

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)
	Telehouse North - via LINX LON2
Physical Address	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)
Physical Address	Equinix LD8 – via LINX LON2 L 8 / 9 Harbour Exchange 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/>