APTLD & MYNIC JOINT SURVEY

INTERNET SECURITY
& CCTLDS
SURVEY RESULTS

24th June 2008, Tuesday
ccNSO meeting, Paris, France

Survey Objectives

Survey Summary:-

For APTLD members to examine the roles and responsibilities of ccTLDs in Internet security. This survey is on security-related issues when it comes to the registration and renewal of domain names, with a particular focus on fast flux & phishing.

The objective of this survey is to

- facilitate an exchange of information
- share best practices
- Assess how ccTLDs can cooperate & work closely with their respective CERTs on preventing & tackling phishing incidents
- Assess how ccTLDs can improve on the security level for customers of domain names
- Assess what are the security issues currently faced by ccTLDs

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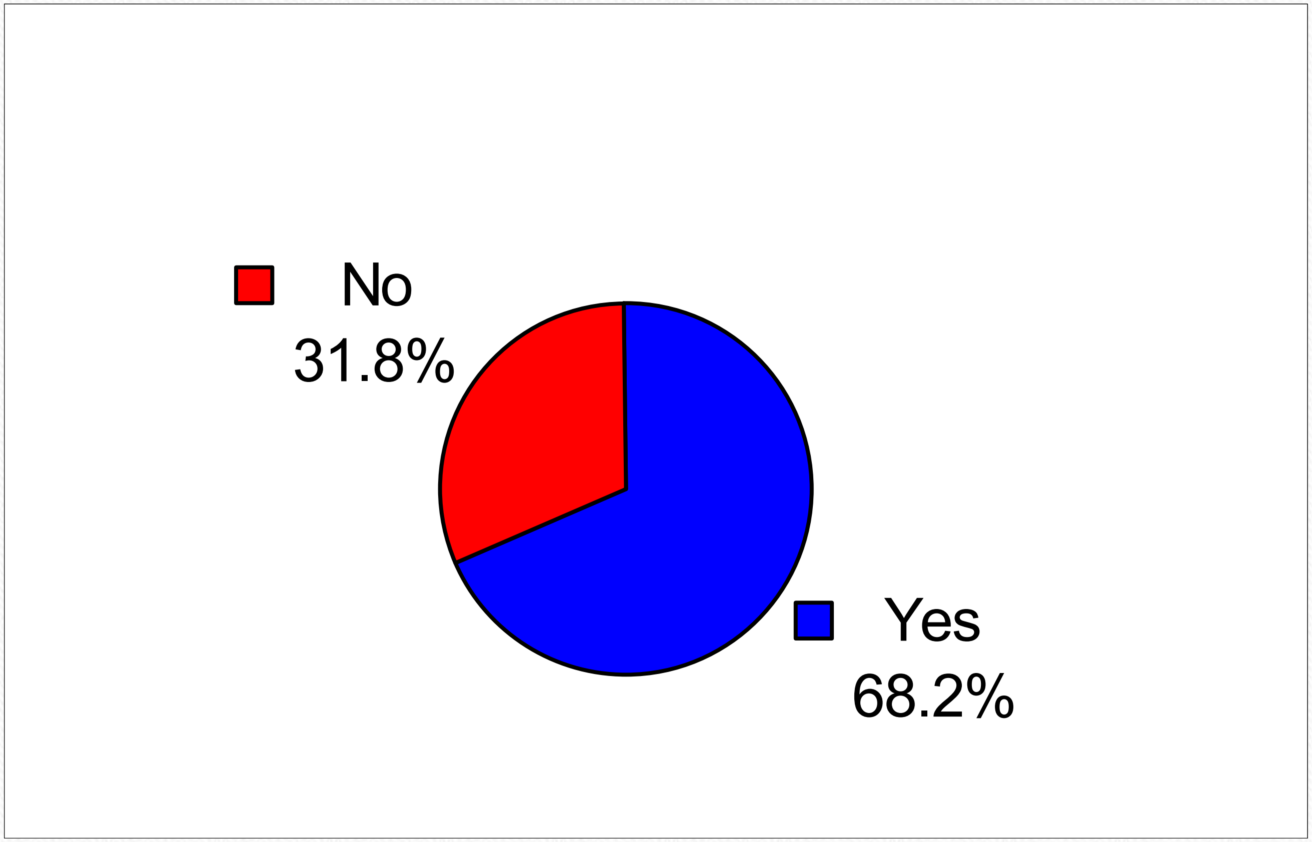
Q1

Do you have restrictions on who can register a name?



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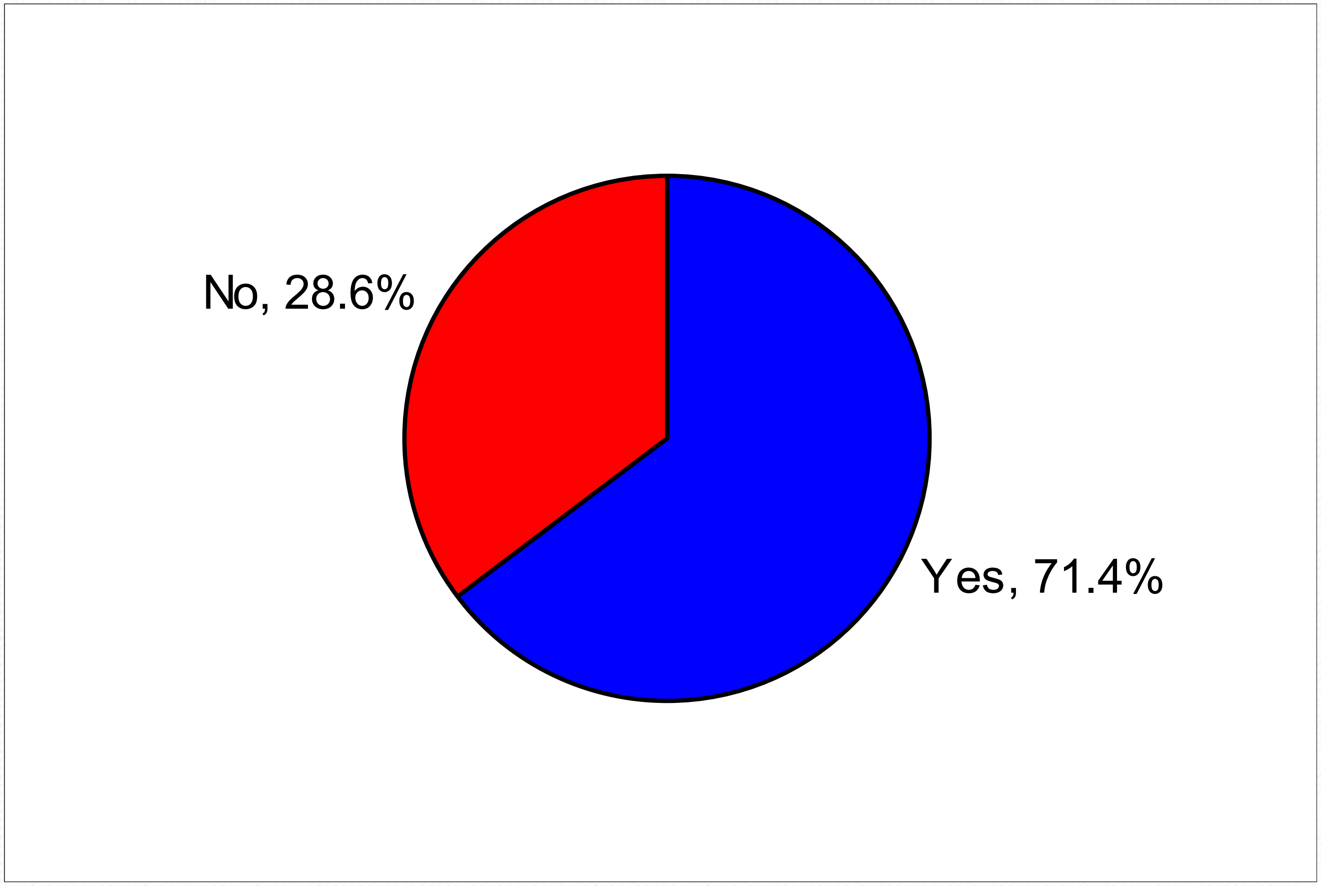
Q2

Do you or your Registrar or Reseller validate the details of registrants?



Q3

How often do you update your zone file?

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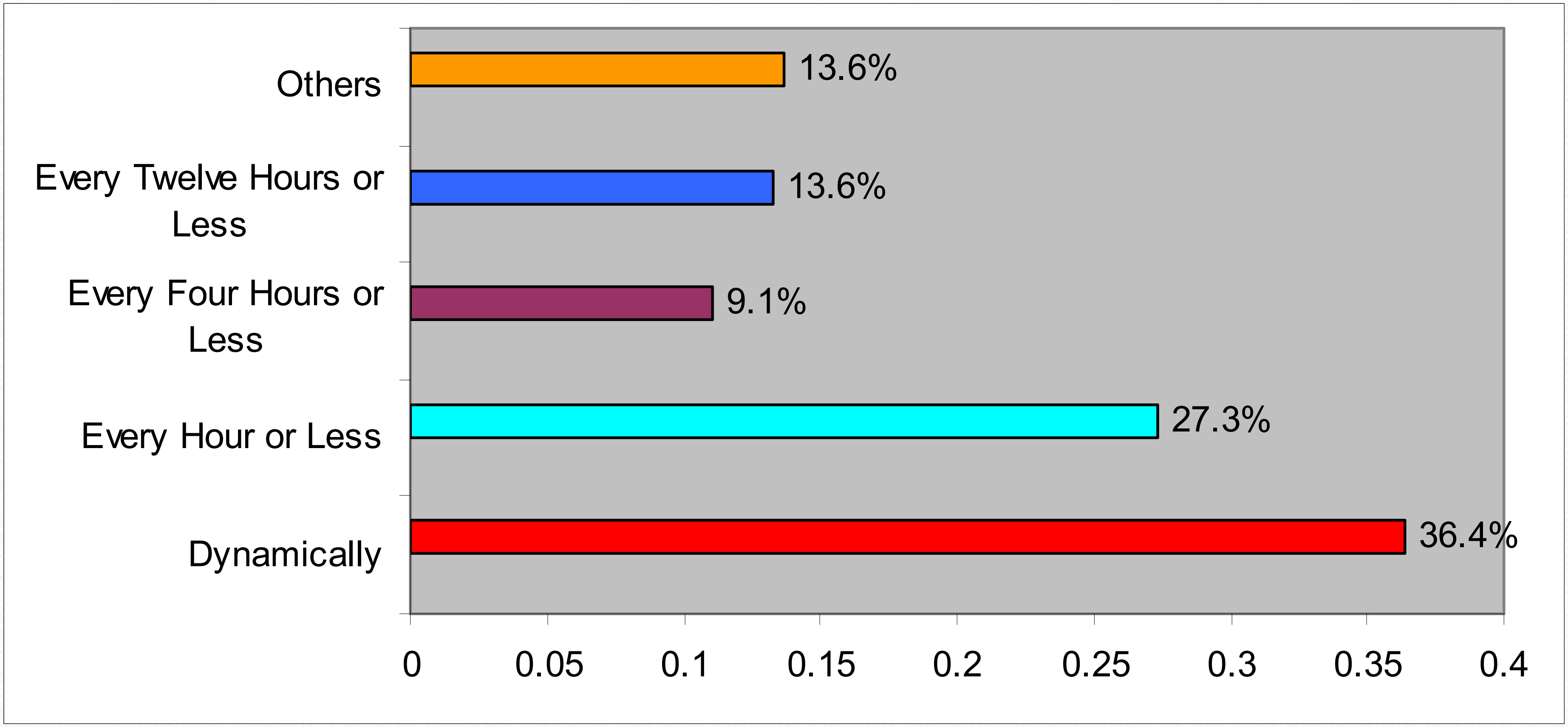

Q4

Which of the following do you validate?

