Internet Interconnection Ecosystem Survey

106 responses collected by circulating the following survey through the NANOG, RIPE, APNIC, LACNIC, AFRINIC, IX.br, AUSNOG, DENOG mailing lists

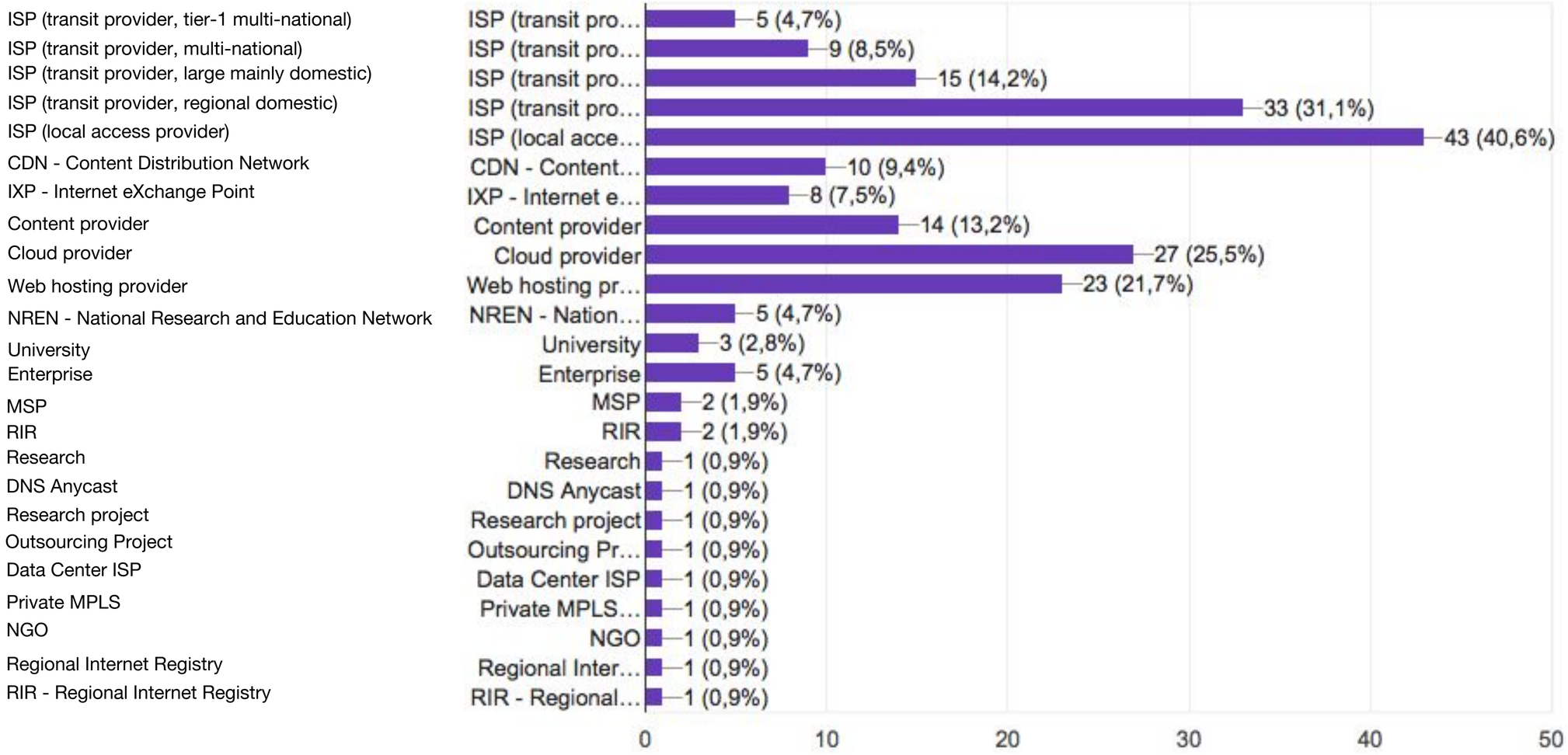
P. Marcos, M. Chiesa, L. Muller, P. Kathiravelu, C. Dietzel, M. Canini, M. Barcellos

