



» Administrative info

NOC email	noc at dailymotion dot com	Network engineering address	140 Bd Malesherbes 75017 Paris - FRANCE
Peering email	peering at dailymotion dot com	NOC phone	+33 (0)1 77 35 33 83
Engineering email	network at dailymotion dot com	NOC fax	+33 (0)1 42 21 42 02

» Peering record

AS Number	41690
IRR AS-SET	AS-DAILYMOTION
Member AS	AS41690
Advertised prefixes	195.8.214.0/23 ; 188.65.120.0/21; 2a03:d1c0::/32
PeeringDB.com record	http://as41690.peeringdb.com
Peering policy	http://as41690.net/#policy

» European peering facilities

Site name	City / Country	Type	Bandwidth	IPv4	IPv6
Iliad DC3 Vitry	Paris / France	Core facility	Nx10G Eth	not applicable	not applicable
Equinix PA2	Paris / France	Peering / PNI facility	10G Eth - Nx1G Eth	not applicable	not applicable
Telehouse 2	Paris / France	Peering / PNI facility	10G Eth - Nx1G Eth	not applicable	not applicable
LINX	London / UK	Internet Exchange	2x10G Eth	195.66.224.17/22	2001:7f8:4::a2da:1/64
LoNAP	London / UK	Internet Exchange	2x1G Eth	193.203.5.231/22	not applicable
AMSIX	Amsterdam / Netherlands	Internet Exchange	1x10G Eth	195.69.144.164/22	2001:7f8:1::a504:1690:1/64
DE-CIX	Frankfurt / Germany	Internet Exchange	2x10G Eth	80.81.192.43/22	2001:7f8::a2da:0:1/64
FRANCE-IX	Paris / France	Internet Exchange	1x10G Eth	193.105.232.96/24	not applicable
EQUINIX Paris	Paris / France	Internet Exchange	1x10G Eth	195.42.144.10/23	not applicable
EQUINIX New York	New York / US	Internet Exchange	1x10G Eth	198.32.118.75/24	not applicable
EQUINIX Palo Alto	Palo Alto / US	Internet Exchange	1x10G Eth	198.32.176.151/24	not applicable
EQUINIX Singapore	Singapore / SG	Internet Exchange	1x10G Eth	202.79.197.175/24	not applicable

» Peering request form

Fields marked with the * are mandatory

BGP 4 Info

AS# is to be recorded in its numeric only form

AS# *

AS Macro is to be recorded in its AS-YOURAS only form

IRR AS-Set *

Company Name *

Contact info

NOC email *

NOC 24/7 phone *

Peering email *

Operations email

Detailed peering info

Your MD5 password below if required, if not, leave filed clear (remember we do prefer not using MD5)

MD5 password

Choose either means of peering, choice-list will unfold

Private Network Interconnect Public Peering Interconnect

Additional comments

Feel free to attach any relevant info that don't fit in this form

Captcha

Some IQ-test-like captcha to find out whether you're an evil robot, or a (decent) network engineer !

Question:

" What's the broadcast address for the subnet 192.168.1.0/25 ? "

Insert answer to above question

» Peering policy**1. Minimum requirements**

Both **Private Network Interconnect** and **Public Peering Interconnect** can be requested, provided the below conditions are met.

The candidate shall be a publicly or privately held company registered in its home country's trade and/or industry authority.

The peering candidate shall operate his own **AS** (Autonomous System), and have it registered/recorded in any Routing Registry. As a consequence, the candidate's **aut-num** record shall be fully documented, maintained and updated accordingly upon peering session establishment.

The peering candidate shall operate a NOC, which shall be reachable 24/7/365 by email **and** phone. Moreover, any change in the aforementioned contact channels shall be advertised to Dailymotion's NOC and Peering alias (see Administrative info)

There is no minimum volume of traffic required between Dailymotion's AS41690 and the peering candidate's AS, this volume shall be evaluated by Dailymotion's peering board, on a case-by-case basis.

Failure to comply with any of the aforementioned requirements will likely result in peering session(s) being shut by Dailymotion's peering team.