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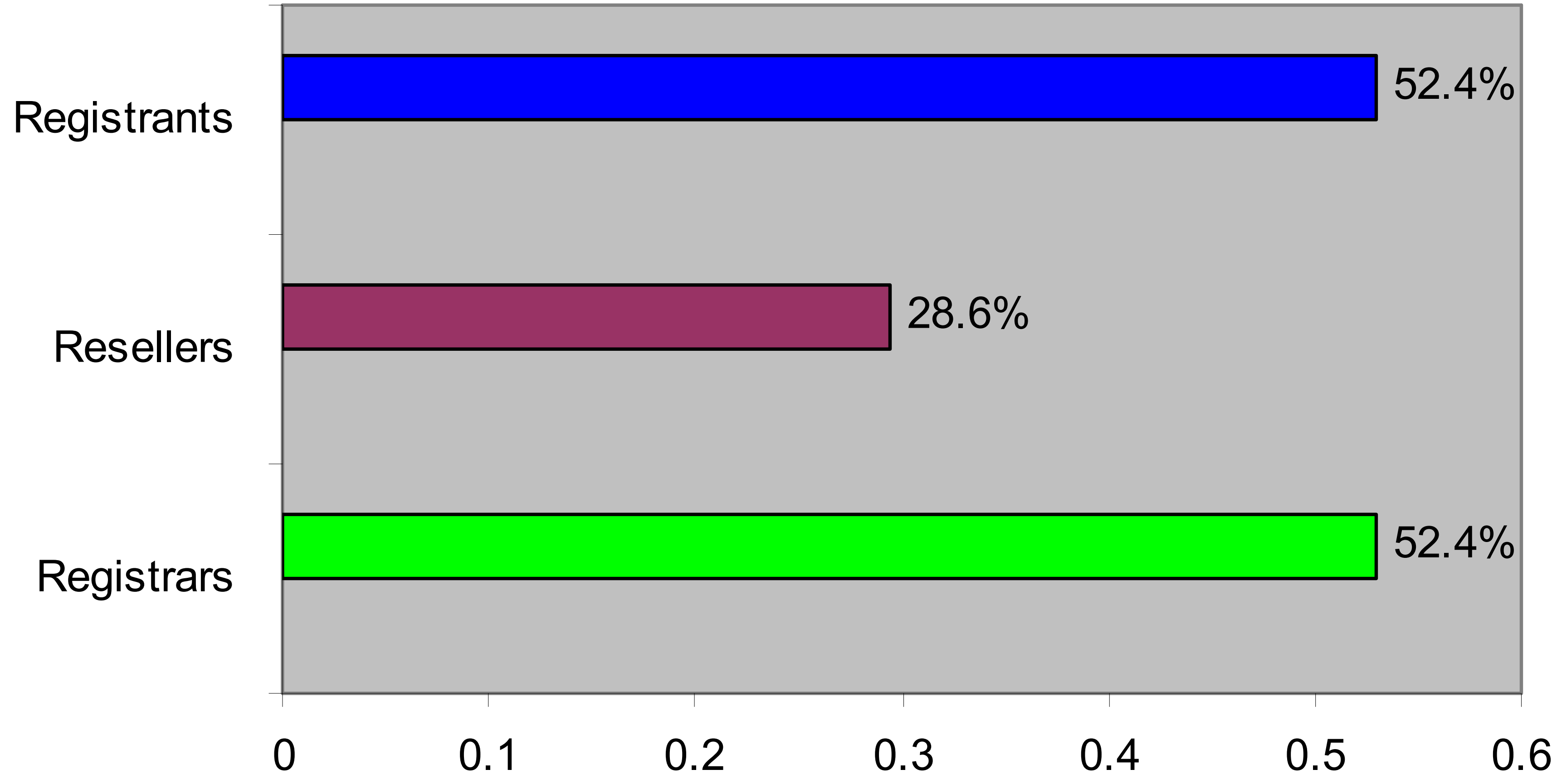

Q5

What does Internet Security mean to you?

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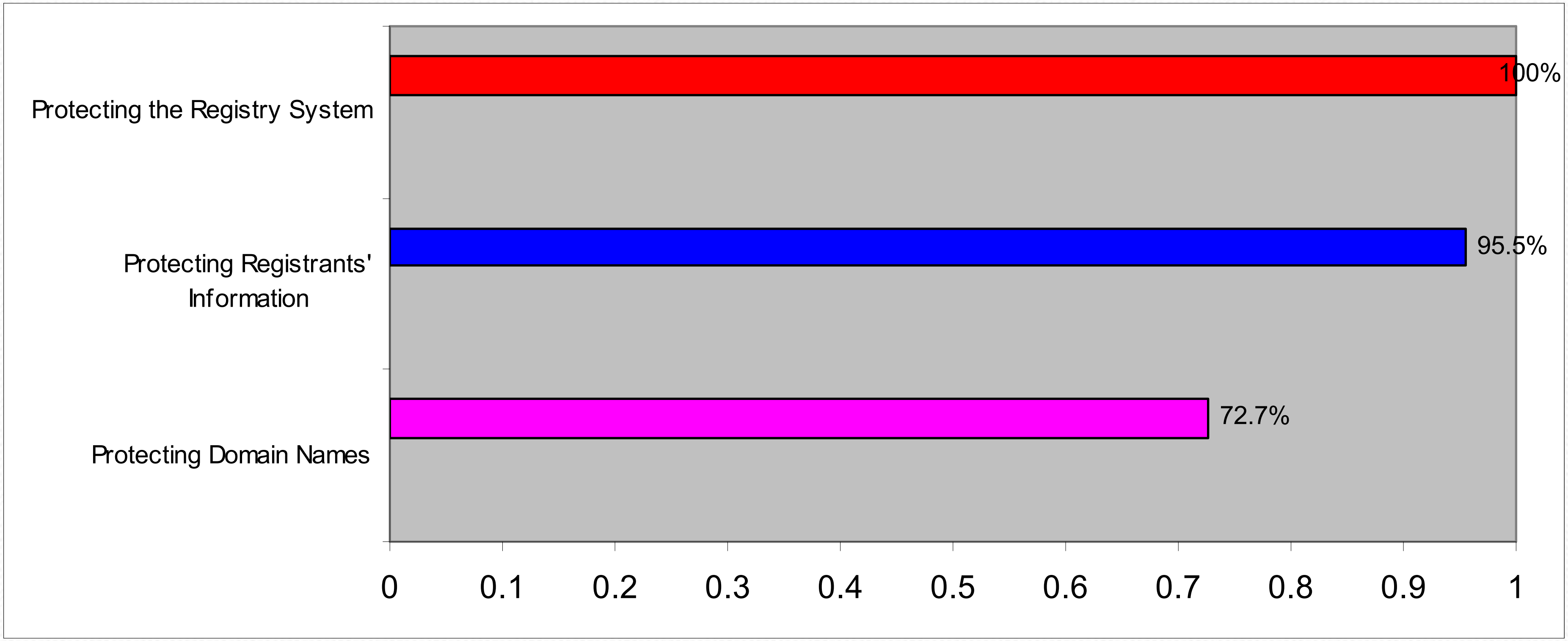

Q6

Does your ccTLD provide security as to who can change the Registrants' contact information?

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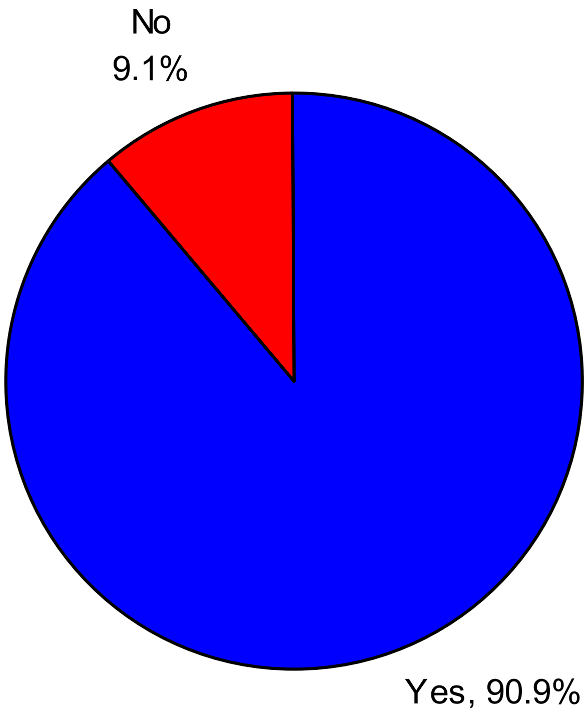

Q7

What are the security measures your ccTLD provide to allow changes to Registrants' contact information?

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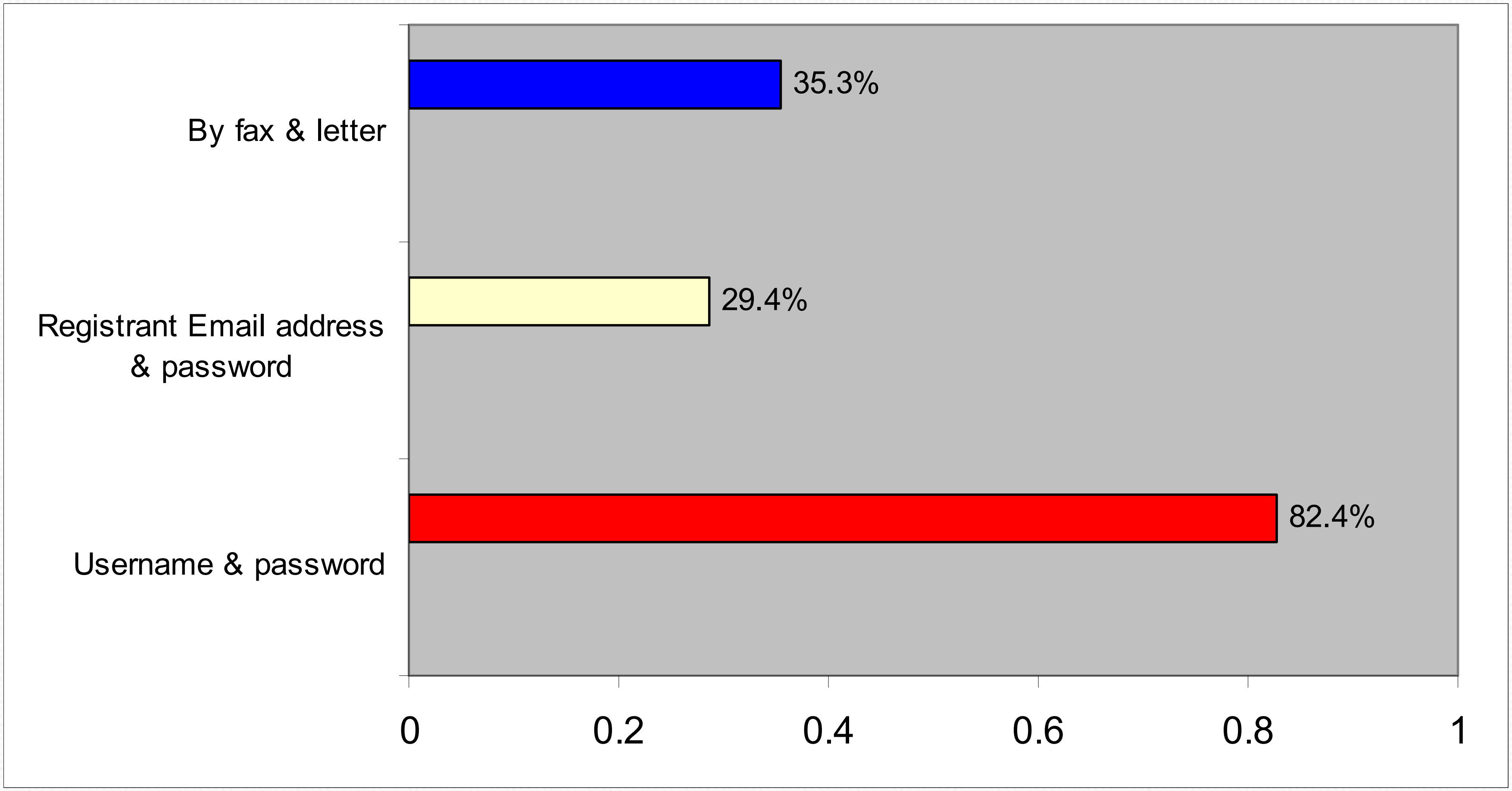

Q8

Does your Registry system put in place a security feature to bar access to registrants' contact information after three (3) unsuccessful attempts using password?

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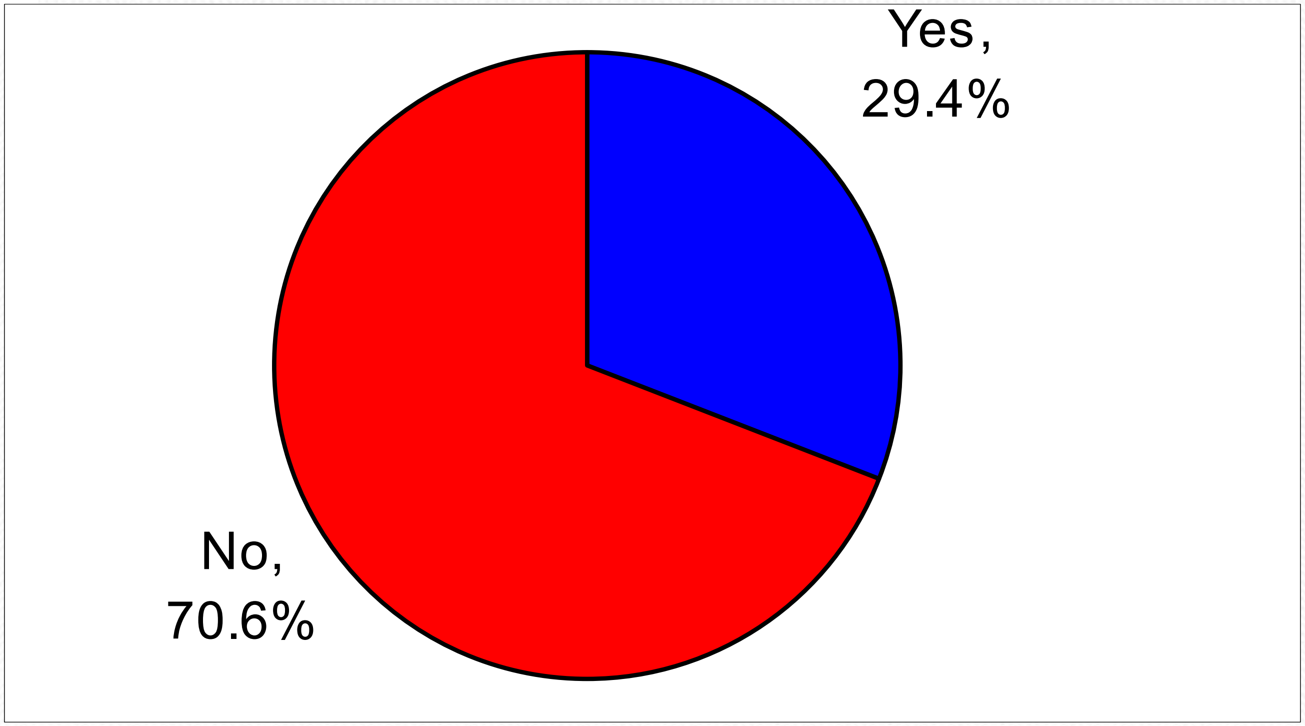

Q9

What can your Registrant do if they forget their username and password?

