"Five C's" WHOIS validation model

SOCA
SERIOUS ORGANISED CRIME AGENCY

Score: one point per box	e-mail	Phone	Address	Name
Complete?	✓	✓	✓	✓
Correct?	RFC 5322	ITU-T E.123	UPU S 42	-
Consistent?	[1] Matches payment e-mail	IDD matches country	Country matches BIN	[1] Matches account holder
Check?	DNS & SMTP	Directory	[2] Account holder address	Directory or 3rd party
Confirm?	Validate e-mail	SMS or call	Validation letter	ID check

easy → hard

[1] Depends on the payment service provider (PSP) or merchant service provider (MSP) used
[2] PSP/MSPs can generally verify a postal code against a payment card; alternatively a directory check is acceptable here

Features

- Validate WI like payment data
- Risk-based scoring system
- Consistent with existing RAA's
- Open: published metric

Benefits

- No increased cost (overhead) to registrar
- No increased burden on customer
- Flexible for registrars and customers
- Rewards innovation
- Compatible with European data protection law and ePrivacy directive
- Compatible with both channel and direct business models
- Compatible with third party payment services and MSP's
- Enables a scaled response – registrations just failing validation can be greylisted