2. Public Peering Interconnect

Dailymotion's AS41690 can be met for Public Peering on the below listed NAPs:

FRANCE-IX, Paris, FRANCE (<http://www.francex.net>) : 10 Gigabit Ethernet

EQUINIX Paris, Paris, FRANCE (<http://www.equinix.com>) : 10 Gigabit Ethernet

EQUINIX New York, New York, US (<http://www.equinix.com>) : 10 Gigabit Ethernet

EQUINIX Palo Alto, Palo Alto, US (<http://www.equinix.com>) : 10 Gigabit Ethernet

LINX, London, UK (<http://www.linx.net>) : 10 Gigabit Ethernet

LoNAP, London, UK (<http://www.lonap.net>) : 2x Gigabit Ethernet

AMS-IX, Amsterdam, NETHERLANDS (<http://www.ams-ix.net>) : 10 Gigabit Ethernet

DE-CIX, Frankfurt, GERMANY (<http://www.decix.de>) : 10 Gigabit Ethernet

When achievable, securing a main session on multiple NAPs is preferred, but not mandatory.

Above a decent volume of exchanged traffic, AS41690 might and will very likely decide to require multiple sessions, or a Private Network Interconnect (PNI).

3. Private Network Interconnect

The below conditions shall enable a PNI with Dailymotion's AS41690:

The PNI candidate share one co-location facility site with Dailymotion (see peering facilities above).

A significant amount of traffic is exchanged between AS41690 and the candidate AS (to be discussed with Dailymotion's peering team).

Interconnect costs are shared between AS41690 and the candidate AS.

The minimum bandwidth to be commissioned for interconnect is 1G Ethernet - there is no maximum.

Nx 1G Ethernet trunks are feasible, yet a 10G Ethernet interconnect will be advised above 4x 1G ports in the same trunk.

Securing a PNI with a Public Peering Interconnect is highly advised, but yet not mandatory

The below media/optics are available for interconnect, and shall be discussed with Dailymotion's engineering team prior to operational go-live:

Copper 1G Ethernet (check on availability as optical 1G is preferred).

Optical 1G Ethernet: MM SX, SM LX/LH

POS is not an option (welcome to the 21st century, pal ;)

Optical 10G Ethernet: MM SR, SM LR, SM ER (due to optical transponder costs, ER optics shall be used only in case of Ethernet Backhaul link to reach a remote Dailymotion Facility, and shall be regarded as last resort.

The housing facilities where to establish the PNI shall be discussed directly with the candidate, the PNI facilities are mentioned on top of this page.

4. Technical requirements

The below conditions shall be maintained upon peering establishment, they are mandatory.

BGP-4 shall be the only EGP used for interconnect (not really worth mentioning tho...)

In case of Private Network Interconnect, AS41690 and the peering partner shall agree on who provides the interconnect /30 IP pool.

MD5 session is not mandatory (well... unwanted when feasible), but can be implemented upon agreement.

The only accepted Layer2 Frames shall be of the below listed Ethertype:

IPv4 (0x0800)

ARP (0x0806)

IPv6 in the future(0x86dd)

No 'funky' protocols shall be used on the interconnect link:

No discovery protocol: CDP, FDP, IRDP, EDP ...

No Layer2 resiliency protocol: VRRP, VRRP-E, HSRP ...

No ICMP Redirects, no DHCP/BootP

No link-keepalives, no UDLD...

Peer should advertise full aggregated prefixes.

No prefixes narrower than /24 will be accepted.

All announced prefixes shall be recorder within local IRR with candidate's AS as Origin.

Candidate shall advertise its member AS' prefixes if agreed, long as they are documented in its AS-SET.

BOGONS/RFC1918 filter lists shall regularly be updated by the peering partner so no unwanted prefix is received.

All traffic towards announced destinations shall be forwarded, i.e no black-holing

In case of multiple interconnects, the partner AS will agree with AS41690 on the most convenient exit to be used as primary or secondary.

The below examples are strictly unwanted, and regarded as show-stoppers:

No default route towards AS41690 is tolerated, nor Statics towards destinations not being part of AS41690's announces.

Except upon specific agreement, the peer shall not advertise or re-advertise prefixes learnt from his other peers.

Dailymotion reserves the right to:

Definitely/temporarily shut the peering upon invalid prefix advertisement.

Definitely/temporarily shut the session as a result of abnormal level of errors on the interconnect link.

Definitely/temporarily shut the session consecutively to excessive BGP flapping.

Definitely/temporarily shut the session if any of the previously agreed terms are not met anymore

Require an additional private interconnect Link if traffic reaches a certain level on initial link

Definitely shut the peering in answer to repeated / noticeable delay in solving network operation issues

Proceed with Hot-Potato routing

Should the above conditions look frightening, we strongly believe any issue can be solved by just sending an email to Dailymotion's peering team, please don't be scared and come peer with us, our policy is opened to reasonable people ;)

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