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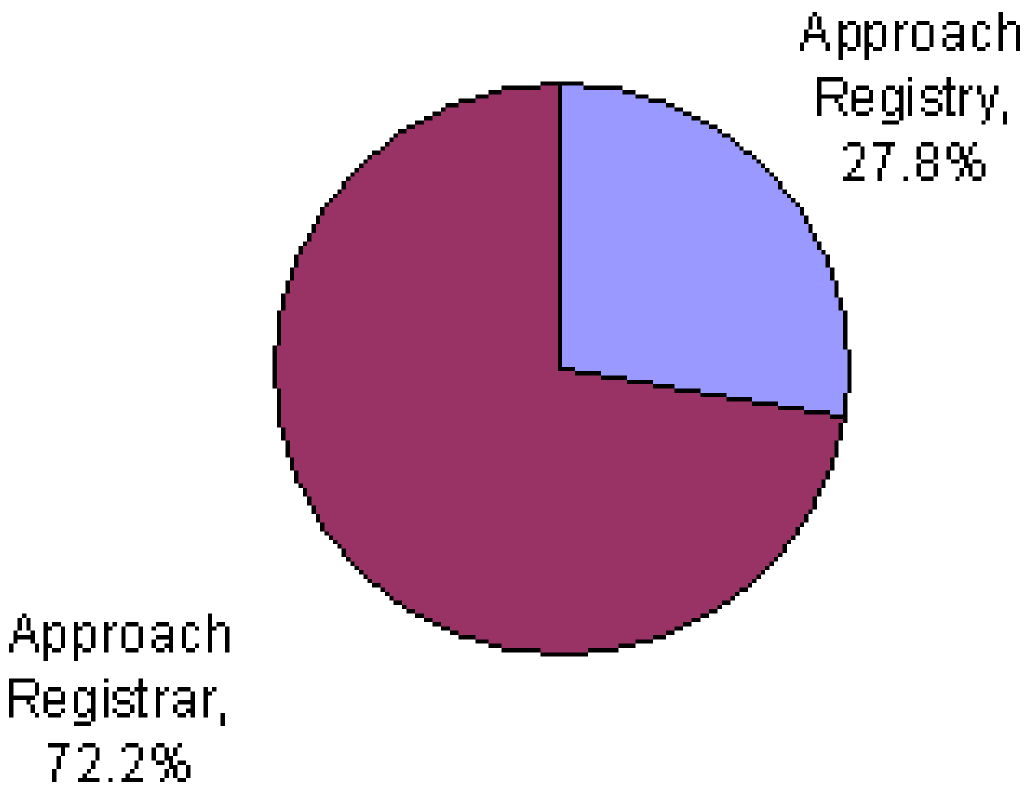

Q10

How can the Registrant retrieve the username and password?

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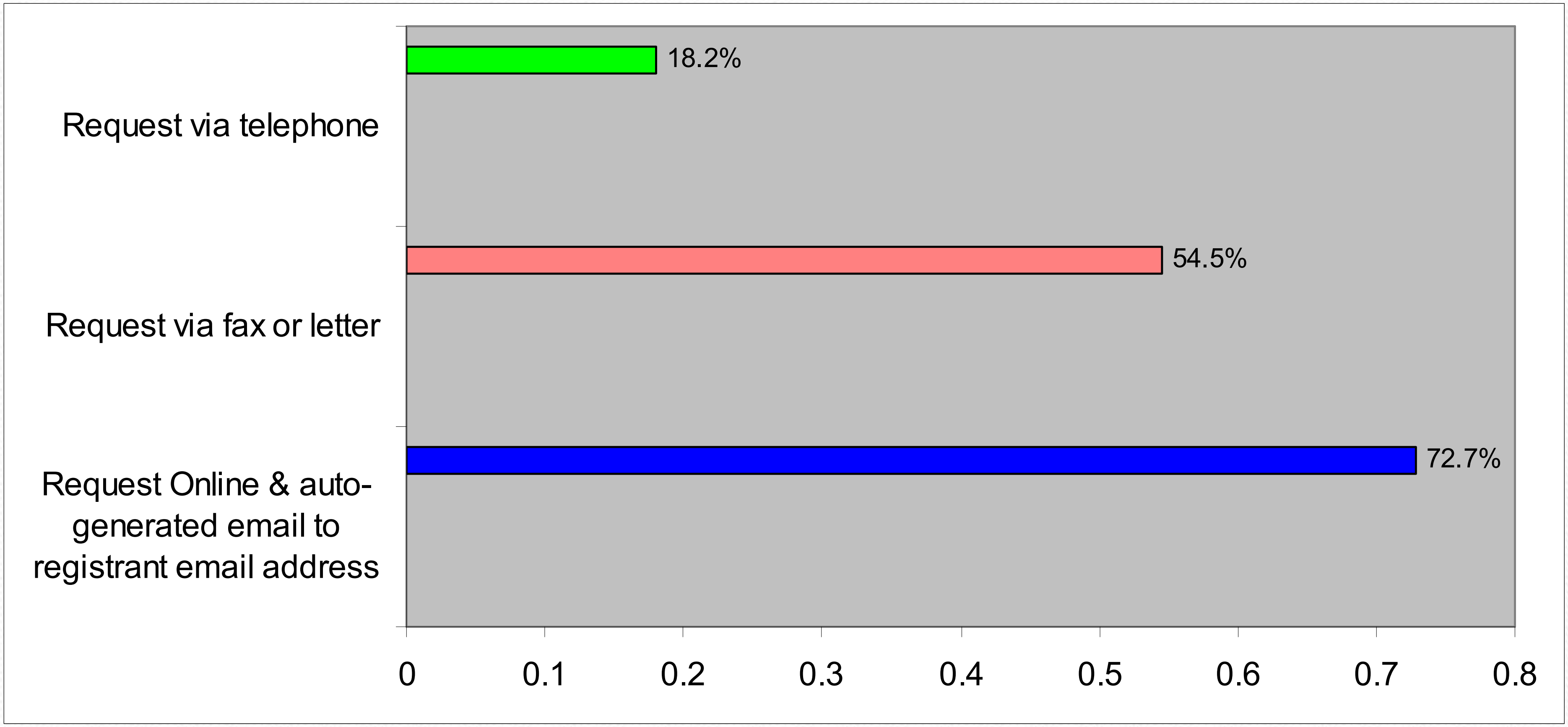

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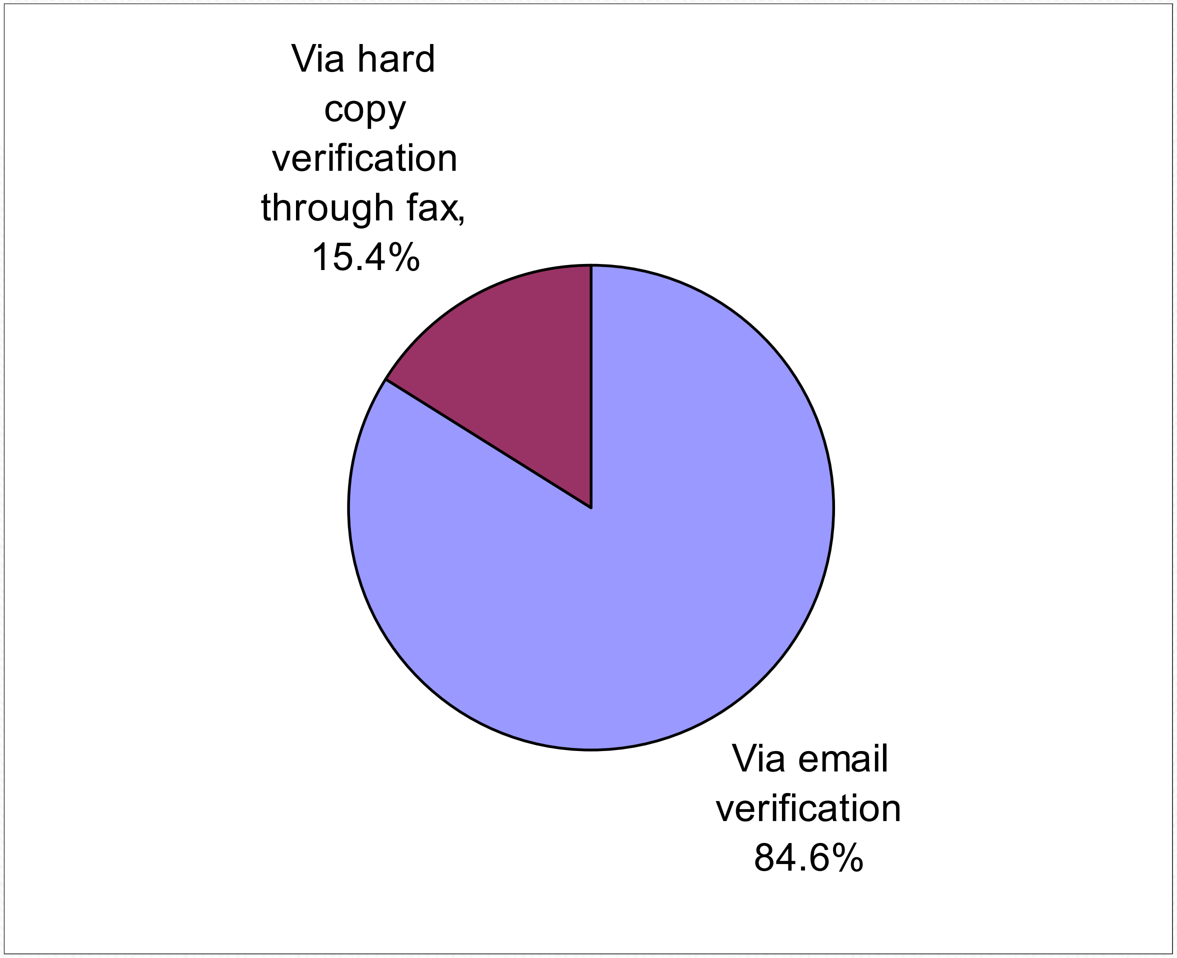
Q11

How are the security measures (e.g. username & password) provided to your Registrants?



Q12

Do you allow your Registrant/ Contact Person to use as their email address, those obtained from free services?

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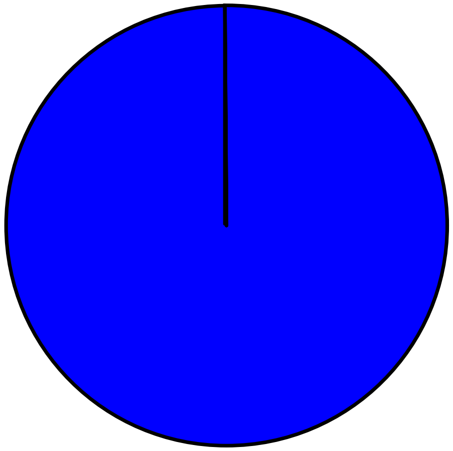

Q13

Can your Registrant change their organization name (e.g. business or company name)?

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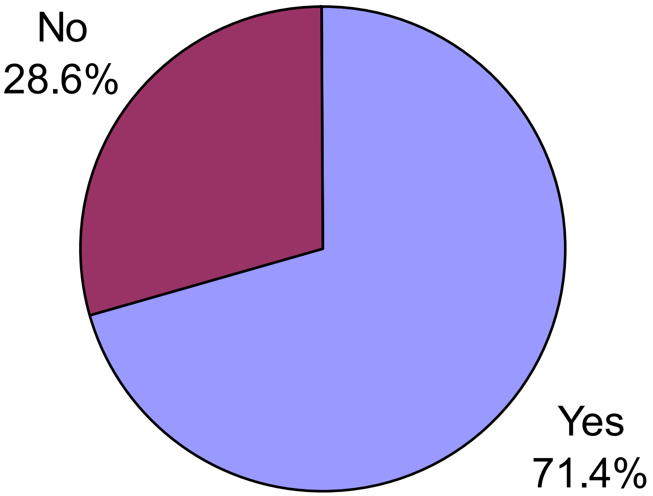

Q14

How does your Registrant request the changes to their organization name?

