DNS Based OSINT Techniques for Product and Service Discovery

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whoami

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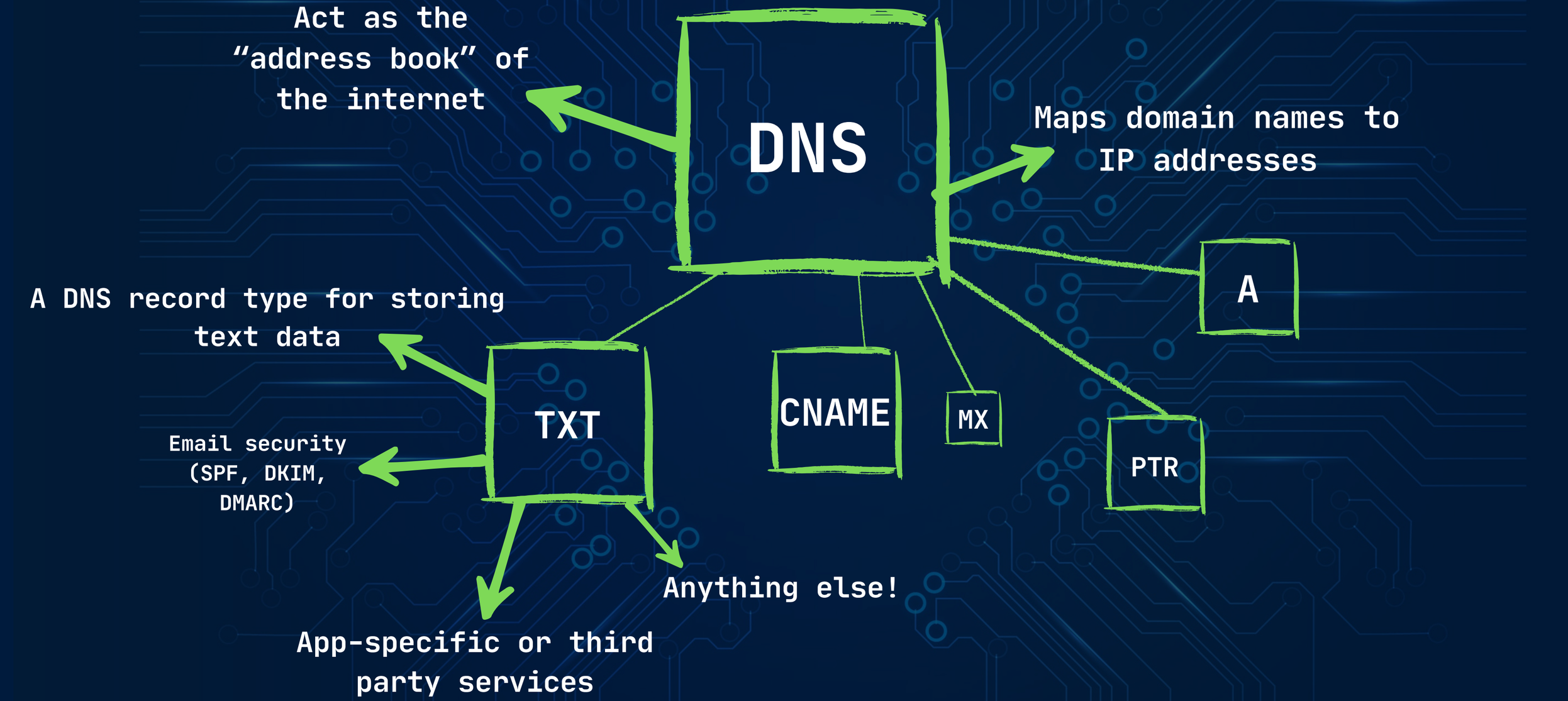
The Realm of DNS Records



Example TXT Records

```
> echo adobe.com | dnsx -txt -re -silent

adobe.com [TXT] [openai-domain-verification=dv-xsmu3zewiau4l5v23bd1l0ts]
adobe.com [TXT] [_globalsign-domain-verification=lnj0izgjup0bosg71asjuwlkcoksamz2emkst9_cus]
adobe.com [TXT] [atlassian-domain-verification=9uyxhbbyogbk9b1ain6fhelo/cg08ihvd7rwduadq8ivehyffecc6gtaxw3kwshw]
adobe.com [TXT] [google-site-verification=iwlts5bv60rglzcktgxcltsunlb9ct_09-pevxid2o8]
adobe.com [TXT] [cisco-ci-domain-verification=6e22d6f101dd96dc12fabfe843ff4e6748b9f7a89af1ff342476b923f01e4292]
adobe.com [TXT] [drift-domain-verification=502160a86dc2f7411dec54f019b785a7010eb9f38a6152011c1be40b89f68e9b]
```

Salesloft Drift Supply Chain Attack

- Salesloft Drift was breached in August / September
- Exploited stolen OAuth tokens from Salesloft's Drift app were used to access and steal Salesloft data
- Over 700 companies were breached (Cloudflare, Workday, Elastic)

Salesloft Drift Detection via TXT Records

```
~ → cat input.txt | dnsx -silent -txt -re | grep "drift"
adobe.com [TXT] [drift-domain-verification=ce77053dc2d9b73c71437d5afda3b6d06fbc34a1b0e4527fe81c55e0d99ca4b4]
workday.com [TXT] [drift-domain-verification=c27c30cb5d3220cb0eb600eb65e1e6cec4f6d879afcce75a77d530854d500d00]
cloudflare.com [TXT] [drift-domain-verification=f037808a26ae8b25bc13b1f1f2b4c3e0f78c03e67f24cefdd4ec520efa8e719f]
netapp.com [TXT] [drift-domain-verification=52b9f655153f557dfa494e77ee44158246fd173da5fe107a371597dffa3de06a]
```

Why is this important?

- Prioritise threat hunting
- Assess third-party risk by understanding shared supply chain exposure
- Accelerate incident response through proactive detection

How do I run this myself?

Amass

In-depth attack surface mapping and asset discovery framework

Amass

OWASP©

Nuclei

Fast, community-driven vulnerability scanning tool

Demo