Janet Peering Policy

Janet Peering Policy

Title:	Janet Peering Policy
Issue:	3
Document owner:	Rob Evans, Chief Network Architect
Authorised by:	John Chapman, Director information security policy and governance
Date:	3 March 2022
Last Reviewed:	30 March 2023

Jisc Services Limited Peering Policy

Jisc Services Limited (JSL) operates an open peering policy and all ISPs are invited to peer. We are present at LINX LON1, LINX LON2, LINX Manchester and IXLeeds

If and to the extent JSL agrees to permit the exchange of data traffic between our respective networks ("Peering"), and on the basis that this Peering is provided without charge, this Peering is made available without warranties of any kind, whether express or implied. The Peering is provided for use by you at your own risk. JSL will not be liable for damages of any kind in respect of your use of our network, including, but not limited to, direct, indirect, special or consequential damages, to the fullest extent permitted by applicable law.

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

Organisations that would like to peer with Janet should contact help@jisc.ac.uk [1].

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)
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.

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 D

Akamai	Equinix LD8 - Harbour Exchange	2 X 20Gbit/s	01/06/
Akamai	Equinix MA1 - Manchester	2 X 20Gbit/s	11/04/
Akamai	Telehouse North	30Gbit/s	24/04/
Amazon	Equinix LD6 - Slough	100Gbit/s	20/11/
Amazon	Equinix MA1 - Manchester	100Gbit/s	20/11/
Apple	Equinix MA1 - Manchester	100Gbit/s	15/04/
Apple	Equinix LD6 - Slough	100Gbit/s	08/02/
AQL	Equinix LD8 - Harbour Exchange	1Gbit/s	03/11/
BBC (Corporate)	Telehouse North	10Gbit/s	05/08/
BBC R&D (Multicast)	Telehouse North	10Gbit/s	31/07/
Bogons	Telehouse North	1Gbit/s	16/08/
BT NET	Telehouse North 2	30Gbit/s	18/03/
BT NET	Telehouse North 2	100Gbit/s	01/07/
Cablecom	Telehouse North	10Gbit/s	02/07/
Daisy Comms	Telehouse North	1Gbit/s	24/04/

Dropbox	Telehouse North	10Gbit/s	15/11/
Dropbox	Telehouse North 2	10Gbit/s	07/01/
Facebook	Telehouse North 2	100Gbit/s	28/08/
Facebook	Equinix LD8 - Harbour Exchange	100Gbit/s	28/08/
Fastly	Telehouse North	20Gbit/s	31/10/
Gamma	Equinix LD8 - Harbour Exchange	1Gbit/s	N/K
Gamma	Equinix MA1 - Manchester	1Gbit/s	N/K
Globelynx	Telehouse North	1Gbit/s	17/06/
Google	Leeds AQL	100Gbit/s	18/05/
Google	Telehouse North	100Gbit/s	07/06/
Google	Equinix LD8 - Harbour Exchange	2 X 100Gbit/s	12/05/
GTT	Telehouse North	40Gbit/s	22/06/
GTT	Equinix LD8 - Harbour Exchange	40Gbit/s	22/06/
GTT	Equinix MA1 - Manchester	40Gbit/s	22/06/
Janet 3G	Leeds AQL	1Gbit/s	14/10/

Liberty Global	Equinix LD8 - Harbour Exchange	30Gbit/s	15/05/
Limelight Networks	Equinix MA1 - Manchester	20Gbit/s	13/11/
Limelight Networks	Telehouse North	20Gbit/s	07/12/
Limelight Networks	Equinix LD8 - Harbour Exchange	20Gbit/s	27/11/
LINX	Equinix MA1 - Manchester	20Gbit/s	31/05/
LINX	Equinix LD8 - Harbour Exchange	100Gbit/s	02/08/
LINX	Telehouse North 2	100Gbit/s	21/07/
Microsoft	Equinix MA1 - Manchester	2 X 20Gbit/s	14/10/
Microsoft	Equinix LD6 - Slough	100Gbit/s	11/10/
Microsoft	Telehouse North 2	100Gbit/s	20/10/
Netflix	Telehouse West	30Gbit/s	27/11/
Telekom Malaysia	Equinix LD8 - Harbour Exchange	1Gbit/s	30/05/
TeliaSonera	Telehouse North 2	100Gbit/s	14/06/
TeliaSonera	Equinix LD8 - Harbour Exchange	100Gbit/s	14/06/
Twitch	Equinix LD8 - Harbour Exchange	2 X 10Gbit/s	20/06/

Verizon Edgecast	Equinix MA1 - Manchester	20Gbit/s	15/01/
Verizon Edgecast	Equinix LD8 - Harbour Exchange	20Gbit/s	13/06/
Verizon Edgecast	Telehouse North	20Gbit/s	18/02/

Source URL: https://community.jisc.ac.uk/library/network-and-technology-policies/janet-peering-policy

Links
[1] mailto:help@jisc.ac.uk