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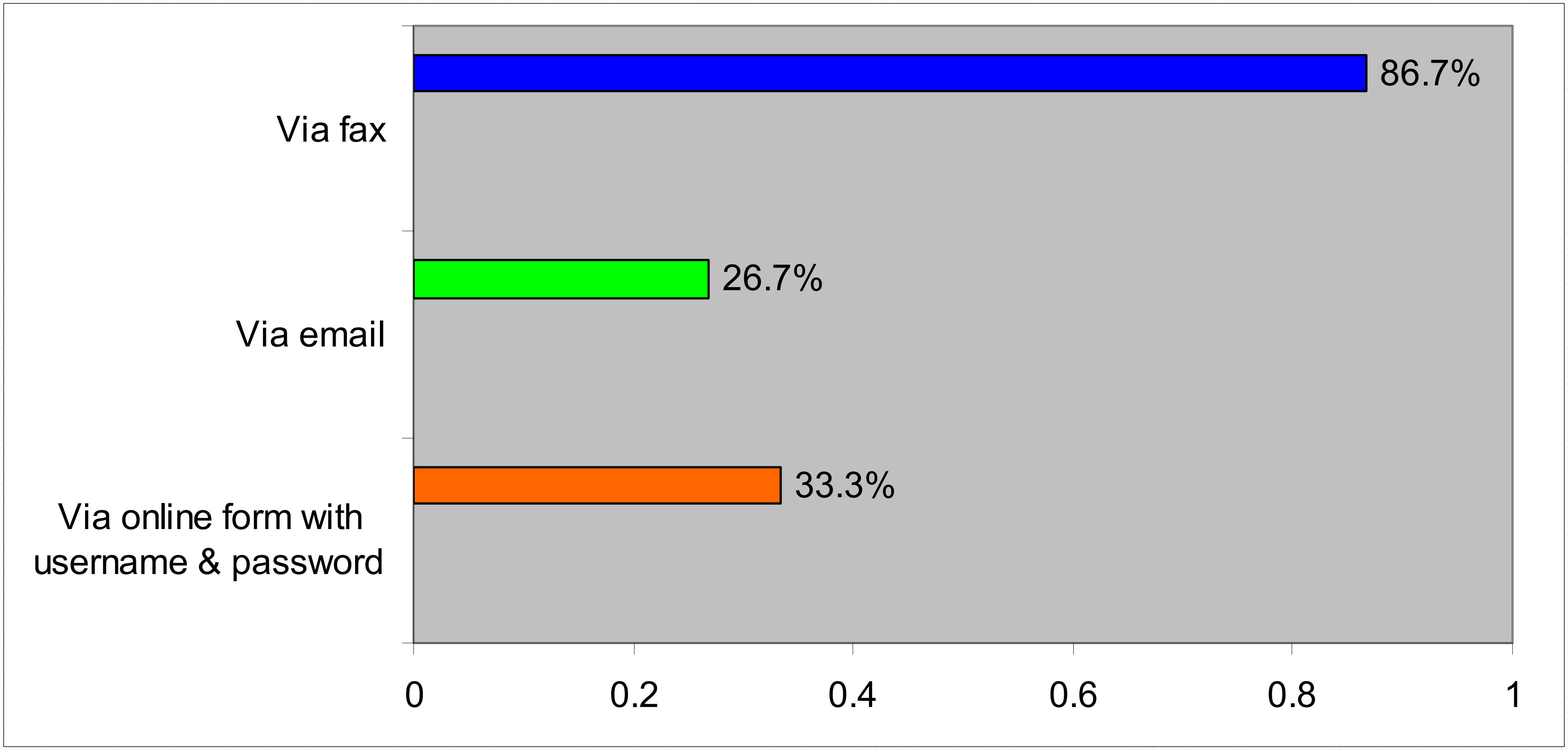

Q15

How does your ccTLD verify the changes in the Registrant organization name?

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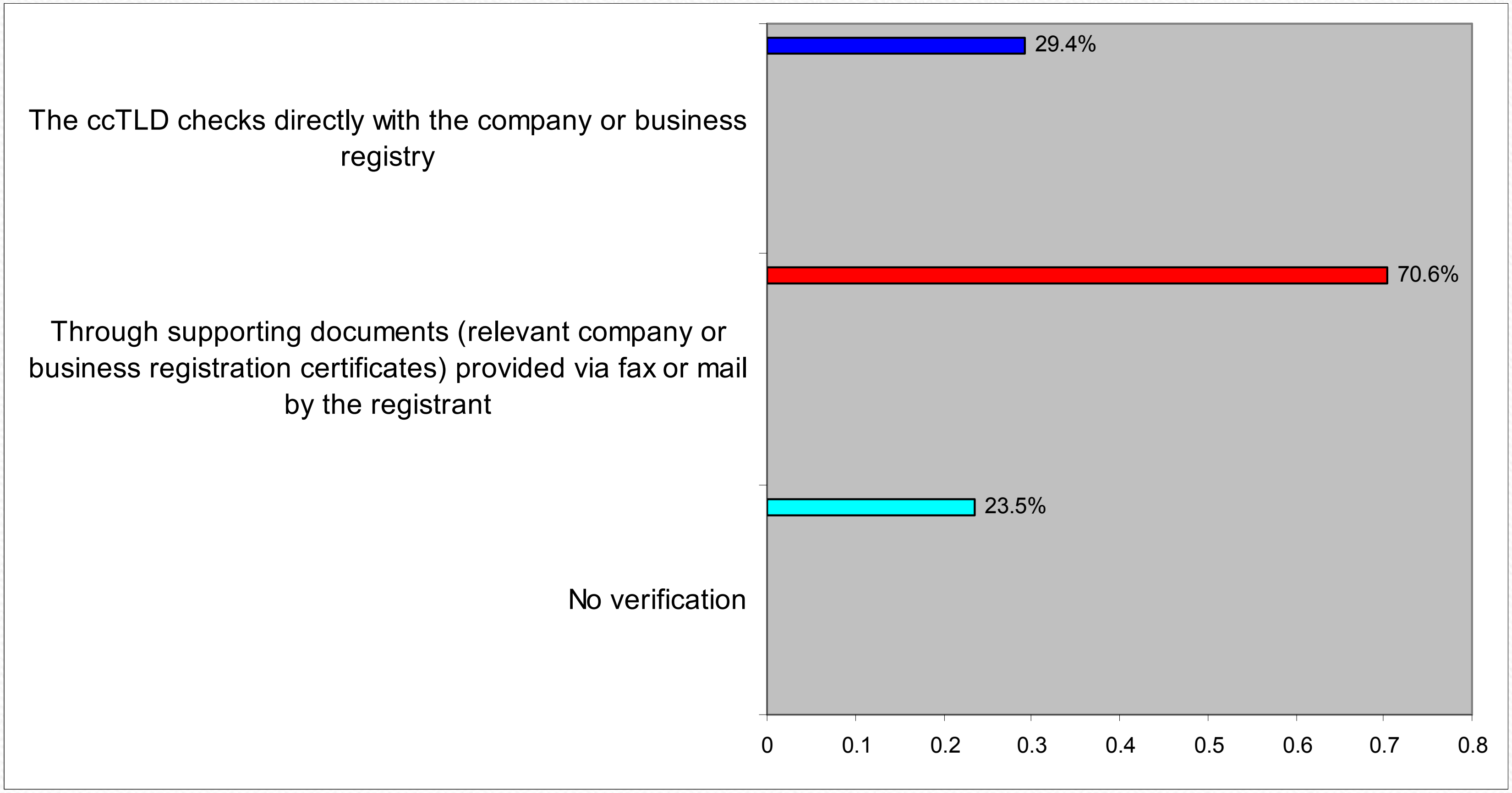

Q16

What contact information can be changed online using the password provided to the AC?

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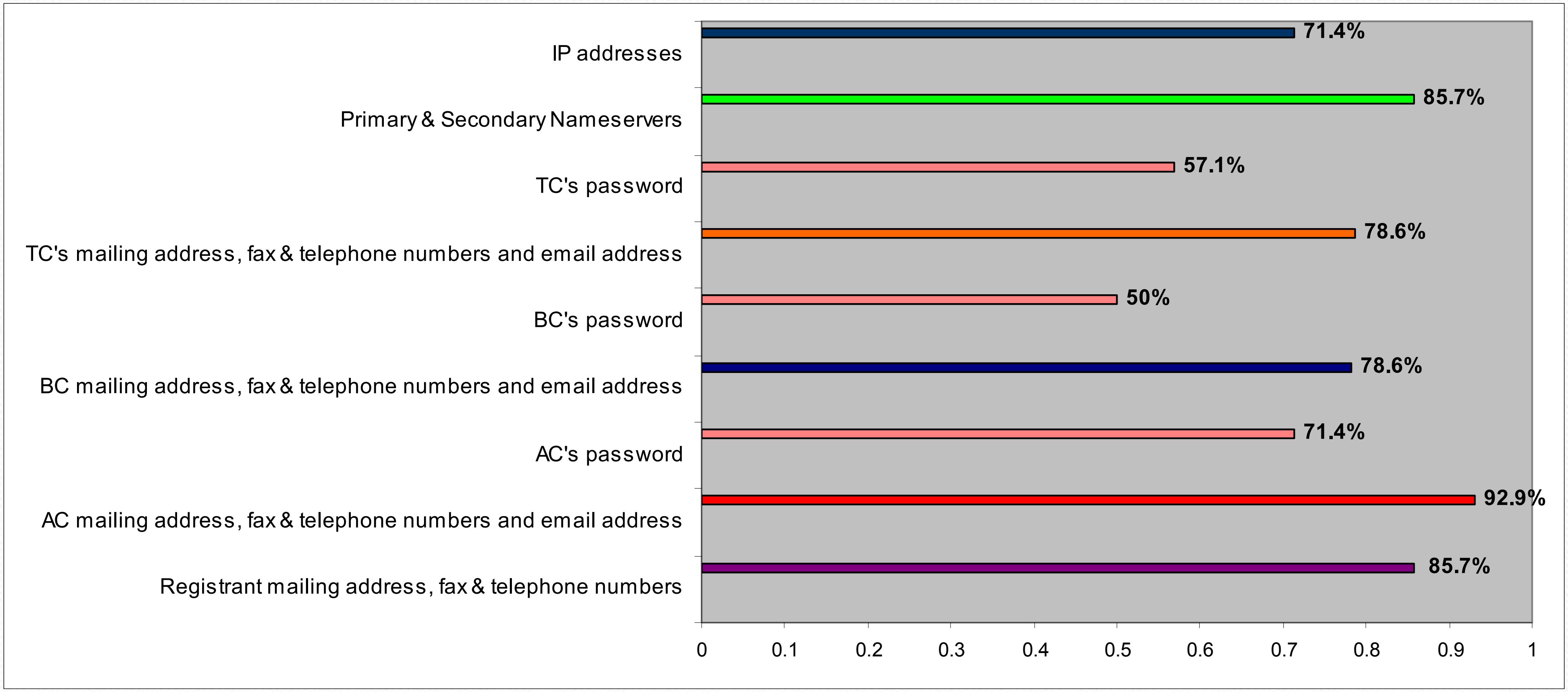

Q17

What contact information can be changed online with the password provided to the TC?

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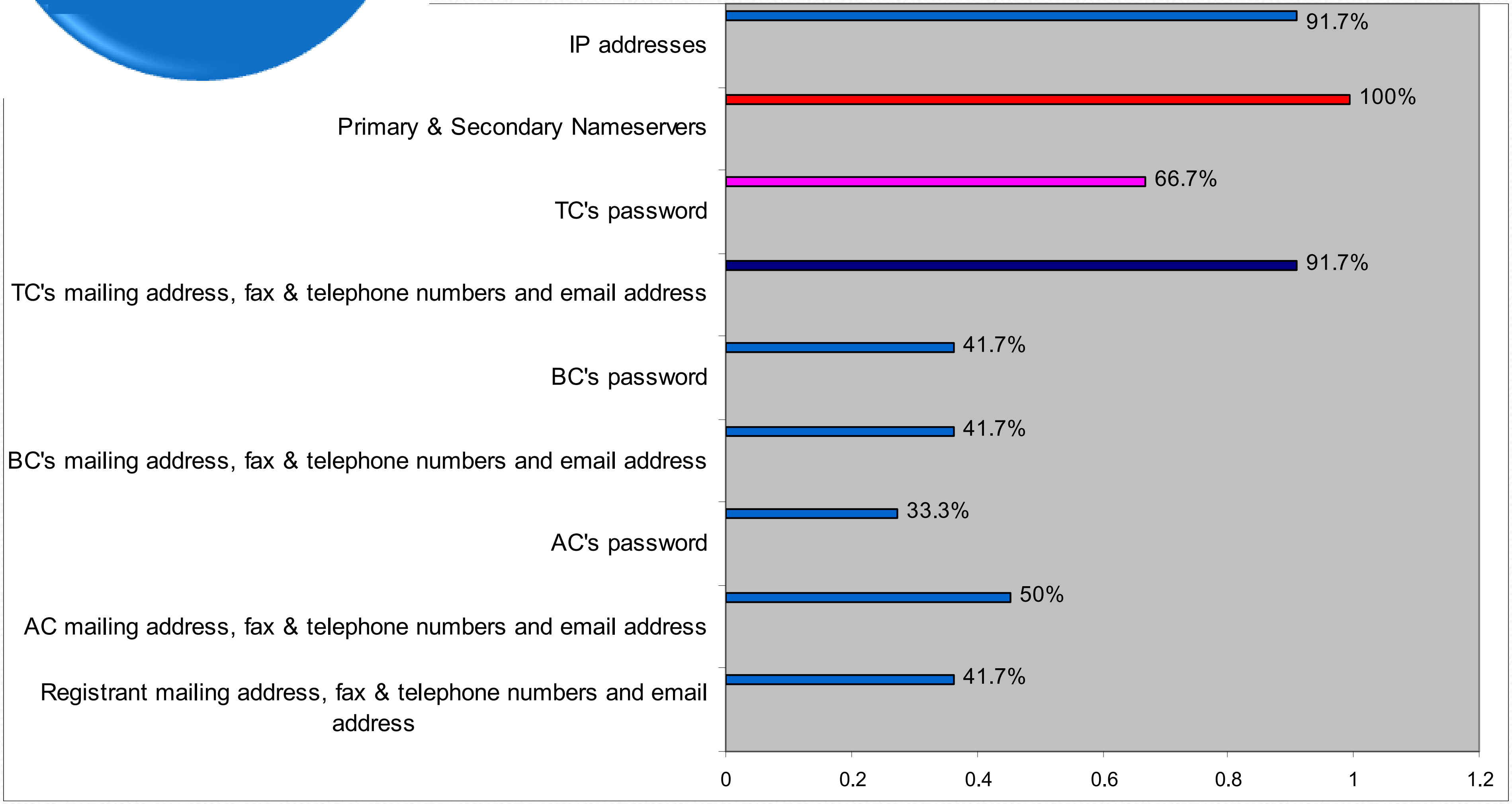

Q18

What are required to transfer the domain name from existing Registrant to new Registrant?

