



ironDNS<sup>®</sup> Presentation at  
ICANN Meeting Dakar, Oct 2011



## Agenda ccNSO TechDay

1. ironDNS<sup>®</sup> Funds Programm  
for Registries in Emerging  
Markets
2. DNSSEC made easy

# Sponsor Program for Emerging Markets

What is ironDNS®?

- A leading DNS service
- Completely new and entirely independent name server software
- Robust to ward off future threats
- Supplement to existing name server infrastructures

# Sponsor Program for Emerging Markets

What is the goal of the program?

- Make the advantages available to Registries that currently do not have the financial resources to pay for such a high-class service.

# Sponsor Program for Emerging Markets

What is in your free package?

- One **anycast** cloud with 5 nodes
- **IPv4 and IPv6** addresses
- **Provisioning** through a SOAP interface or AXFR/IXFR with TSIG
- **DNSSEC** engine, if ironDNS® is supposed to sign the zone

# Sponsor Program for Emerging Markets

Who can apply?

- You are a **ccTLD** Registry
- You are a **nonprofit organization**
- You have **less than 100,000** delegations
- You are from a **non-OECD** country

# Sponsor Program for Emerging Markets

How to apply?

- Unbureaucratic process
- Contact me ;-)

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1. ironDNS<sup>®</sup> Funds Programm  
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Markets
2. **DNSSEC made easy**

## DNSSEC made easy

### Initial Situation without signing the zone

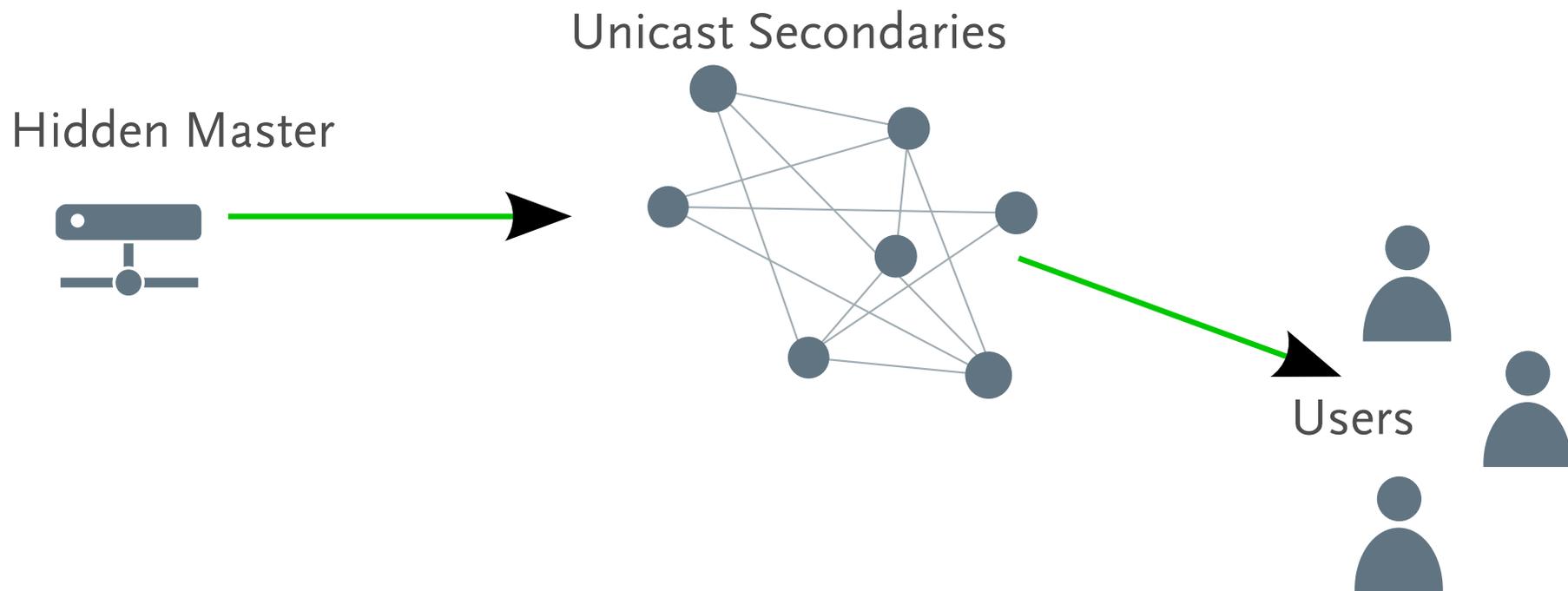
- You have a hidden master
- It feeds your secondaries

