exchange | 100Gbit/s | 28/08/2019 |
| Fastly | Telehouse North | 20Gbit/s | 31/10/2017 |
| Gamma | Equinix LD8 - Harbour Exchange | 1Gbit/s | N/K |
| Gamma | Equinix MA1 - Manchester | 1Gbit/s | N/K |
| Globelynx | Telehouse North | 1Gbit/s | 17/06/2013 |

| | | | |
|--------------------|--------------------------------|---------------|------------|
| Google | Leeds AQL | 100Gbit/s | 18/05/2018 |
| Google | Telehouse North | 100Gbit/s | 07/06/2016 |
| Google | Equinix LD8 - Harbour Exchange | 2 X 100Gbit/s | 12/05/2016 |
| GTT | Telehouse North | 40Gbit/s | 22/06/2017 |
| GTT | Equinix LD8 - Harbour Exchange | 40Gbit/s | 22/06/2017 |
| GTT | Equinix MA1 - Manchester | 40Gbit/s | 22/06/2017 |
| Janet 3G | Leeds AQL | 1Gbit/s | 14/10/2015 |
| Liberty Global | Equinix LD8 - Harbour Exchange | 30Gbit/s | 15/05/2020 |
| Limelight Networks | Equinix MA1 - Manchester | 20Gbit/s | 13/11/2018 |
| Limelight Networks | Telehouse North | 20Gbit/s | 07/12/2009 |
| Limelight Networks | Equinix LD8 - Harbour Exchange | 20Gbit/s | 27/11/2020 |
| LINX | Equinix MA1 - Manchester | 20Gbit/s | 31/05/2017 |
| LINX | Equinix LD8 - Harbour Exchange | 100Gbit/s | 02/08/2016 |
| LINX | Telehouse North 2 | 100Gbit/s | 21/07/2016 |
| Microsoft | Equinix MA1 - Manchester | 2 X 20Gbit/s | 14/10/2015 |

| | | | |
|------------------|--------------------------------|--------------|------------|
| Microsoft | Equinix LD6 - Slough | 100Gbit/s | 11/10/2019 |
| Microsoft | Telehouse North 2 | 100Gbit/s | 20/10/2020 |
| Netflix | Telehouse West | 30Gbit/s | 27/11/2015 |
| Telekom Malaysia | Equinix LD8 - Harbour Exchange | 1Gbit/s | 30/05/2013 |
| TeliaSonera | Telehouse North 2 | 100Gbit/s | 14/06/2019 |
| TeliaSonera | Equinix LD8 - Harbour Exchange | 100Gbit/s | 14/06/2019 |
| Twitch | Equinix LD8 - Harbour Exchange | 2 X 10Gbit/s | 20/06/2019 |
| Verizon Edgecast | Equinix MA1 - Manchester | 20Gbit/s | 15/01/2020 |
| Verizon Edgecast | Equinix LD8 - Harbour Exchange | 20Gbit/s | 13/06/2016 |
| Verizon Edgecast | Telehouse North | 20Gbit/s | 18/02/2017 |

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Last Reviewed By: Megan Lambden

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Links

[1] <mailto:peering@ja.net>

[2] <https://community-stg.jisc.ac.uk/>