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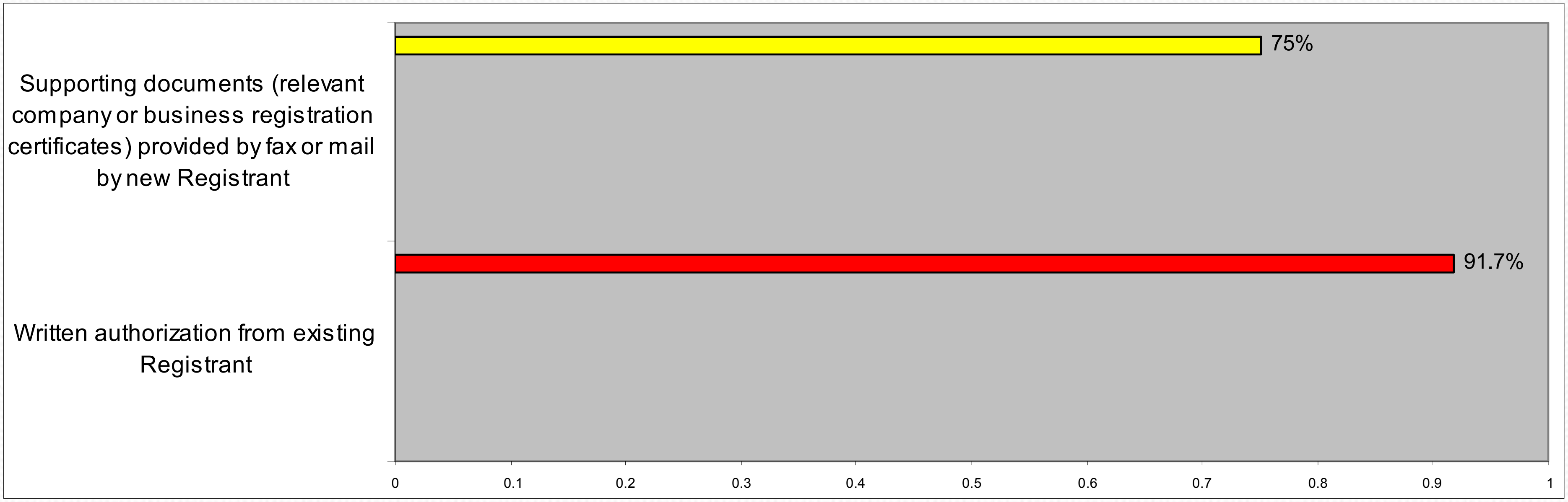

Q19

Who is/are involved in the transfer of domain name from existing Registrant to new Registrant?

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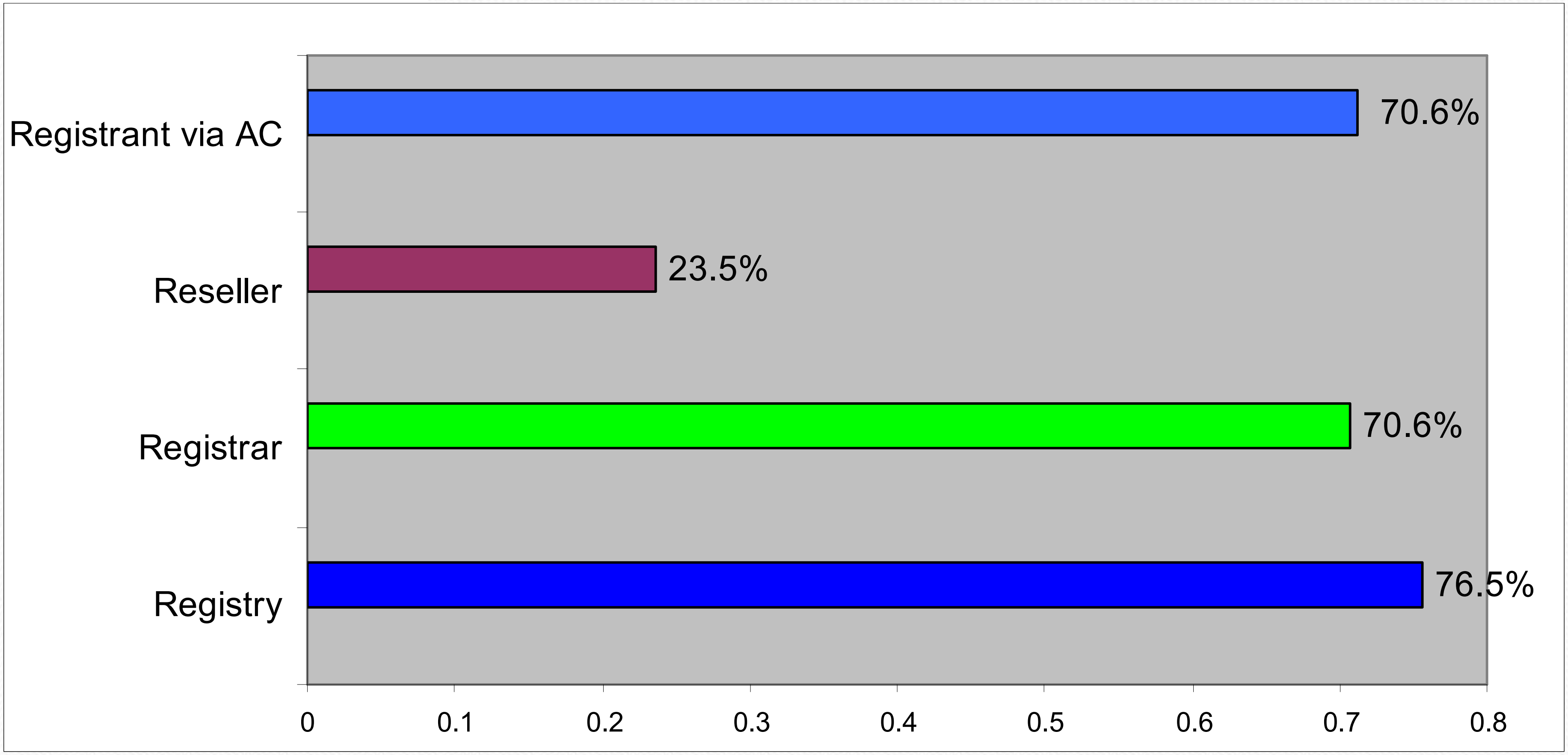

Q20

What security measures are involved in the transfer process?

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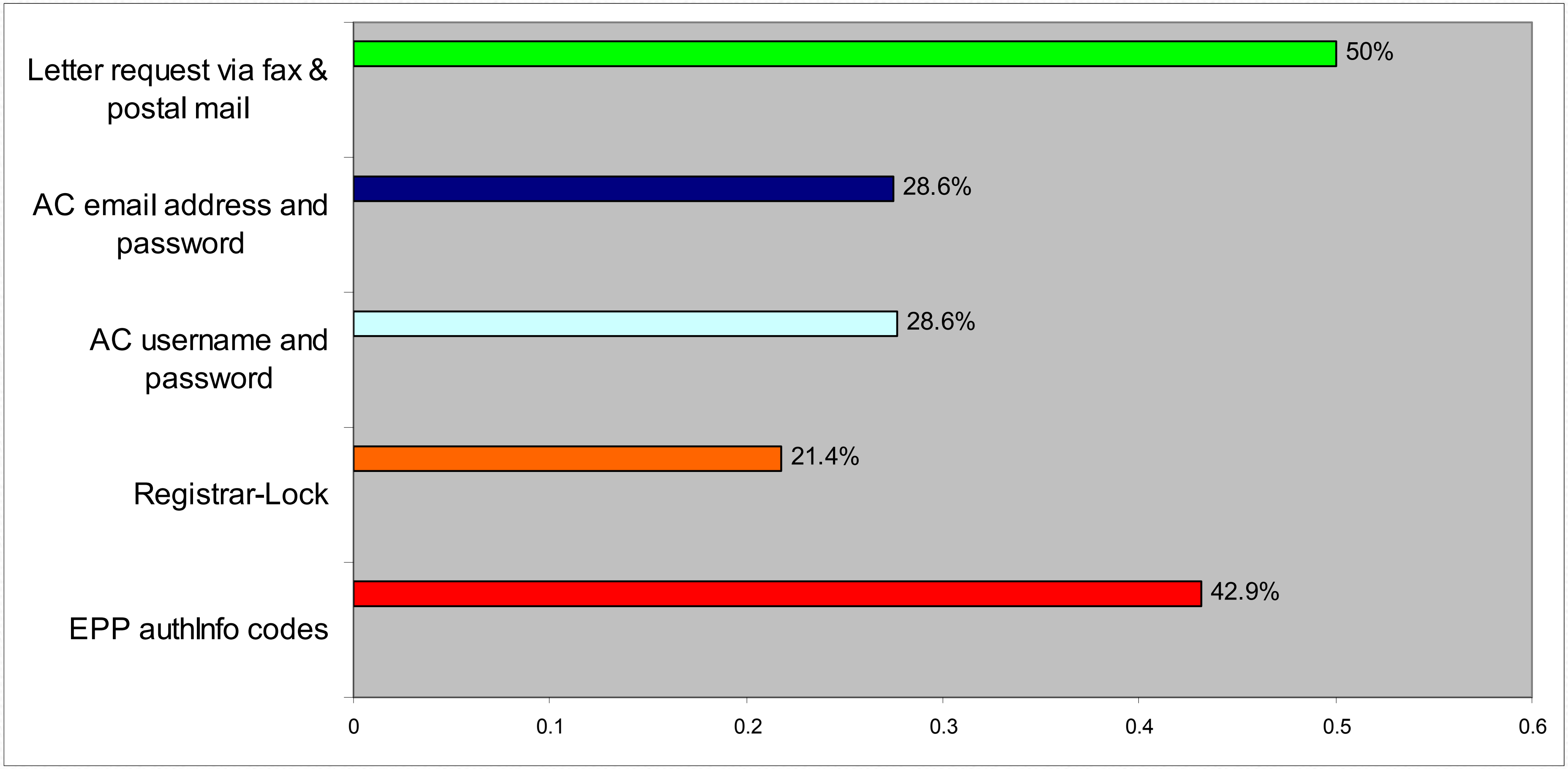

Q21

Has your ccTLD received any complaints from registrants that their DNS rrecords were used for fast flux activity?

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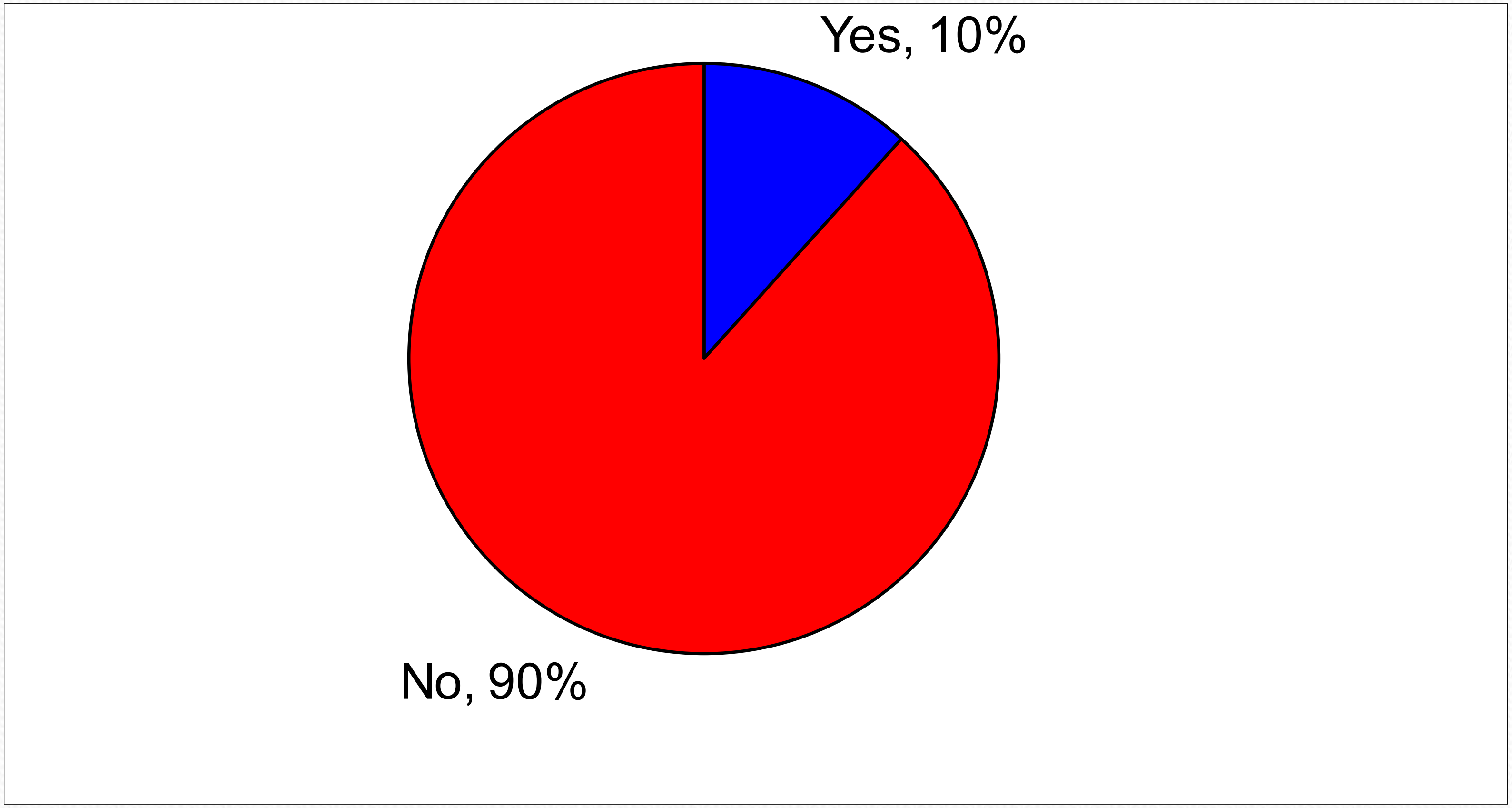

Q22

Which DNS resource Records were used for fast flux activity?