22/06/2018

About your organization

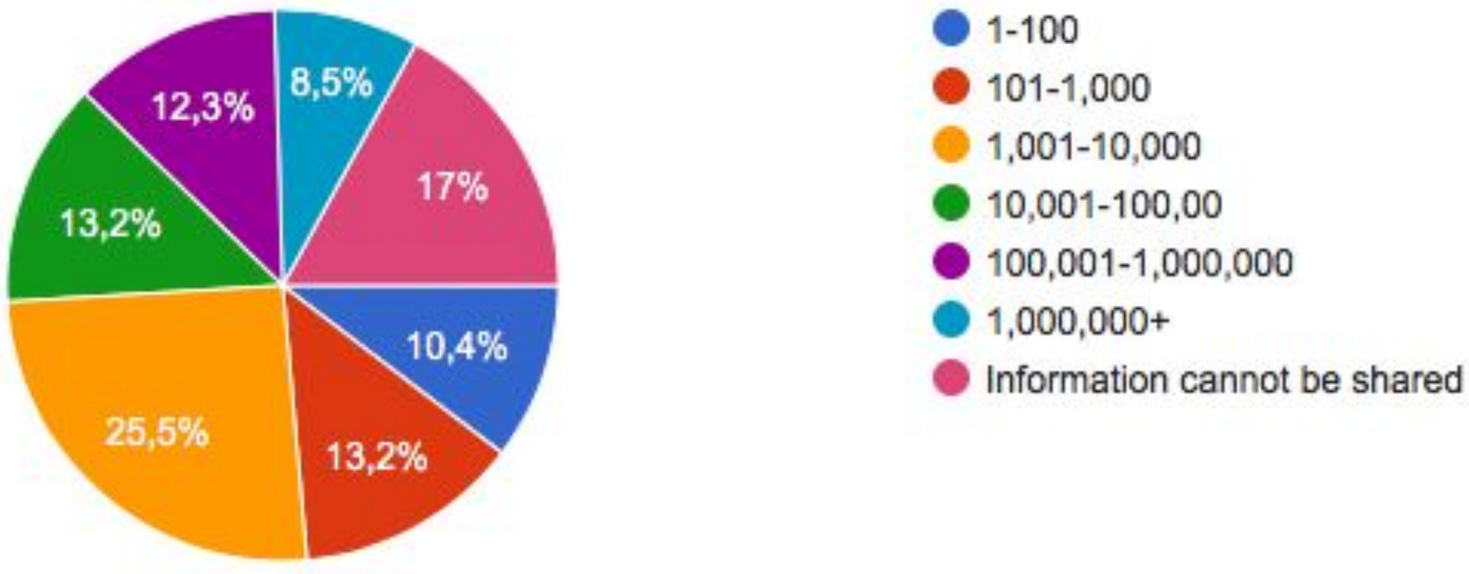
Q1: Which term(s) best describe your organization?

(106 responses)