### New Situation with DNSSEC

- You have a hidden master
- It feeds ironDNS
- ironDNS engine signs the zone
- ironDNS provisions all secondaries

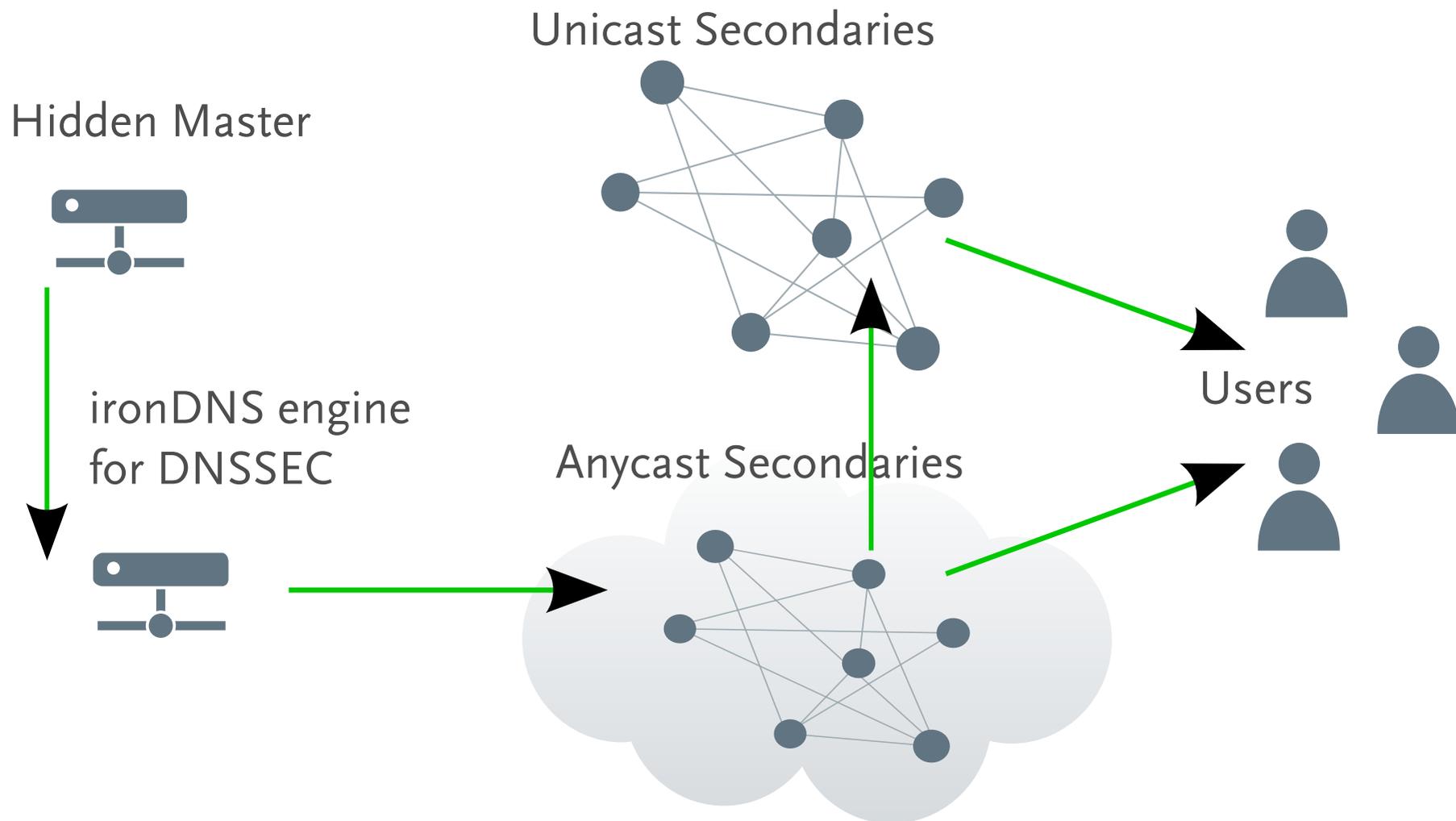
# DNSSEC made easy

## Initial Situation without signing the zone



# DNSSEC made easy

## New Situation with DNSSEC



# DNSSEC made easy

## Online Demo: Control Panel

