



Responsible Integration of Domain Names

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W3C AC 2024

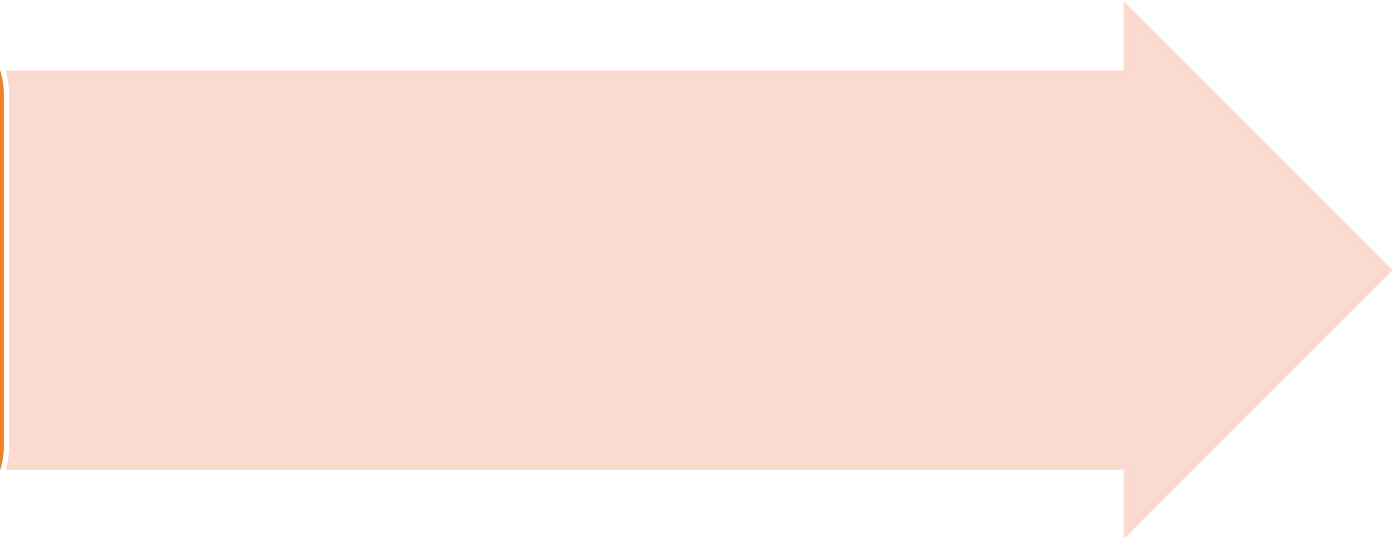
April 9, 2024

Agenda

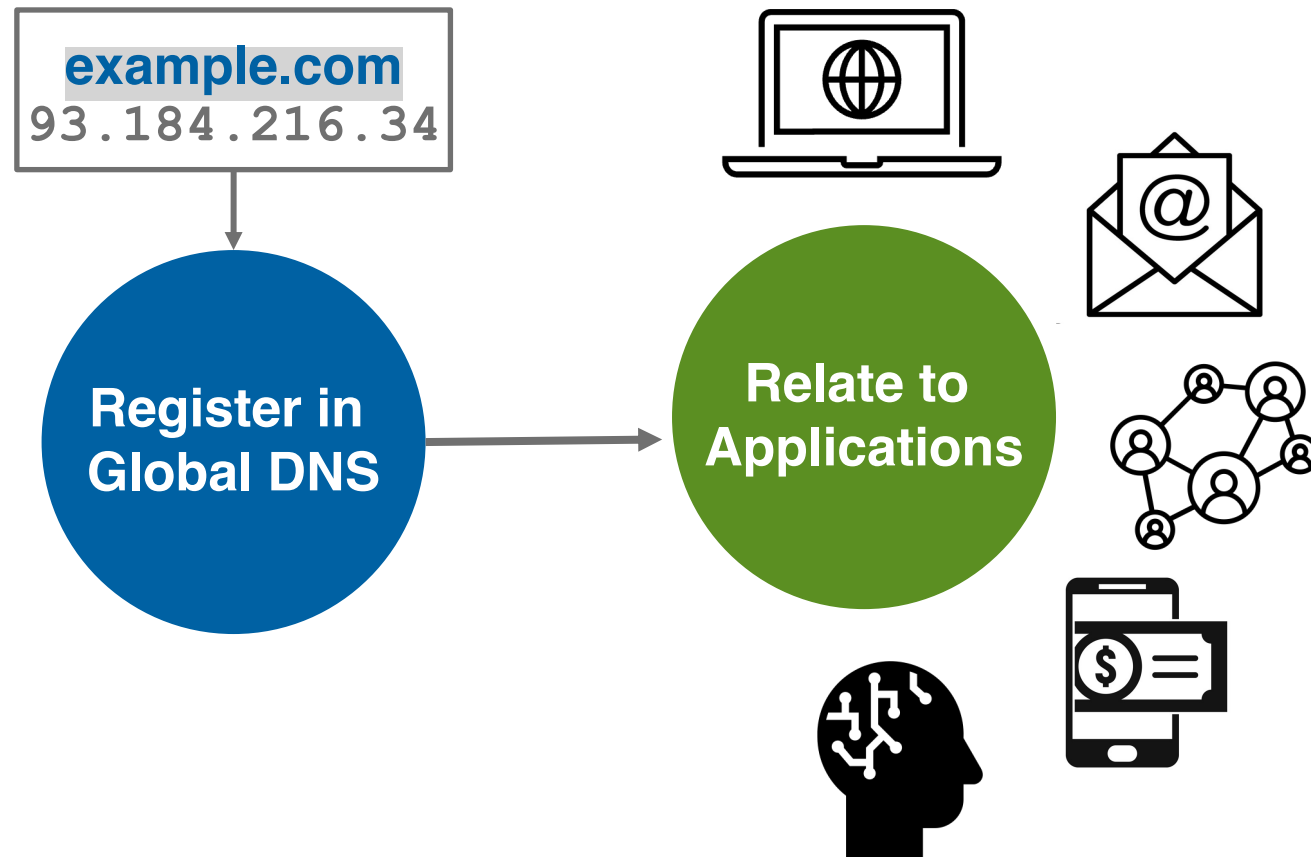
Domain Names:
User-Friendly
Identifiers



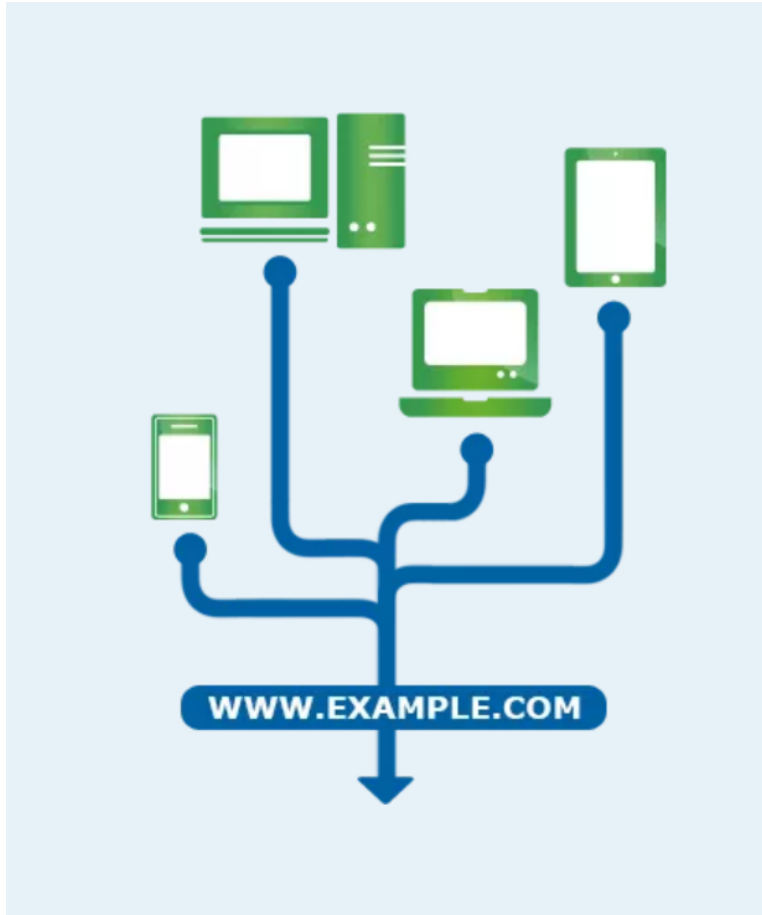
Responsible DNS
Integration



Domain names are user-friendly identifiers that can relate to many applications



Value proposition of DNS Domain Names



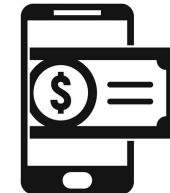
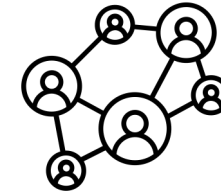
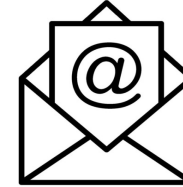
- Globally unique
- Multistakeholder governance model
- Major browser support
- Broad and growing set of use cases