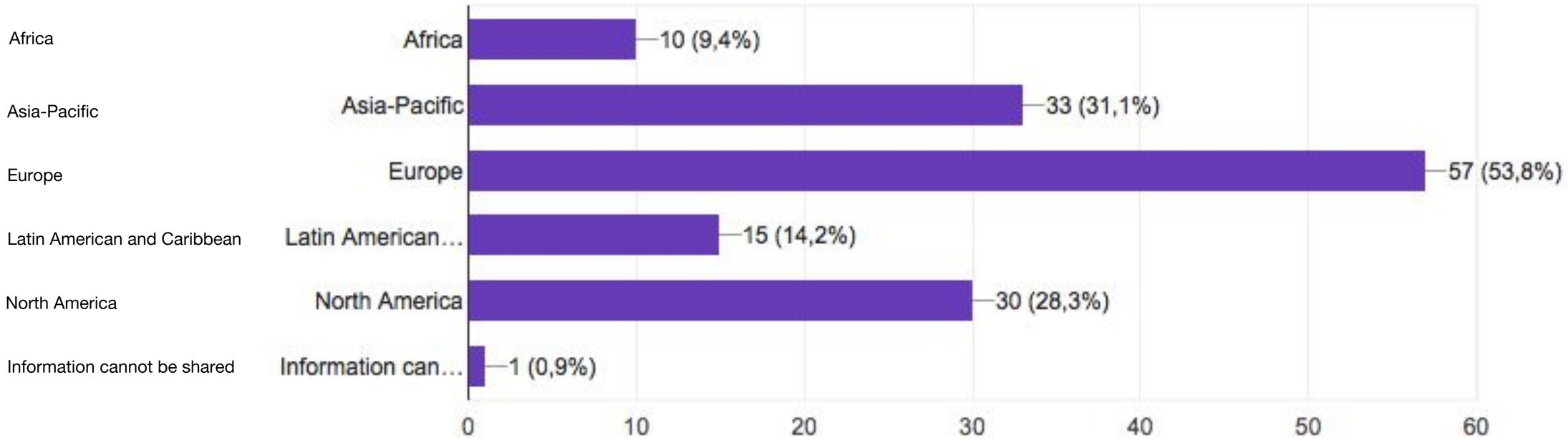
Q2: How many end-users (or number of members, if you operate an IXP) does your organization have?

(106 responses)



Q3: In which region is your network located?

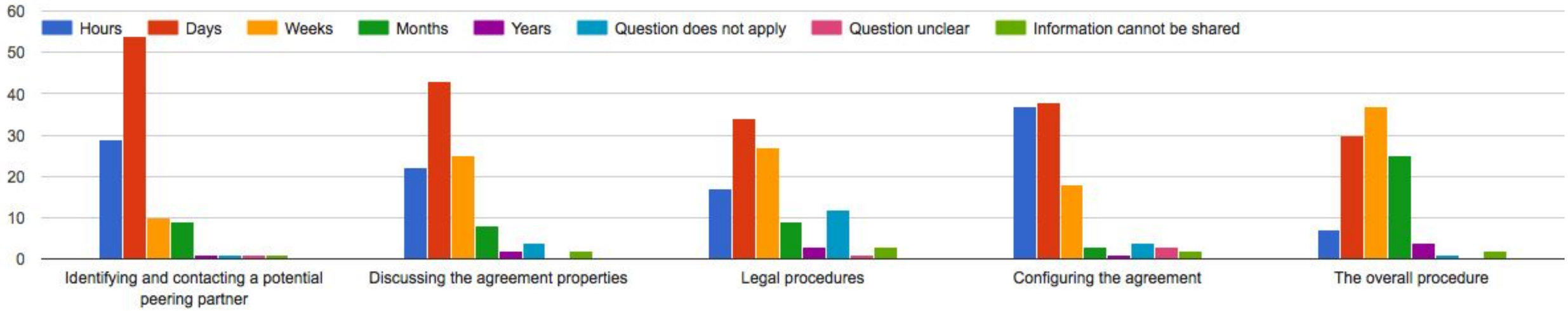
(106 responses)