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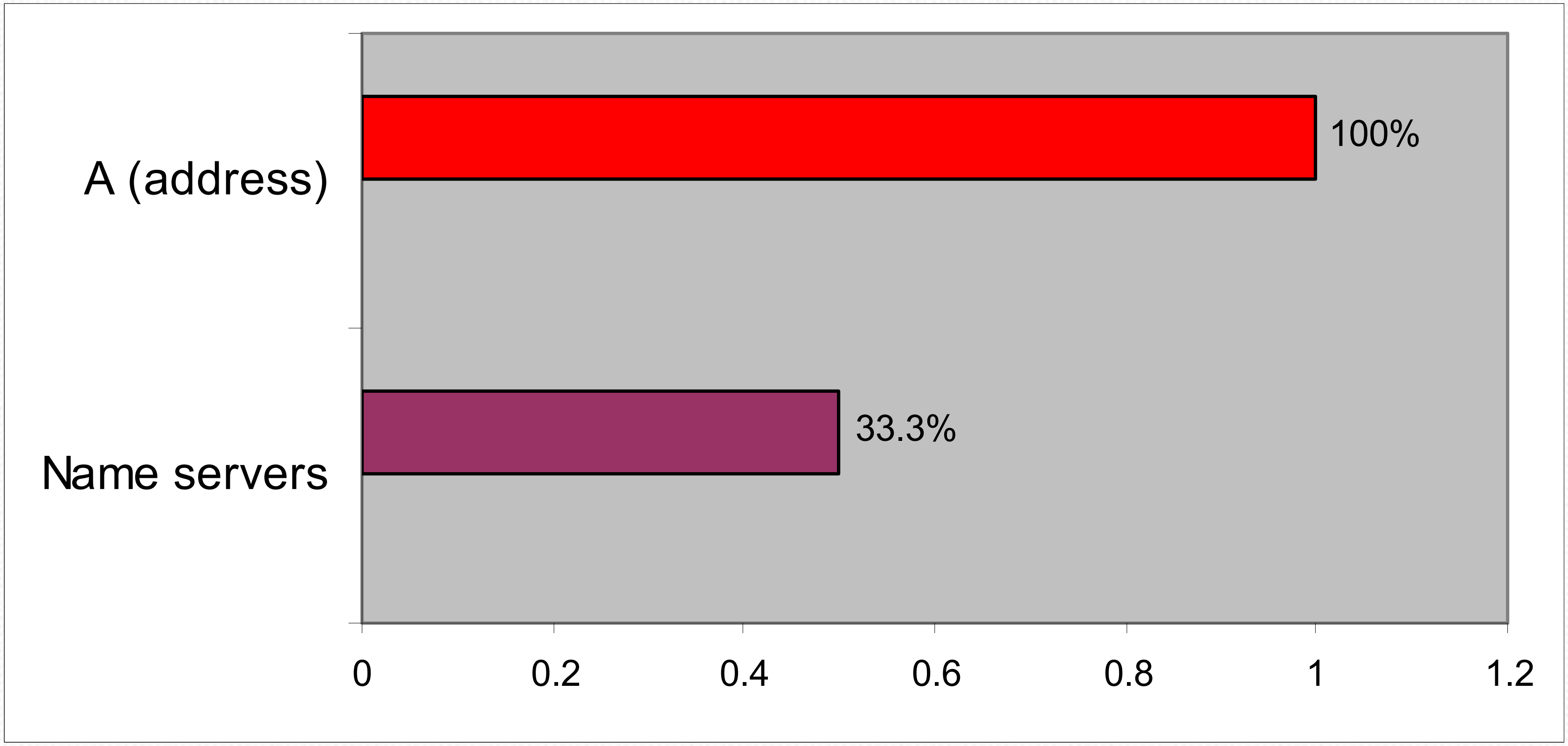

Q23

Has your ccTLD Domain names been used for phishing activity?

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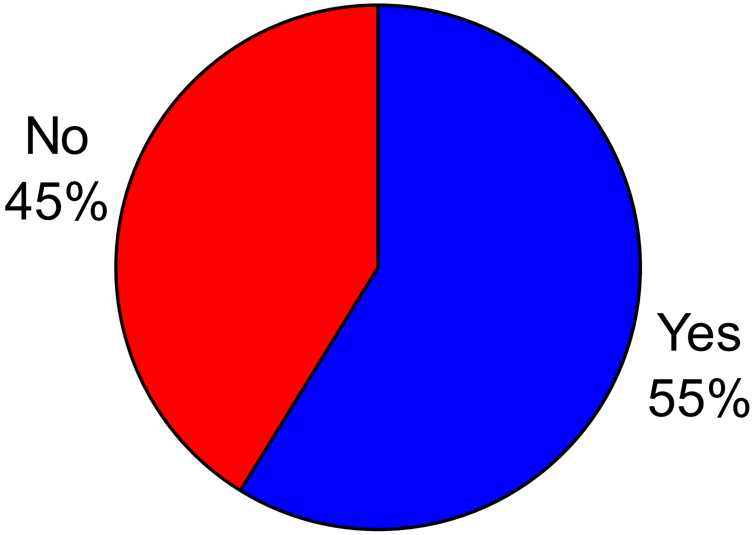

Q24

How is this phishing activity carried out?

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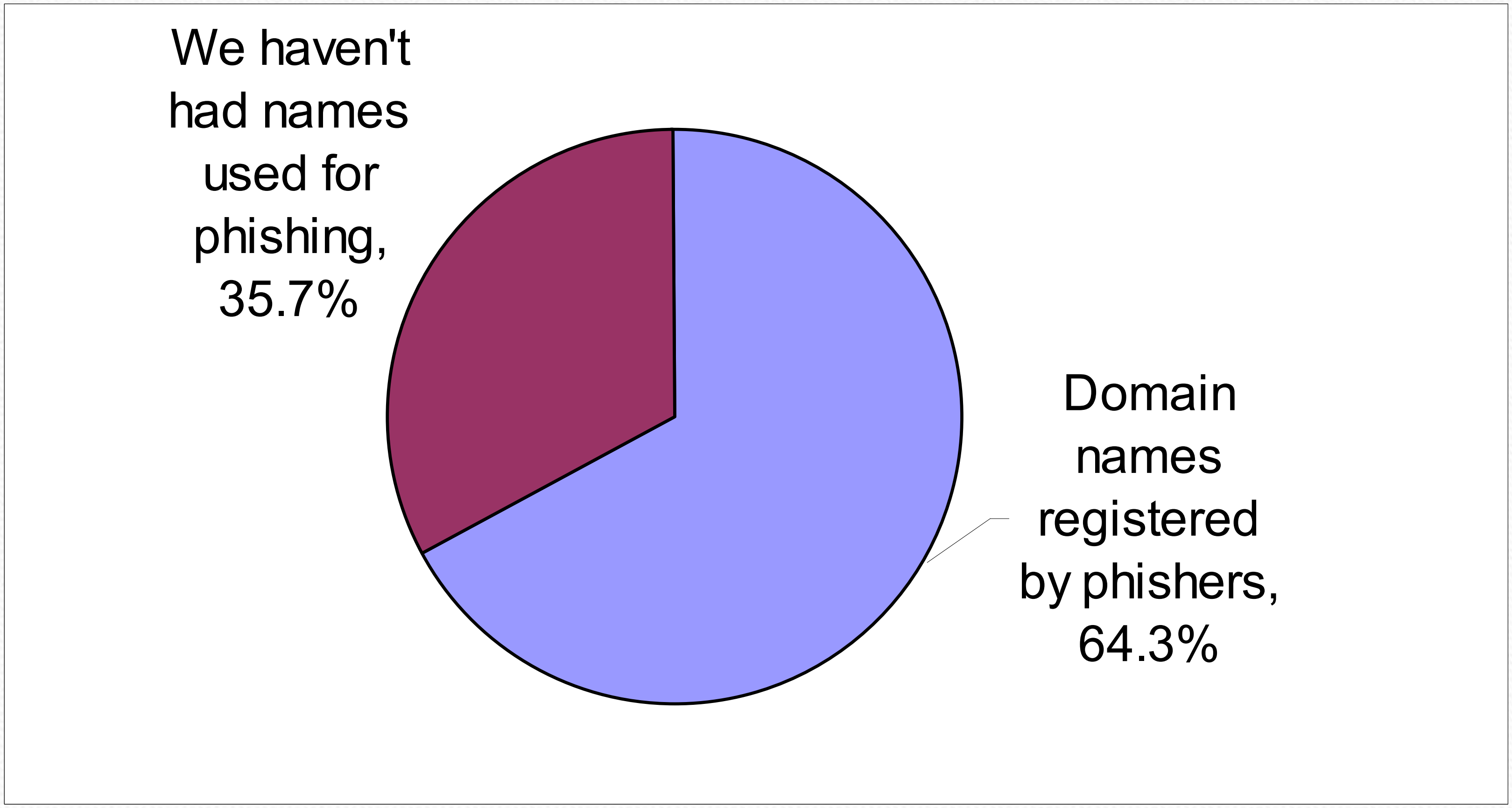

Q25

What forms of Domain Hijacking does your ccTLD registrants experience?

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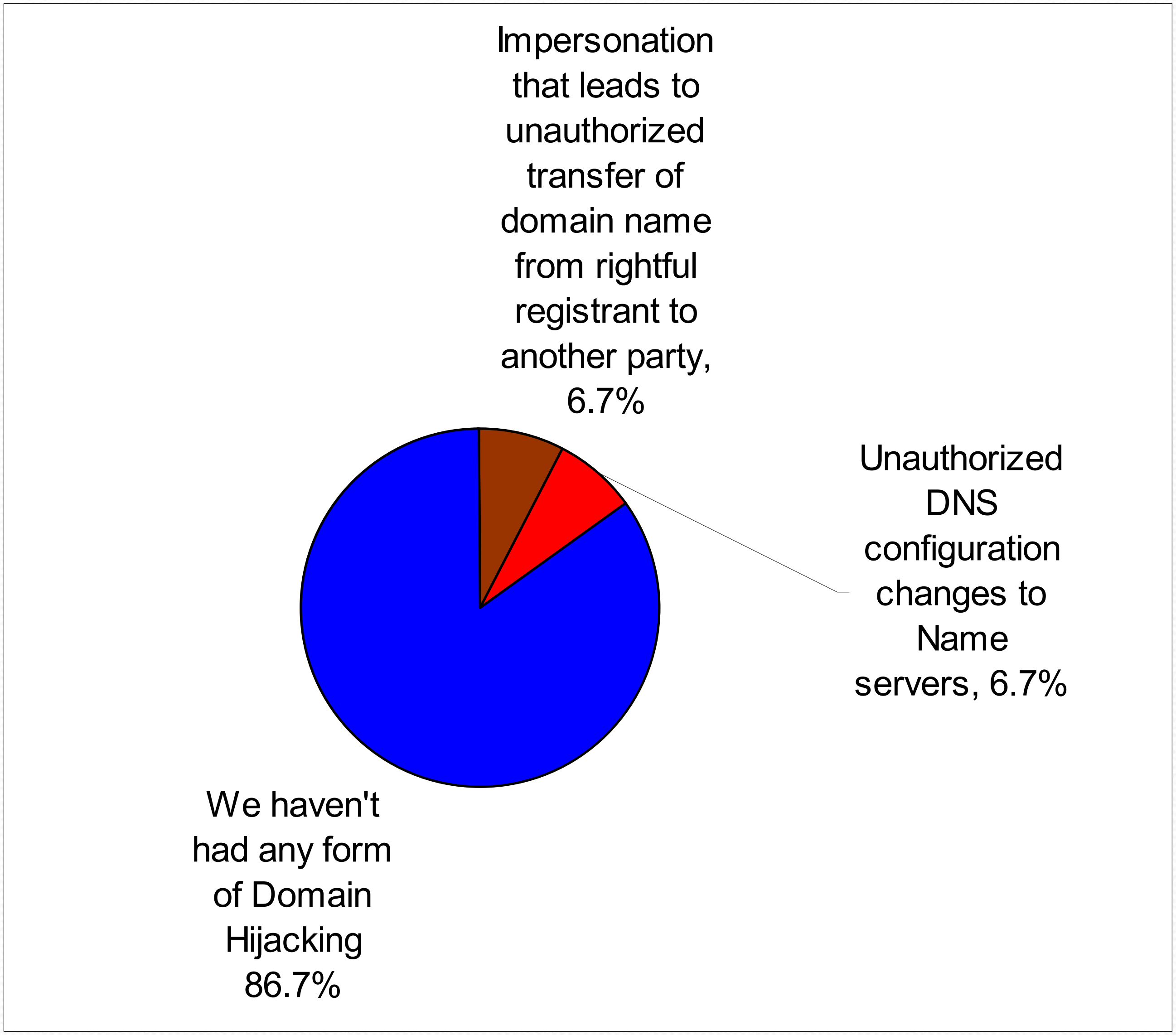

Q26

What action does your ccTLD take when complaint is directed to you?

