



APTLD83

Session 7B –

**Technical: Automated Detection
of Malicious Registrations**

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CleanDNS.com

CleanDNS

Introduction



CleanDNS is Creating a Better, Safer Internet



400+ TOP LEVEL DOMAINS
PROTECTED



30M+ DOMAINS
PROTECTED



99% ACCURACY RATE



48 HRS TARGETED TIME
FROM REPORT TO
SUSPENSION

Agenda



Current Practices



Workflow to Achieve
Groundwork for Policy-Driven
Automated Detection



Strengths & Weaknesses in
Automated Detection



Examples of Current Practices to Stop Bad Registrations

Credit card validation against fraud systems

Cross reference provided citizenship verification via database

Known source IP address tied to fraud

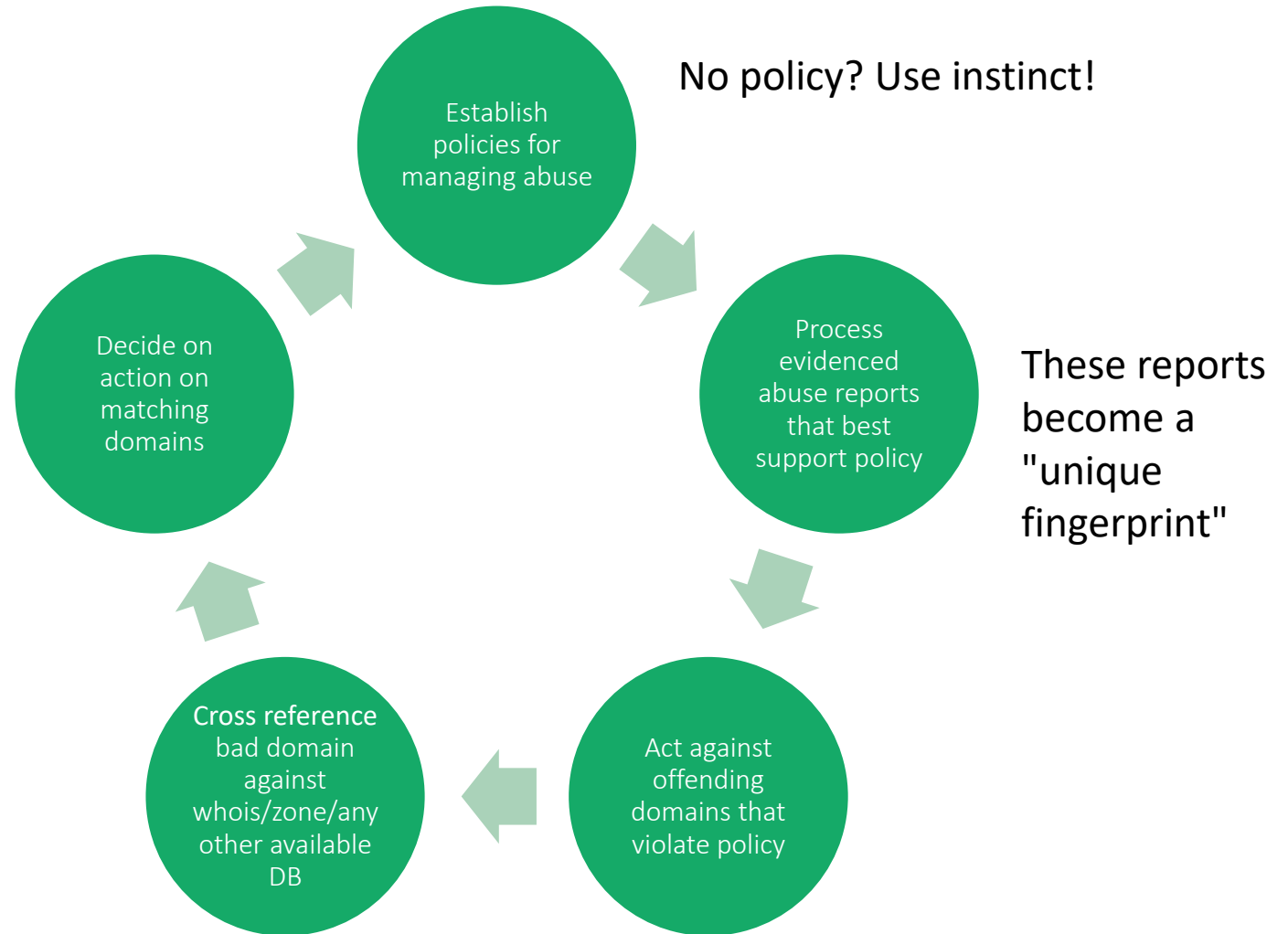
Single sign-on in lieu of username and password

Workflow to Achieve Groundwork for Policy-Driven Automated Detection



✓ Use your existing registration records and abuse history to identify patterns and prevent future abusive registrations.

✓ This process can take time!



Summary

Pros:

- ✓ Save time and address abuse issues faster
- ✓ Ensure compliance with policy and other requirements
- ✓ Enhance your reputation and quality of your portfolio

Cons:

- ! It can backfire if not implemented and monitored with caution
- ! Unreliable abuse sources can lead to high number of appeals and additional workload

Recommendations:

- ✓ Be selective in your choice of trusted advisors & abuse sources
- ✓ Do not be overzealous with automated blocking as it can lead to dissatisfied registrars & registrants.



Thank you!

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