

Create a Megaport

A Megaport is a Dot1Q Trunk Port providing access to Megaport's global Ecosystem.

One or more can be deployed in any of the [Megaport locations](#) globally and are available in the following physical media types:

- 1GBASE-LX
- 10GBASE-LR
- 100GBASE-LR (*limited locations*)

Megaports are configured as 802.1Q VLAN trunks to support multiple VXC services, each presented as a unique VLAN. Between two Megaports a maximum MTU value of 9100 bytes can be used through this is lower for IX and Cloud Service Provider targets.

Ethernet frames entering and leaving a VLAN trunk interface have an ether-type of 0x8100 and a VLAN header with a recognized identifier.

Link aggregation is supported using link-aggregation control protocol (LACP). LACP may also be used on individual interfaces to support future aggregation.

Megaport Technical Specifications:

Megaport Technical Specifications

Interface Speed	Interface
1 Gbps	1000BASE-LX (duplex on SMOF)
10 Gbps	10GBASE-LR (duplex on SMOF)

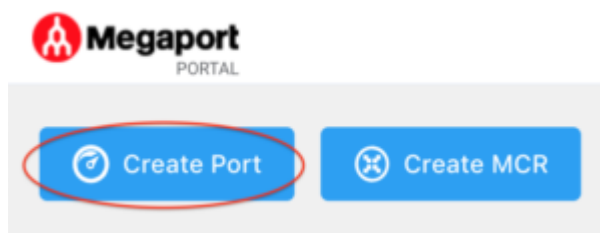
Service Attribute	Service Parameter/Value	
MAC layer	IEEE 802.3-2002	
UNI MTU	9100 bytes	
VLAN Ethertype	0x8100	
Layer 2 control tunneling	Protocol	Action
	STP, RSTP, MSTP	Tunnel
	PAUSE	Discard
	LACP	Discard
	Link OAM	Discard
	802.1x	Discard
	E-LMI	Tunnel
	LLDP	Tunnel
CoS level	Standard	
	Unicast frame delivery	Deliver unconditionally
	Multicast frame delivery	Deliver unconditionally
Broadcast frame delivery	Deliver unconditionally	

How to

Order

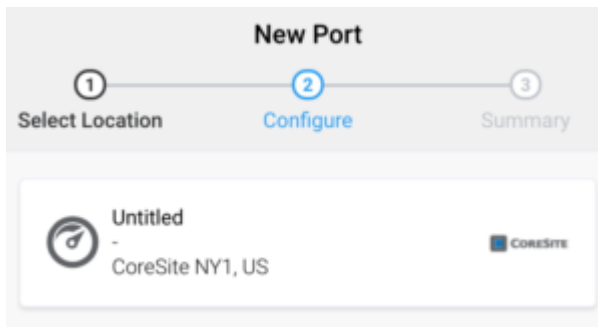
To enable a new Megaport, log in to the [Megaport Portal](#).

Select **Create Megaport**, under the **Services** area of the Portal.



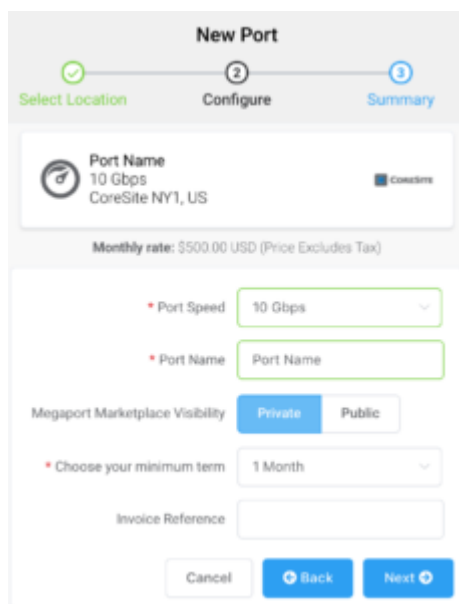
Define your Megaport by following steps 1 (Select Location), 2 (Configure Port) and 3 (Summary/Confirmation).

1.



Select the preferred port site location by either using the drop-down country filter, or typing some detail about the data centre in the search box.




2. Select Next once you have clicked on the selected DC location.
3. Select Port Speed – This is the speed of the Megaport at 1Gbps or 10Gbps.
4. Type a Megaport Name. This is a free text field allowing you to assign a logical name to your Megaport.
5. Set the Megaport Marketplace Visibility – If you select **Public** in Megaport Marketplace, your port will be visible to other participants of the Megaport Ecosystem for inbound connection requests.
6. Select Term – 1-month, 1-year, 2-year or 3-year options are available.
7. Click Next, confirm options and submit.



Verify pricing and click **Order**

Configured Services

Port Name
CoreSite NY1


 \$500.00 USD  

Monthly charges excluding taxes

SaveOrder

Order Now from *Order Services* window – This will initiate the provisioning of your new Megaport.

Order Services ✕

 **Port Name** Monthly Rate: \$500.00 USD

Minimum Term: 1 Month [Add Promo Code](#)

Price excludes taxes

Important Information

This Order constitutes a binding offer to acquire the Services described above and which, if accepted by Megaport, creates a separate agreement incorporating the terms set out in (a) this Order, and (b) where an agreement signed by Customer or its Affiliate relating to this Service exists, that agreement or, otherwise, the [Global Services Agreement](#).

CancelOrder Now

Once deployed, under your new interface, you can download your Letter of Authorization (LOA). Provide this document to your data centre operator. This will establish the physical cross connection from your network device to your new Megaport; giving you access to the Megaport platform.

 **Port Order** #6 (Configured) Download LOA

Port 10 Gbps (0% allocated) - CoreSite