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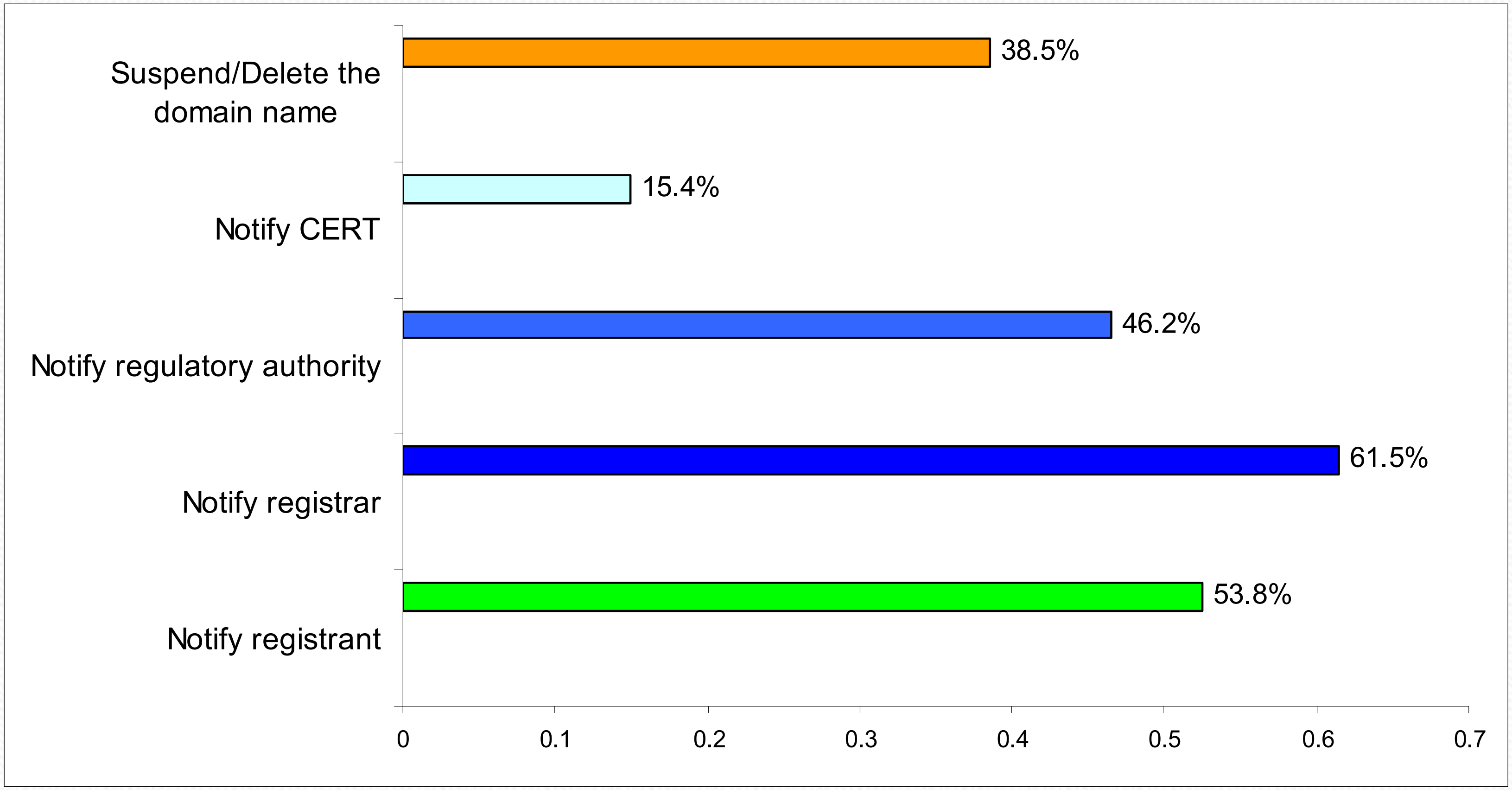

Q27

Who complains on the phishing activity to your ccTLD?

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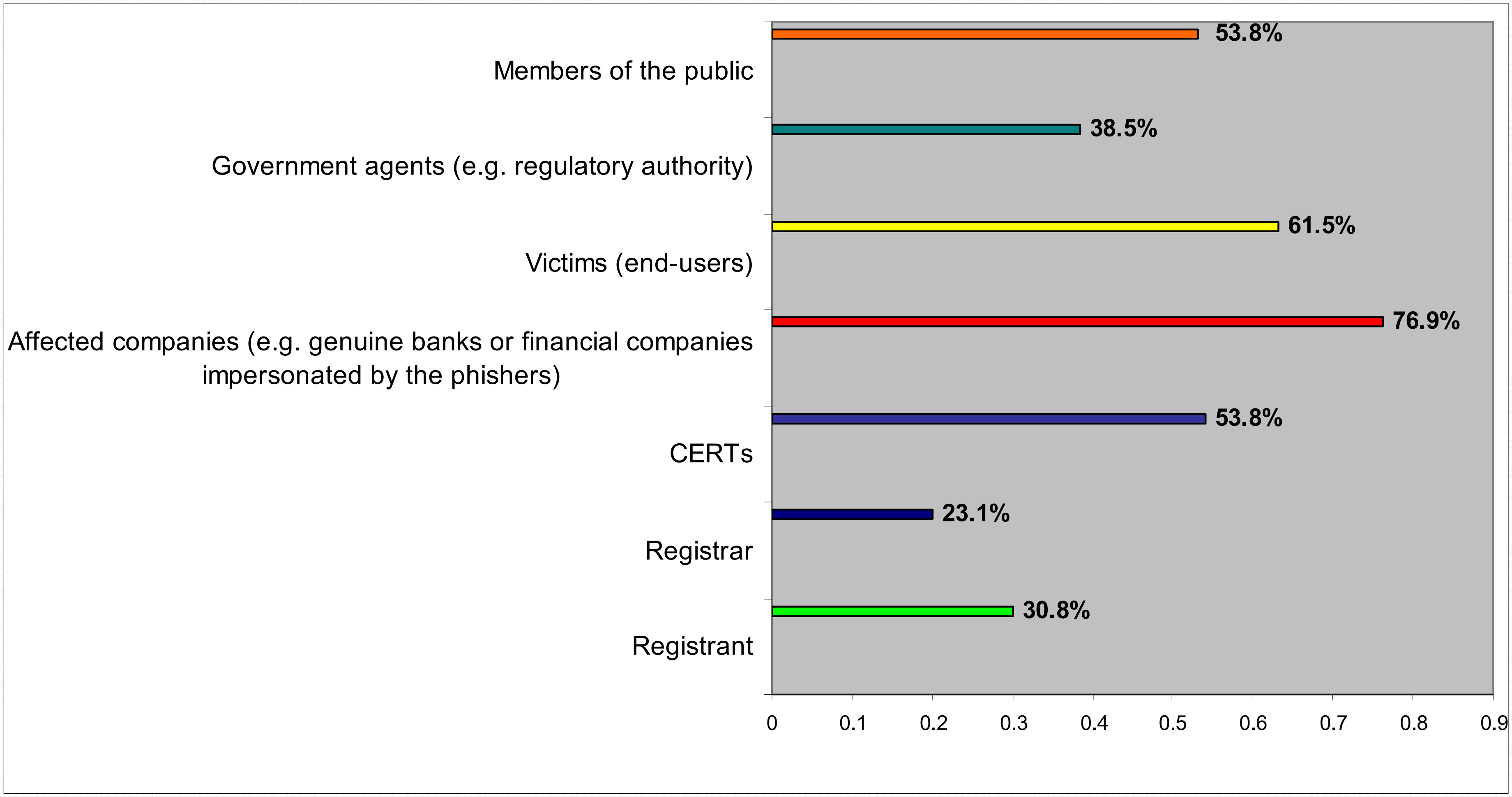

Q28

What is the type of phishing activity that your ccTLD domain names experience?

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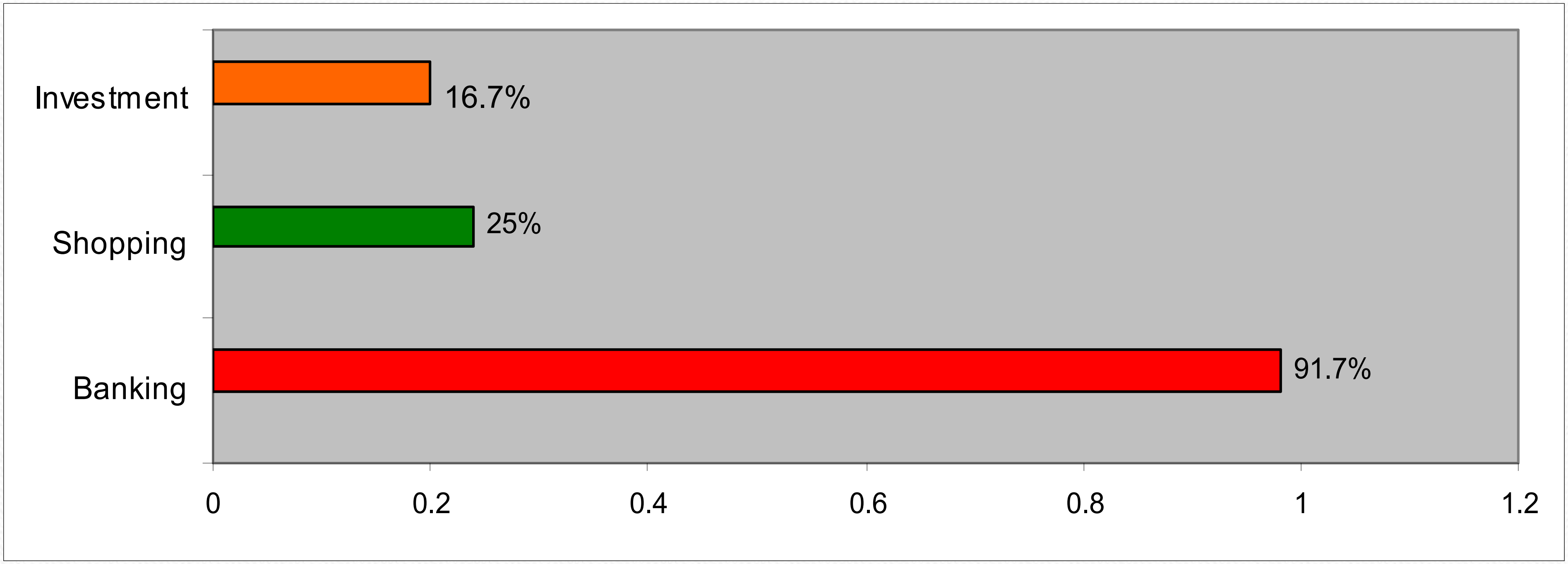

Q29

What are the patterns of domain name registrations used by phishers?

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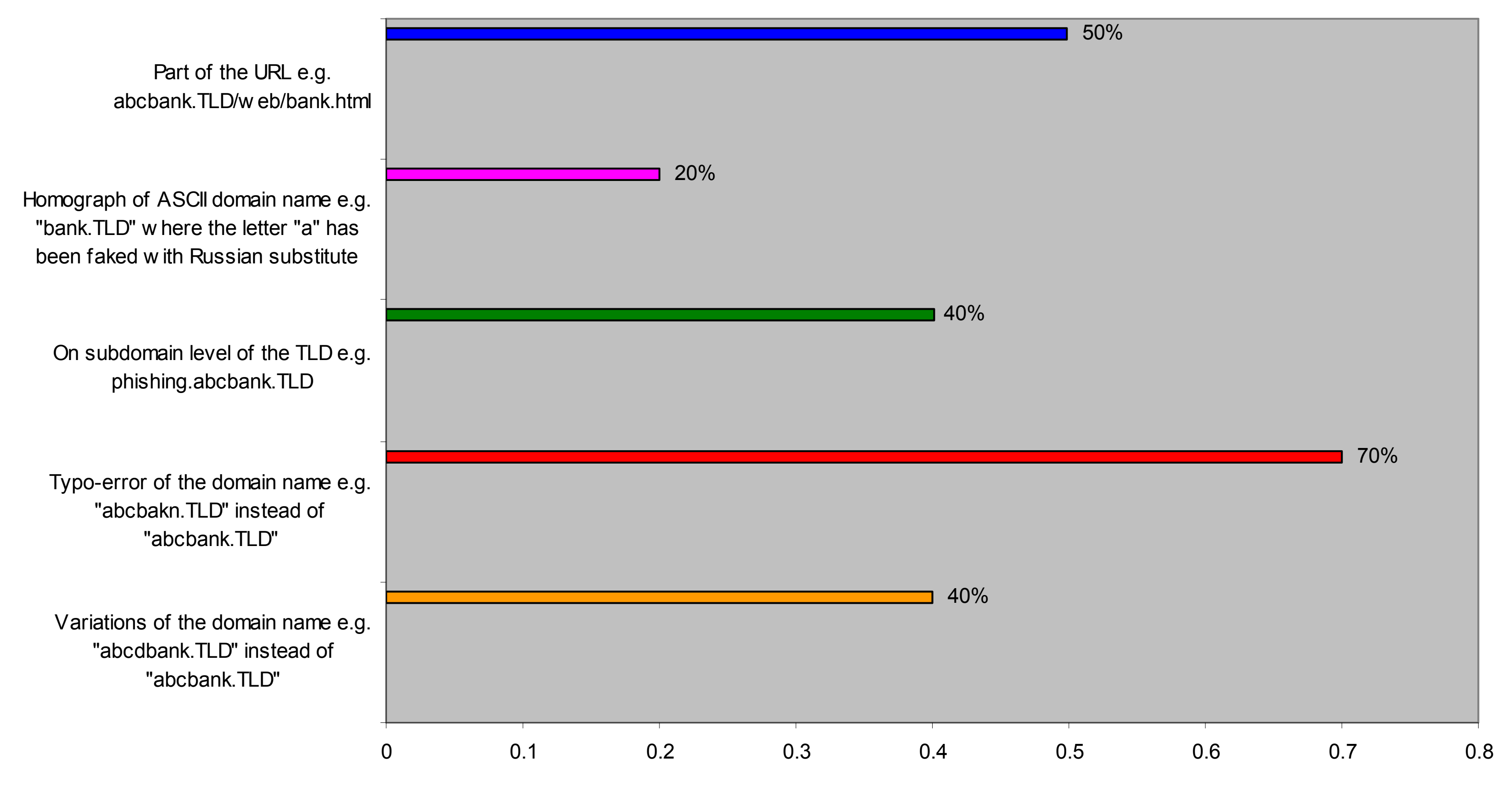

