Network Peering Request

(Version 1.2.1 / Typst)

Only used for **AS4242421331/AS4242421332/AS4242420803/AS207268**

◆ Registry

Internet Registry   (If you need to select both, please submit two forms)

☐ **DN42 / NeoNetwork / ICVPN / ChaosVPN / CRXN**   ☐ **IANA**

Fill Your ASN

AS ☐☐☐☐☐☐☐☐☐☐   ☐ Tick if your ASN is 2-byte

◆ Location

Region: ☐ **APAC** ☐ **EMEA** ☐ **NA** ☐ **SA** ☐ **AQ** ☐ Others: _____

Node to Peer: ☐ _____   ☐ I don't know

Location of Your Router: ☐ _____   ☐ Virtual / Inapplicable
(City, Country / Maidenhead Grid / Lat, Lng / Ingress Cell)

◆ Connection

Type of Connection Medium

☐ **Physical** (Twisted-pair)   ☐ **Physical** (Fiber-optical)   ☐ **Physical** (Coaxial)

☐ **Physical** (Wireless)   ☐ **Virtual** (Tunnel)   ☐ **Other**: _____

Type of Extra Connection Options   (Leave blank if there is no additional information to be provided)

☐ Via hosted device: _____   ☐ Via Existing Connection: _____

☐ Via Internet eXchange: _____   ☐ Via Local Network: _____

☐ Via Virtual Machine: _____   ☐ Other: _____

Estimated max bandwidth (if known):   *(If there is not enough free space, please write it in the appendix)*

☐ ⩽ 10Mbps ☐ ~ 100Mbps ☐ ~ 1Gbps ☐ ~ 10Gbps ☐ ⩾ 100Gbps

☐ Others: _____

Medium Options   (Leave blank if there is no additional information to be provided)

☐ **Wireguard**

☐ Endpoint: _____ : ☐☐☐☐☐   ☐ Use Dynamic DNS ☐ No Public IP Available

Public Key: ☐ Download my key from: (or fill the blanks above) _____

☐ Use the given key:

☐☐

☐ Preshared Key: ☐ Download my key from: _____

☐ Use the given key:

☐☐

Options: Host Resolution: (if hostname is used in endpoint)

☐ Enable persistent keepalive: (seconds) ☐☐☐   ☐ Prefer IPv6 ☐ Prefer IPv4

☐ **Zerotier**

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☐ Use Network ID generated by you. Network ID: ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

☐ Use Network ID generated by us. Device ID: ☐☐☐☐☐☐☐☐

☐ **Generic Routing Encapsulation (GRE / GRE6)**

Endpoint: ☐ _____ : ☐☐☐☐☐ ☐ Use Dynamic DNS

Host Resolution: (if hostname is used in endpoint) ☐ Prefer IPv6 ☐ Prefer IPv4

☐ **Others** (if configuration is needed):

(Please put configurations in the appendix)

Addressing Options

☐ **IPv4**

Addressing: ☐ Peer-to-peer

Address _____ / ☐☐ Length

☐ **IPv6**

Addressing: ☐ Link-local addressing ☐ Peer-to-peer

Address _____ / ☐☐☐ Length

◆ BGP Session

Protocols

	IPv4	IPv6
Unicast	☐	☐
Multicast	☐	☐

☐ Others: _____

Session Type (Select **Your** role)

☐ **Full-table (DN42 Only)**
We:
Send **all** our valid routes.
Receive **all** your valid routes.
Send your valid routes to:
• Full-table peers
• Downstream peers

☐ **Transit**
We:
Send our valid **self and downstream** routes.
Receive **all** your valid routes.
Send your valid routes to:
• Full-table peers
• Downstream peers

☐ **Peer**
We:
Send our valid **self and downstream** routes.
Receive your valid **self and downstream** routes.
Send your valid routes to:
• Full-table peers
• Downstream peers

☐ **Downstream**
We:
Send **all** our valid routes.
Receive your valid **self and downstream** routes.
Send your valid routes to:
• Full-table peers
• Transit peers
• Downstream peers

☐ **Route Feed**
We receive **no** routes.
Multihop BGP is enabled.

☐ Private Session
We'll never send your routes to other BGP sessions. (no-export).

☐ Import-only Session
We'll never send any routes to you.

Downstream ASNs

☐ I have downstreams:
(Validation may be required)

_____

_____

_____

_____

(If there is not enough free space, please write it in the appendix)

Security

☐ Set MD5 password for BGP session: _____

☐ Change import limit of routes to: (default: 10K for DN42, 10M for IANA) _____

☐ Disable RPKI/RoA check. (You **must** explain why it is necessary in the appendix.)

Optional Features

Extended Next Hop: ☐ Enable (IPv4 over IPv6) ☐ Enable (IPv6 over IPv4)

Multiprotocol: ☐ Disable (Enabled by default if you have both IPv4 and IPv6 protocols enabled)

Passive BGP session: ☐ Enabled at our side ☐ Enabled at your side

PeeringDB (IANA Only)

☐ Update peering info in *peeringdb.com*.

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◆ Contacts

Email Address: (required)		☐ **Telephone**	
☐ **Instant Messaging**		☐ **Other:** _____	

◆ Confirmation

(You **must** read, acknowledge and tick **ALL** the items)

☐ I have confirmed that I have the right to manage the above mentioned autonomous system and network resources and that the above information has been **filled in correctly**.

☐ I am aware that this BGP session is based on the **Best Effort principle** and **does NOT guarantee connection stability and availability**, and that I will **be responsible for any consequence** caused by the failure of this BGP session.

☐ I will **NOT** arbitrarily **block, interfere, discriminate, obstruct or restrict** the right of **ANY** user to use, send, receive or offer any content, application or legal service over this connection.

Signature:

Date of Request: ☐☐☐☐ / ☐☐ / ☐☐

◆ Result (This field is to be completed by the reviewer)

☐ **Peering Accepted**   ☐ **Peering Onhold**   ☐ **Peering Rejected**

Extra Message:

Date of Reply: ☐☐☐☐ / ☐☐ / ☐☐

Please return completed form to:
- **+1-424-242-9915** (Fax on PSTN) / **+424-0-0803-4001** (Fax on Telephony42)
- **peering@strexp.net** (IANA Global Network) / **peering@nia.dn42** (DN42 Global Network)
- **peering@gensokyo.dn42** (DN42 China Network)

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