

# LINX Services and Fees 2022

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<b>Document change history</b>	
Version 0.1	Initial draft
Version 1.0	Final draft



## Introduction

The following document defines the services provided by LINX to its members and the fees payable for those services for the period 1<sup>st</sup> January 2022 to 31<sup>st</sup> December 2022. Payment terms and options available to LINX members are defined in the LINX Memorandum of Understanding (MoU) [Clause 7](#) “Fees”.

Members cancelling services and/or membership are obliged to give at least 30 days notice of such cancellation via the relevant forms found on the online member portal. Any part of the notice payment which has not been paid for will be invoiced up to the completion of the notice period. Where a member has paid for their membership fees, peering fees and/or other services in advance, any overpayment will be refunded based on the service cease date. Installation fees are non-refundable.

Minimum contract terms, as negotiated on a member's behalf with third parties for third party services, will be applicable to some LINX services such as colocation and fibre. The required notice period for LINX services as defined in [Clause 2](#) of the LINX MoU does not apply in such cases.

## Membership Fees

The LINX membership fee is £300 per quarter. For new members connecting directly, this fee is pro-rated from the date of payment of their joining invoice to the end of the current quarter. For members connecting via a reseller partner, the membership fee is pro-rated from the date of signature on the LINX membership agreement. For those US based members joining our NoVA LAN only, a membership fee of USD390 per quarter applies.

## Public Exchange

Members can connect directly to the public exchange directly or via a third party reseller. LINX will provide IPv4 and IPv6 addresses for each interface connected to the exchange.

## Monthly Port Access Fees

From 1<sup>st</sup> January 2022, LINX will introduce a port access fee for each physical port purchased on any peering LAN.

Port Size	Monthly Fee
10GE*	£80
100GE	£320
400GE	£640

\* The port access fee for the first 10GE port on each LAN is considered covered by the membership fee; the indicated price is for the second and subsequent ports of this size on the same LINX LAN.

## Monthly Peering Fees

Once a member has purchased a port, they can then add a peering service to that port. The fee will relate to the bandwidth of peering services provisioned on the physical port. Members can only purchase one peering service per physical port.

Port Size	LON1	LON2	LINX Manchester	LINX NoVA	LINX Scotland	LINX Wales
1Gbps**	£40	£20	£20	\$28	FREE	FREE
2Gbps	£40	£20	£20	\$28	FREE	FREE
5Gbps	£269	£116	£74	\$147	FREE	FREE
10Gbps	£384	£166	£106	\$209	FREE	FREE
30Gbps	£1146	£624	£305	\$803	FREE	FREE
100Gbps	£2293	£1247	£610	\$1607	£610	£610
400Gbps	£4760	£3680	N/A	N/A	N/A	N/A

\*\* The first 1Gbps peering service on each LINX LAN is included in the membership fee, these prices are for additional 1Gbps services on additional 10GE ports

For worked examples on pricing for port access fees and peering fees, please see Appendix A.

## Incentive Schemes

LINX may choose to run various promotional incentive schemes throughout the year. Details of these will be communicated to the membership as and when they arise.

## Products and Services

### ConneXions

Members are able to connect to all LINX LANs via layer 2 transport services such as MPLS L2 VPNs which are presented to LINX as VLANs on a trunked port called Reseller ports.

Many of LINX's reseller partners will bundle ports with transport, and thus may not list the same rates as for direct connections to LINX LANs. However, there is transparency with LINX pricing as all reseller customers are also LINX members. LINX acts as a third party to any agreement between the partner and their customer for services rendered by the partner, such as transport and access to other exchange points.

There are no installation charges made by LINX for VLAN connections.

### Installation Fee

An installation fee is chargeable for most new services. LINX also charges a one-off fee for the cross connects on the Telehouse campus in London to connect member ports, as LINX does not allow third parties to order cabling to LINX equipment at those sites. Current installation fees can be found on the [services fees](#) pages of the LINX website.

## Private Interconnect – Intrasite

LINX installs and provides maintenance of single-mode fibre cables between a LINX PI rack and the member rack within the same building, as indicated on the [PI service](#) page on the LINX website. Patch leads are not provided.

	Non-recurring fee	Annual recurring fee
<b>Telehouse North, North2, East and West</b> Price per bundle of 8 pairs of fibre	£2000	£500
<b>Digital Realty Sovereign House</b> Price per bundle of 6 pairs of fibre	£3000	£500

There is also a one-off fee of £100 per patch visit request. Each patch will be carried out as soon as possible from request. There is the option of a £500 one off fee for any requests to expedite a PI patch within a 24 hour deadline.