Interconnection agreements today

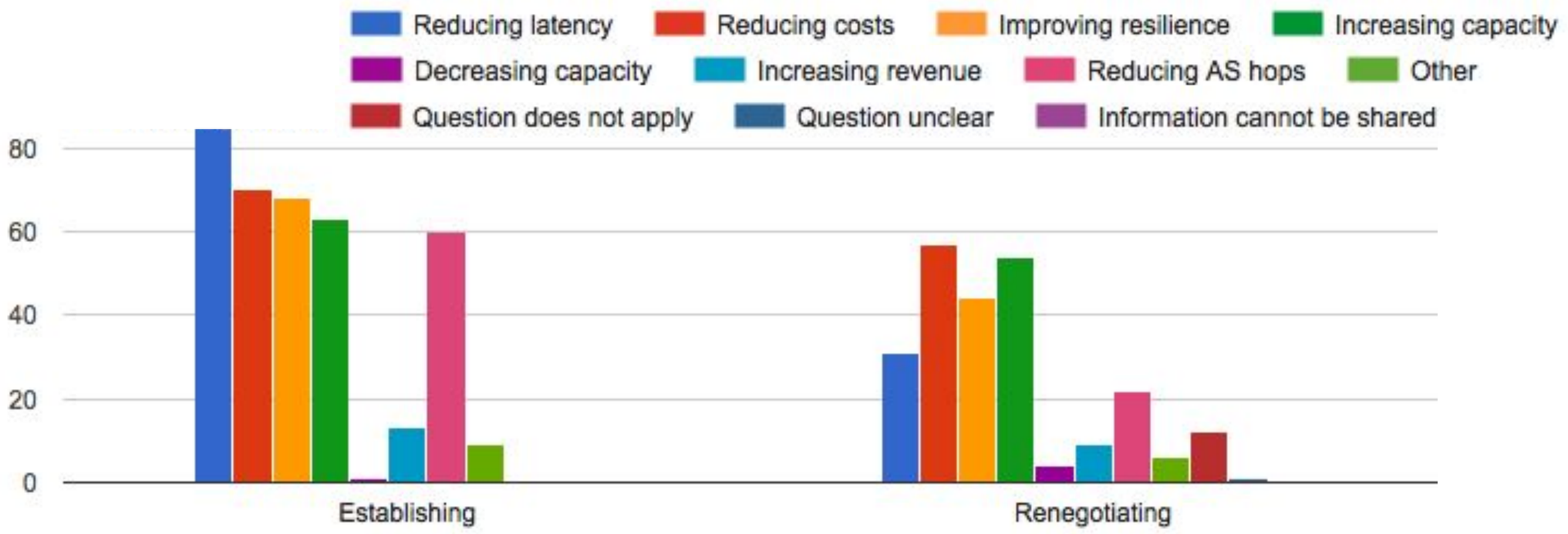
Q4: How long does it take on average to set up a bilateral interconnection agreement?

(106 responses)



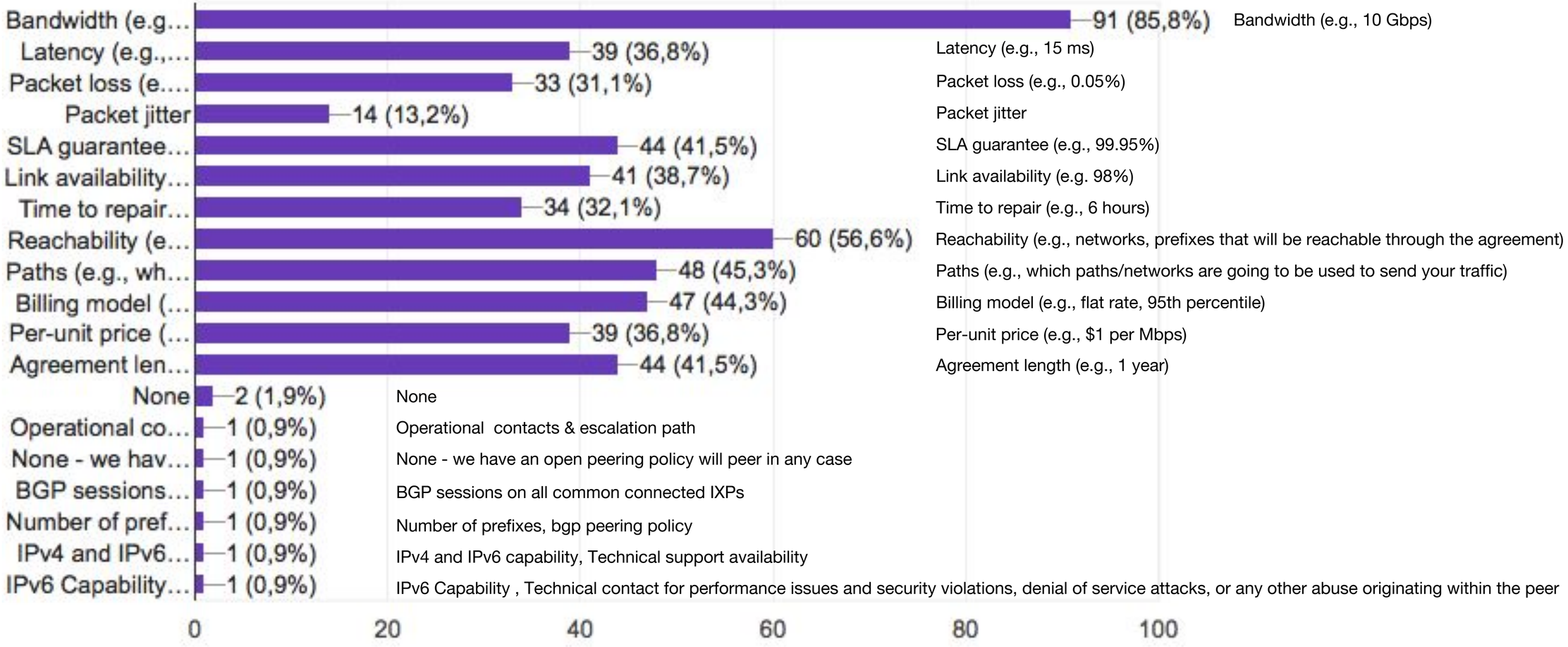
Q5: What are your main reasons for establishing/renegotiating an interconnection agreement?