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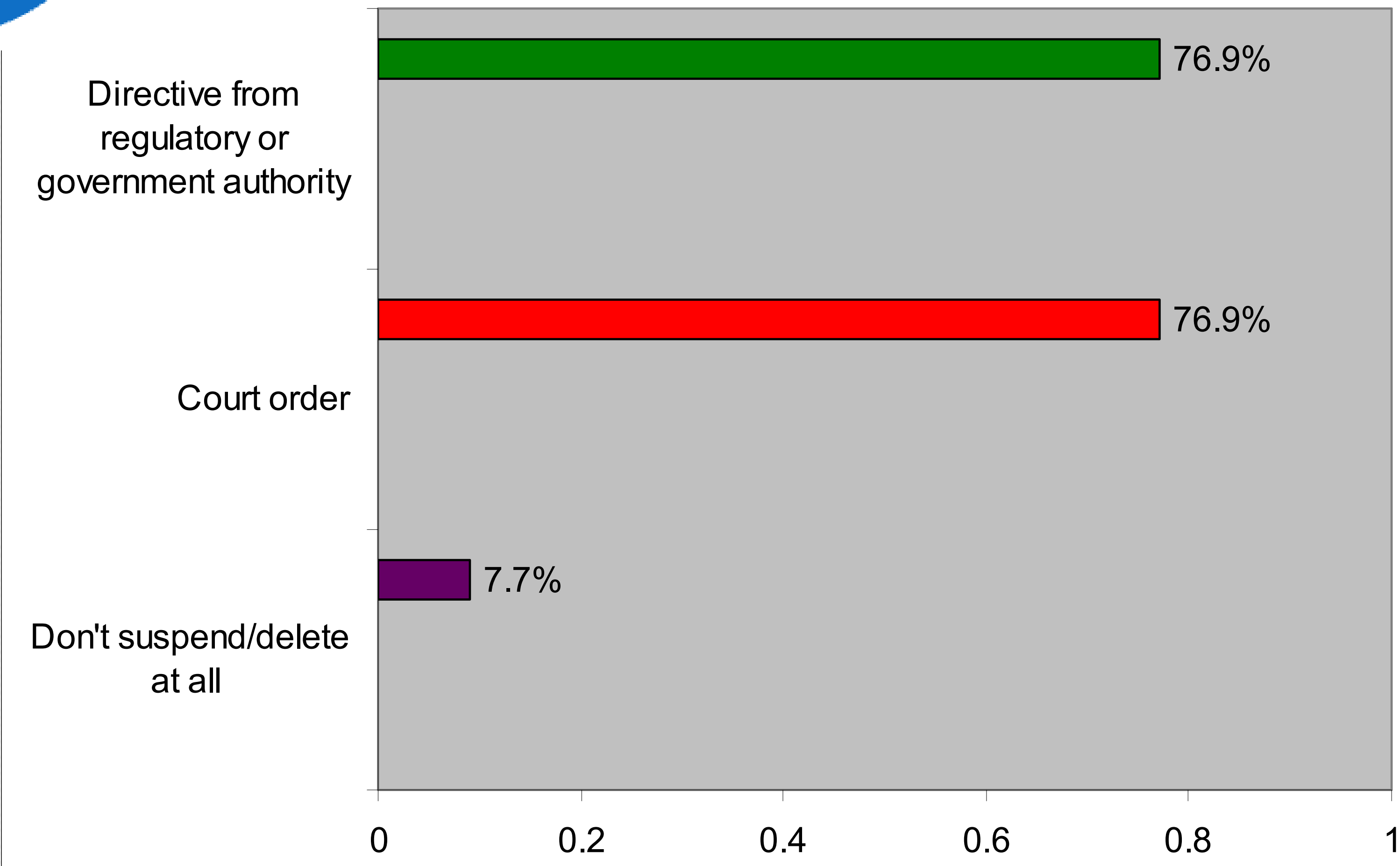
Q30

If you don't suspend/delete the domain name, on what basis would your ccTLD suspend or delete a domain name that's subject of a complaint on Phishing activity?



Q31

Do you feel that your ccTLD has a role in reducing phishing activity?

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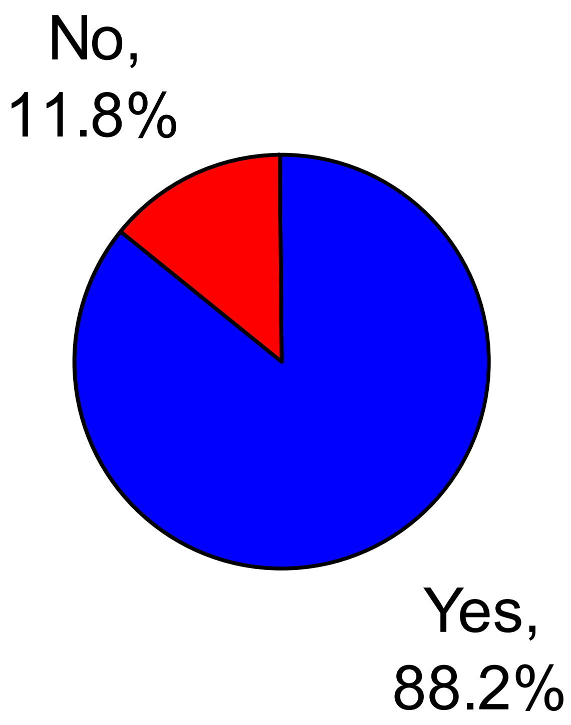

Q32

What can your ccTLD do to reduce phishing activity?

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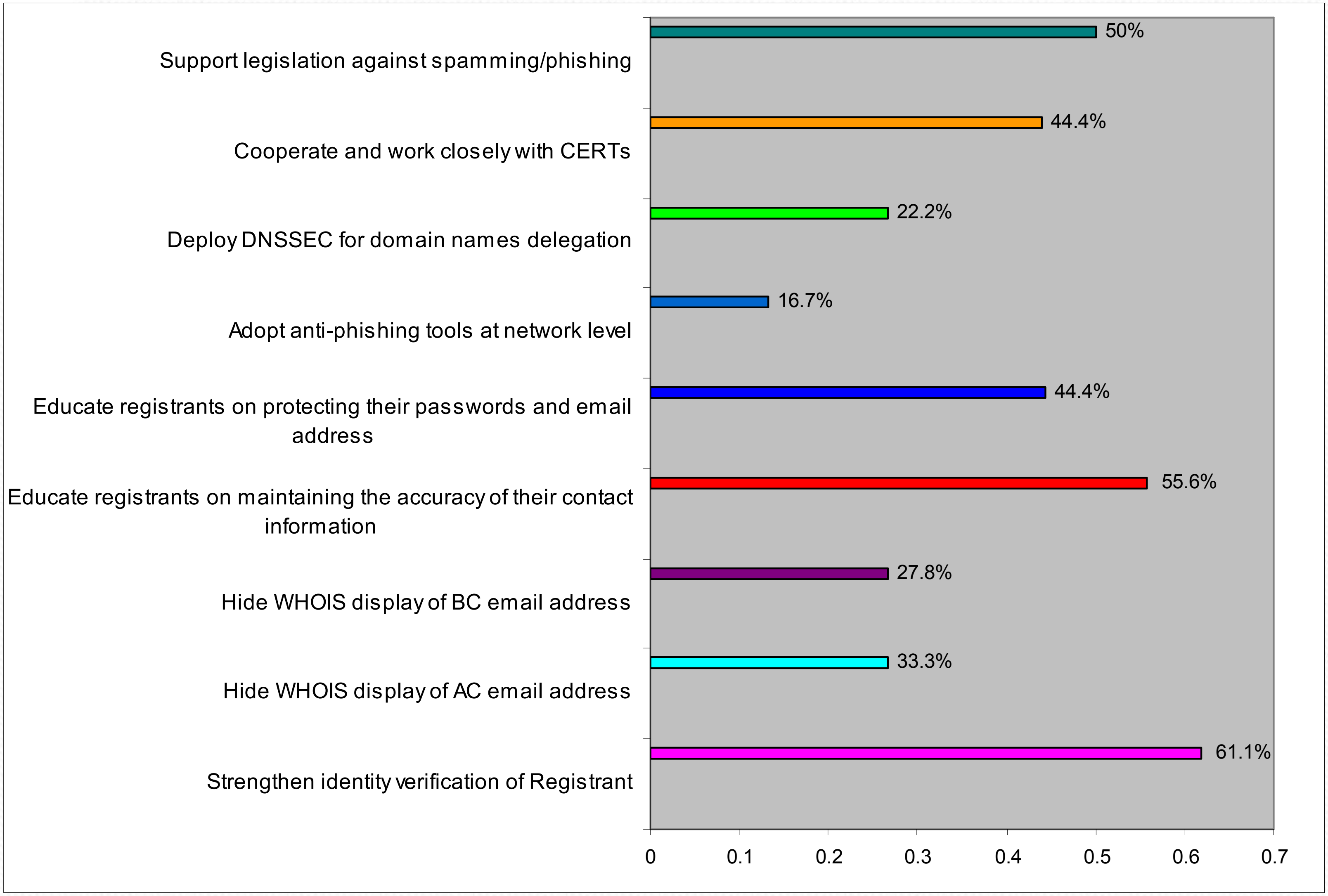
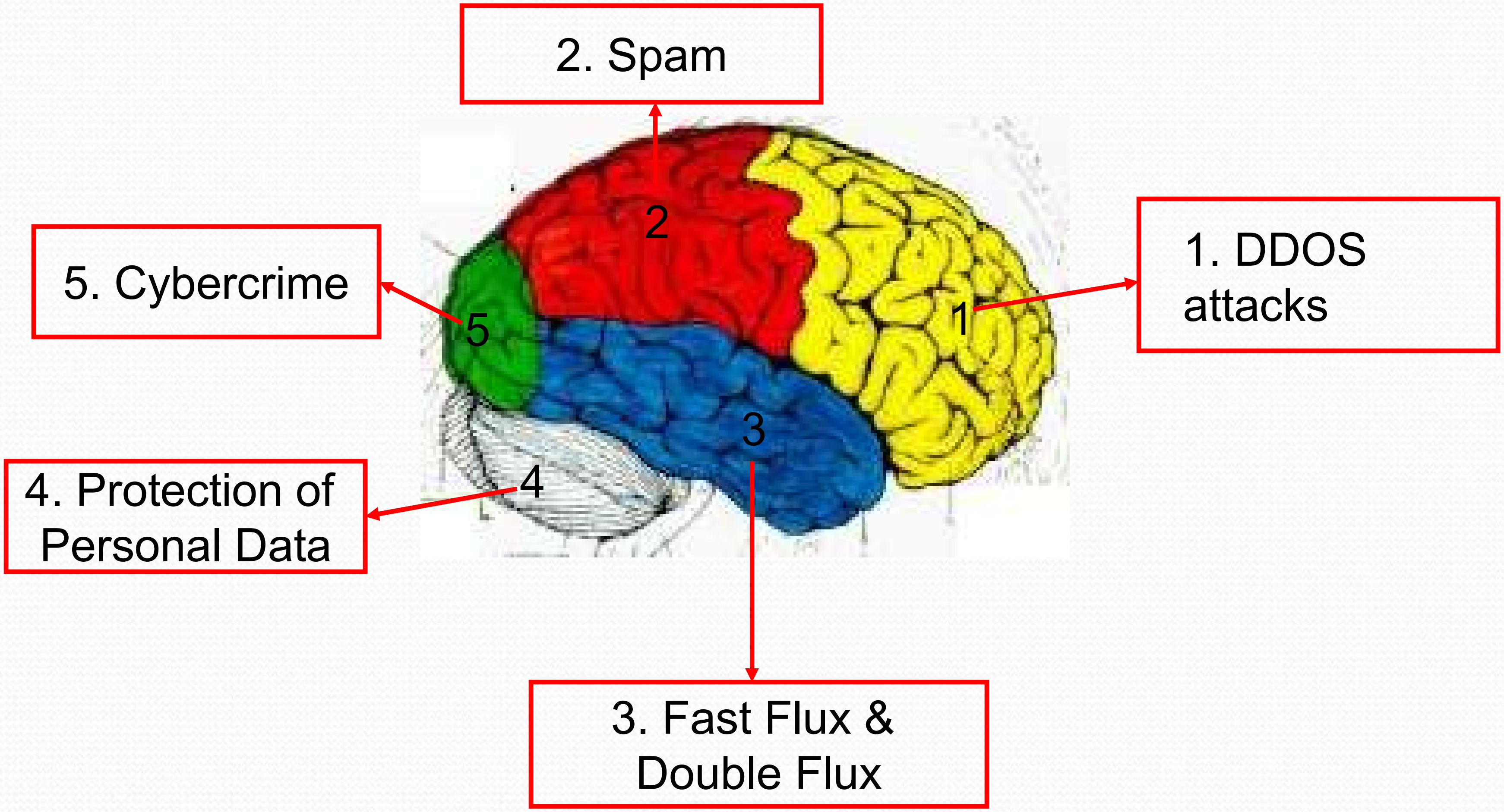


Conclusion:
Top 5 critical security issues in ccTLDs mind



2. Spam

5. Cybercrime

1. DDOS attacks

4. Protection of Personal Data

3. Fast Flux & Double Flux

22 RESPONDENTS FROM
19 APTLD MEMBERS
&
ccNSO for
Phishing survey

Presentation by MYNIC
Berhad