## Private Interconnect – Intersite

To enable private interconnects between Telehouse sites, a cross connect (single-mode fibre) is required between the LINX PI ODF in each building. All Intersite services require an existing connection to the Private Interconnect – Intrasite service.

	Non-recurring fee	Annual recurring fee
<b>Telehouse North, North2, East and West</b>	£1000	£2400

## Colocation Services

LINX maintains colocation space to house equipment for members. Details of availability and pricing can be found [here](#), listed under 'LINX Colocation Services'.

## LINX Private VLANs

LINX Private VLANs are available to members on LON1, LON2, LINX Manchester and LINX NoVA. This service is semi-automated and allows members to access services directly from each other or from LINX, using the existing LINX infrastructure. More details can be found on the [LINX website](#).

## LINX Closed User Group

LINX Closed User Groups are available to members who are connected to LON1, LON2, LINX Manchester and LINX NoVA. This service allows members to pass traffic between themselves for a specific purpose.

## LINX Cloud Connect

The LINX Cloud Connect service provides members with access to Microsoft ExpressRoute, Microsoft Azure Peering Service and AWS Direct Connect. The product fees are in addition to the port access fees detailed above.



## IXP Reseller

Members are able to connect to LINX LON1, and LINX NoVA from partner Internet Exchanges. LINX partners will bundle customer ports with transport, and thus may not list the same rates as for direct connections to LINX LANs.

Members also have the option to connect to the partner Internet Exchanges from LINX LON1 and LINX NoVA. Details of this service can be found [here](#) listed under “IXP Reseller”.

## Public Affairs Service

This service provides LINX members with regulatory awareness and analysis to help them comply with legal requirements. Acting in members' best interests, it also provides a two-way route to law makers and officials for consultation. Please see the [LINX Public Affairs](#) web pages for more information.

## Remote Hands

LINX can provide remote hands services at some of the datacentres where LINX services are present. For more information please see the Remote Hands section of the [LINX Services](#) page on the website.

## Other Services and Tools

### Route Server

LINX operates multilateral route servers on all LINX peering LANs. Use of this service is optional.

### LINX Time Service

LINX provides three Meinberg stratum 1 NTP servers for members' use. This service is available to all members.

### Statistics

LINX will provide members with access to traffic statistics which are maintained by LINX. These include individual port statistics and top talker statistics.


## Other Charges

### Administration Fees

LINX may from time to time see it fit to charge a member with a one-off administration fee to cover a larger project or work request.

### Late Payment

In accordance with clause [7.2](#) of the LINX MoU, any member whose invoice remains unpaid after 60 (sixty) days from the invoice date, may be liable for this charge to cover handling and administrative costs incurred by LINX in the collection of outstanding monies.



If payment is received after thirty days from the date of the invoice, a late payment fee will be added. The late payment fee will be calculated on the outstanding sum or sums owed at 8% p.a. above the Bank of England base-lending rate in force at the date the invoice was raised.

### **Direct Debit Failure**

In accordance with clause [7.3](#) of the LINX MoU, any member who pays their fees using the LINX Direct Debit facility and whose payment is refused by their bank may be liable for this charge to cover any handling and administrative costs incurred by LINX.

## Appendix A – Worked Examples of Peering Charges

	2021 Price per month	2022 Price per month	
First 10GE port on LON1	<b>£488</b>	Port Access Fee	Included in membership fee
		10GE Peering Service Fee	£384
		<b>TOTAL per month</b>	<b>£384</b>
100GE port on LON1	<b>£2750</b>	Port Access Fee	£320
		100GE Peering Service Fee	£2293
		<b>TOTAL per month</b>	<b>£2613</b>
100GE port on LON2	<b>£1742</b>	Port Access Fee	£320
		100GE Peering Service Fee	£1247
		<b>TOTAL per month</b>	<b>£1567</b>
First 10GE port on MAN	<b>£207</b>	Port Access Fee	Included in membership fee
		10GE Peering Service Fee	£106
		<b>TOTAL per month</b>	<b>£106</b>
First 10GE port on NoVA	<b>\$353</b>	Port Access Fee	Included in membership fee
		10GE Peering Service Fee	\$209
		<b>TOTAL per month</b>	<b>\$209</b>