(106 responses)



Q6: What parameters do you discuss before establishing a bilateral interconnection agreement?

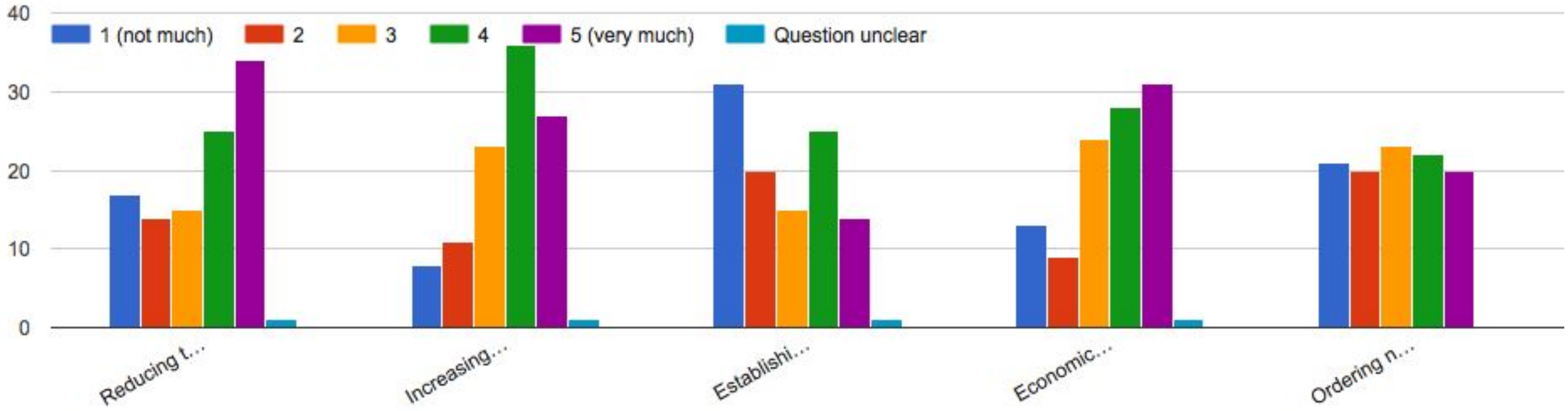
(106 responses)



Future of the interconnection agreements

Q7: How important to you are the following aspects?

