

Create L2L

Overview

This API call only applies to **Armor Complete** users.

The **Create L2L** API creates a new L2L tunnel.

Sample request

```
POST https://api.armor.com/l2l/
{
  "name": "ME4",
  "psk": "Secur3_K3Y",
  "peerIp": "10.1.1.3",
  "dhGroup": "dh2",
  "isEnabled": true,
  "enablePfs": true,
  "localSubnets": [
    "100.64.0.66/32"
  ],
  "peerSubnets": [
    "10.1.0.0/24"
  ],
  "authentication": "psk",
  "encryption": "aes256",
  "localIp": "146.88.118.5",
  "edgeId": 4,
  "peerId": "10.1.1.0"
}
```

Input

The following table describes the different parts of this API call:

API Call / URL	Method / Type
/l2l	POST

The following table describes the parameter (or parameters) for this API call:

Parameter	Description	Format	Required or optional	Example
name	Name of tunnel	String	Required	ME4
psk	Pre-shared key	String	Required	Secur3_K3Y
dhGroup	Diffie-Hellman group	String	Required	dh2

isEnabled	Flag to enable to disable	Bool	Required	true
enablePfs	Enable perfect forward secrecy	Bool	Required	true
localSubnets	Local subnets to tunnel	Array	Required	100.64.0.66/32
peerSubnets	Peer subnets to tunnel	Array	Required	10.1.0.0/24
authentication	Type of authentication	String	Required	psk
encryption	Type of encryption to use	String	Required	aes256
localIp	Local Peer IP address	String	Required	146.88.118.5
edgeld	id of edge in which the tunnel is established	Integer	Required	4
peerId	Remote peer address	String	Required	10.1.1.0

Sample return

Status	Response
200	<pre>{ "location": "DFW01", "zone": "DFW01T01-VC03", "lastModified": "2015-01-06T23:06:09.893", "peerId": "1.2.3.4", "encryption": "3des", "enablePfs": true, "dhGroup": "dh2", "localSubnets": ["100.64.0.64/32"], "peerSubnets": ["10.1.1.0/24"], "psk": null, "authentication": "psk", "configurationId": 4, "id": 24, "name": "ME", "localIp": "146.88.118.5", "peerIp": "1.2.3.4", "isEnabled": true, "notes": null, "tags": [] }</pre>
400	<pre>Bad Request</pre>