Responsible DNS Integration Defined



Considerations for Responsible DNS Integrations

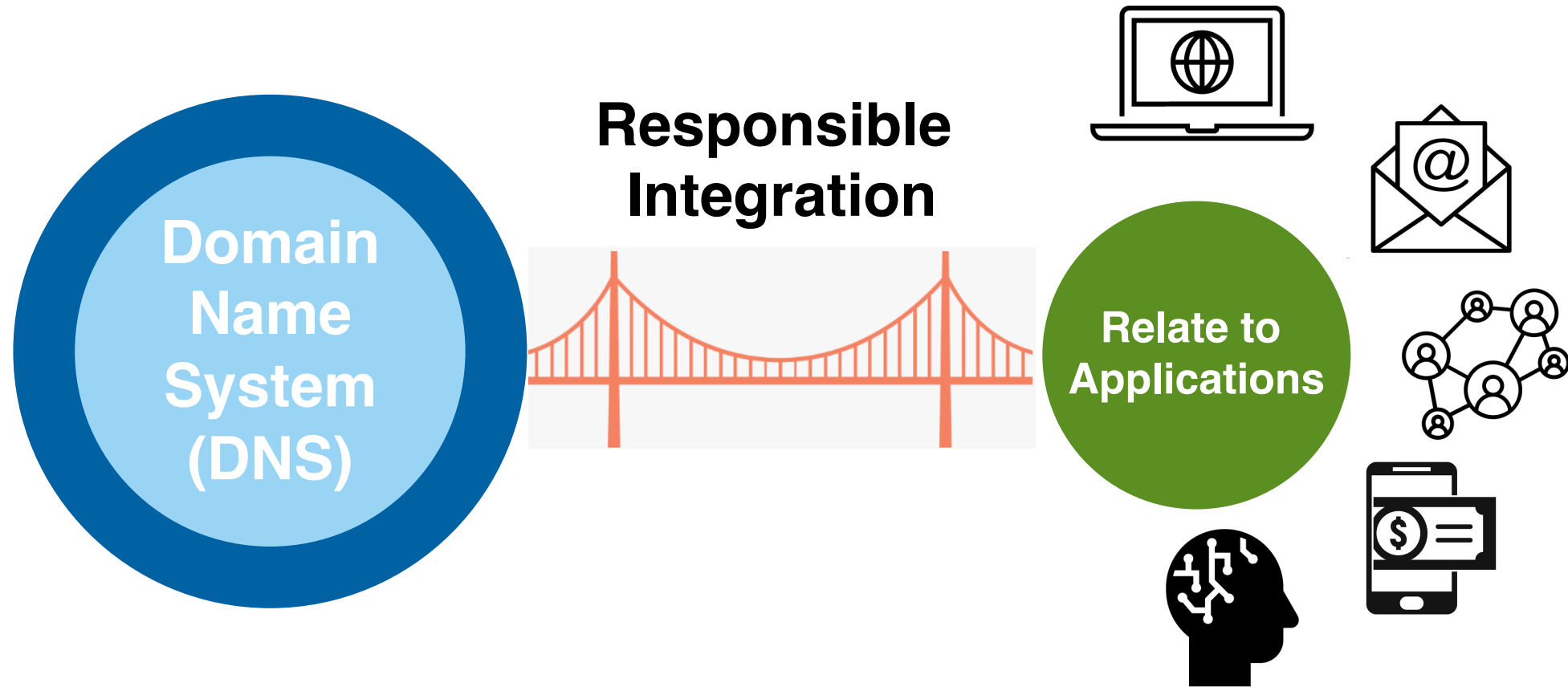
- **Control**
- **Domain Lifecycle**
- **Alignment**
- **Utility**



Verisign Materials on Responsible DNS Integration

Venue	Title	References
ICANN DNS Symposium 2023 (IDS)	Bridging Perspectives: Understanding the Challenges and Opportunities in Current DNS Integration	Video , Slides
Applied Networking Research Workshop 2023 (ANRW)	Call for Collaboration: DNS Integrations	Video , Slides , Paper
DNIB.com Article	Traditional Domain Names, New Environments: Integrating into Blockchains and Beyond	Article
Registration Operations Workshop 12 (ROW)	Responsible Integration into Blockchain Namespaces: Considerations for DNS TLD Operators	Video , Slides
DNS and Internet Naming Research Directions Workshop 2023 (DINR)	Measuring DNS Integrations into Blockchain Namespaces	Slides , Paper
ICANN DNS Symposium 2022 (IDS)	Diversifying Beyond the Traditional DNS Ecosystem: Responsible Integration into Blockchain Namespaces	Video , Slides

Toward Standards and Best Practices





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