(106 responses)



Reducing the overall interconnection agreement setup time

Increasing utilization of the peering port

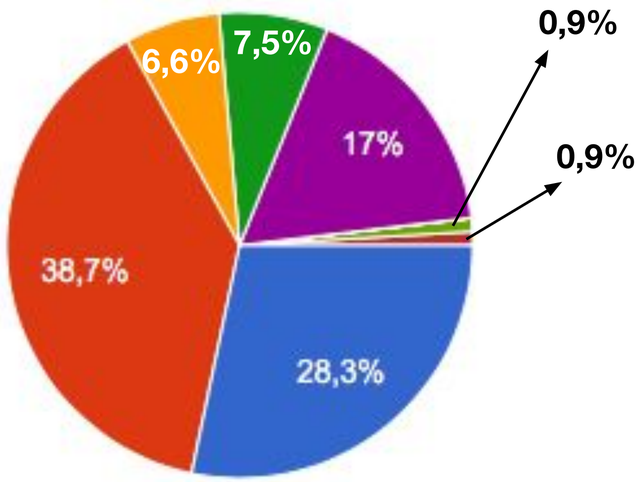
Establishing a short-term interconnection to perform traffic engineering (e.g., to deal with a congestion or with a link failure)

Economics: e.g., increasing revenue by being able to establish interconnection agreements easily (if you are a provider), or reducing costs (if you are a customer)

Ordering network services on-demand (e.g., DDoS mitigation)

Q8: What do you think of the emerging services for on-demand connectivity? e.g., MegaPort, PacketFabric, ConsoleConnect, and Epsilon Infiny.

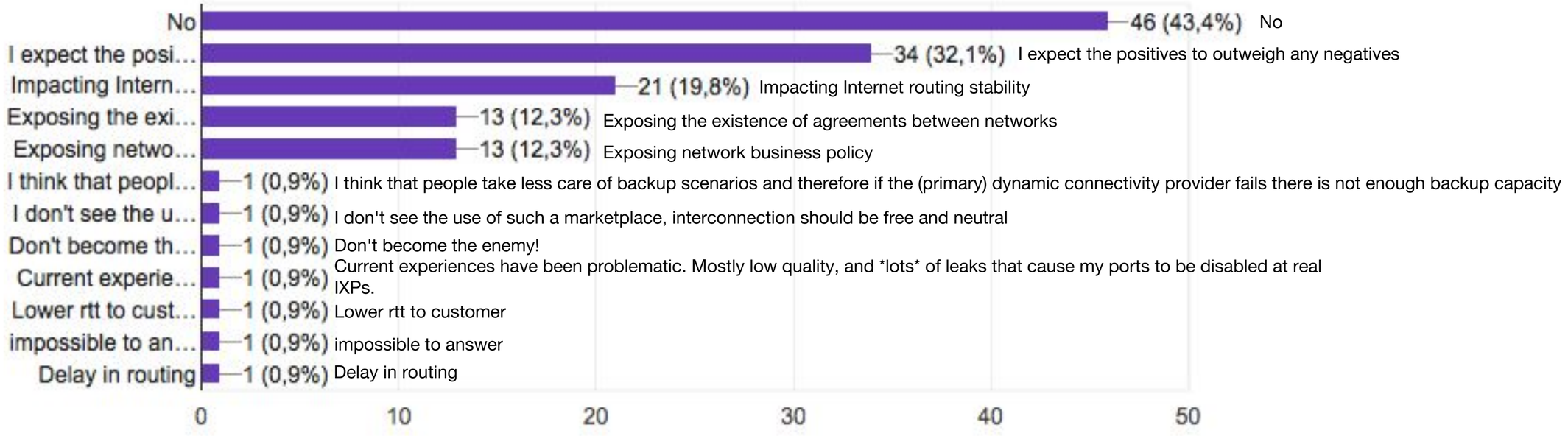
(106 responses)



I never heard of them	I never heard of them
I know what they offer but I do not need them	I know what they offer but I do not need them
I know what they offer but they do n…	I know what they offer but they do not have what I need
I am planning to use them in my org…	I am planning to use them in my organization
I am using them in my organization	I am using them in my organization
Question unclear	Question unclear
Information cannot be shared	Information cannot be shared
I am one of them	I am one of them
I know what they offer and we are c…	I know what they offer and we are considering to use them.

Q9: Do you think that the existence of a marketplace for dynamic connectivity might cause a negative impact on the Internet or in the way that networks do business?

(106 responses)



Q10: Would you mind if the following information about your interconnection agreements would be disclosed to other networks in a marketplace for on-demand connectivity agreements?

(106 responses)