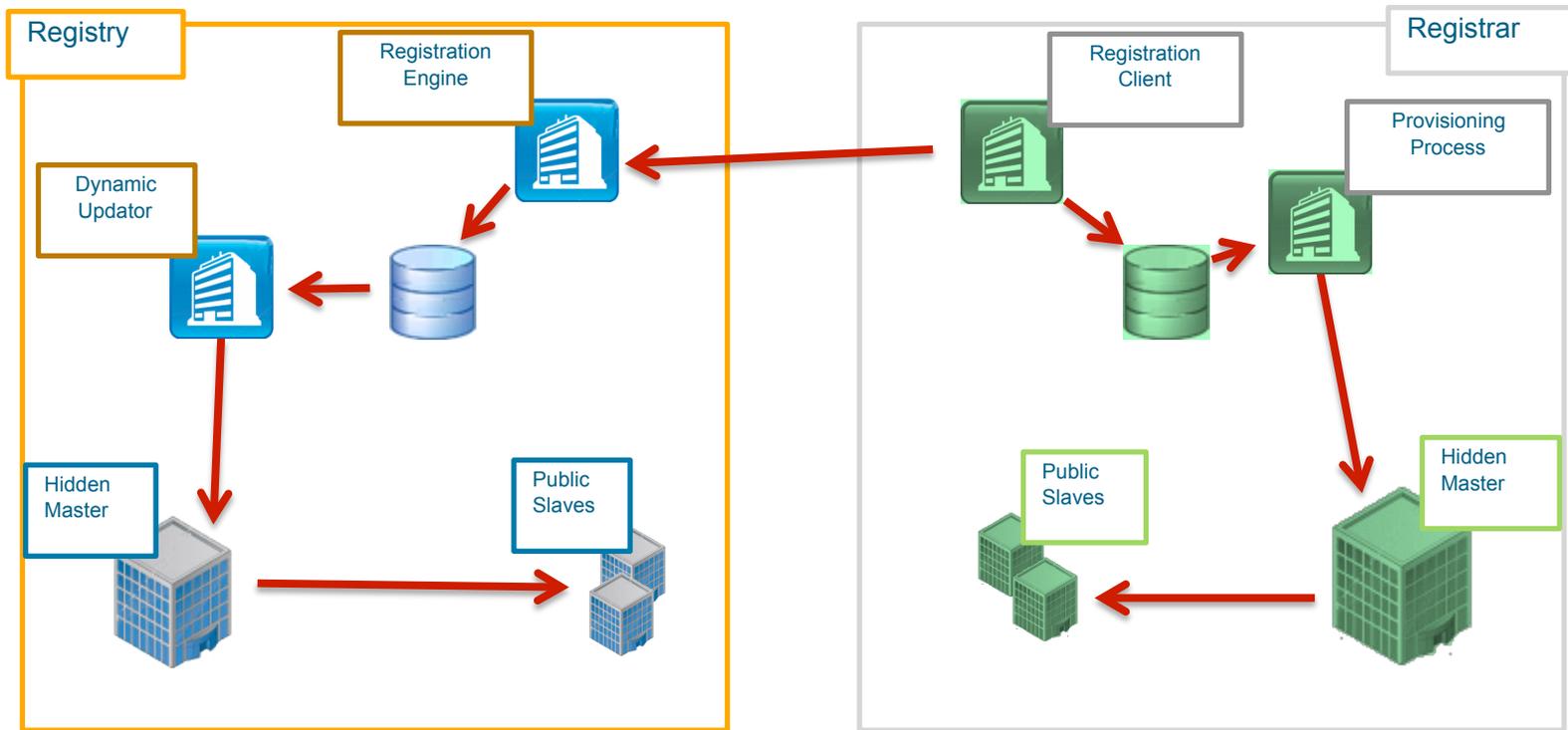




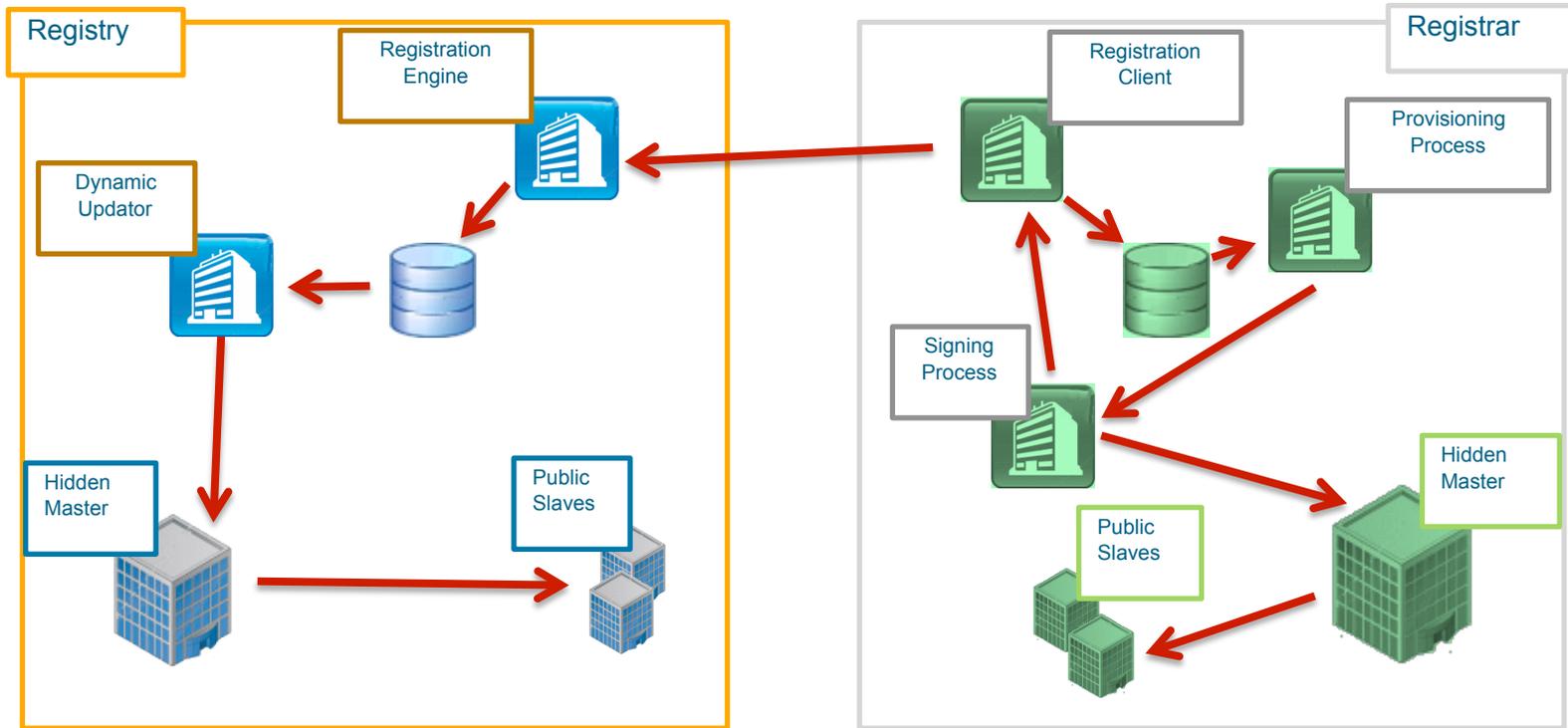
# EURid DNSSEC Signing Services

Peter Janssen  
ICANN San Francisco Meeting  
DNSSEC Workshop, 16 March 2011

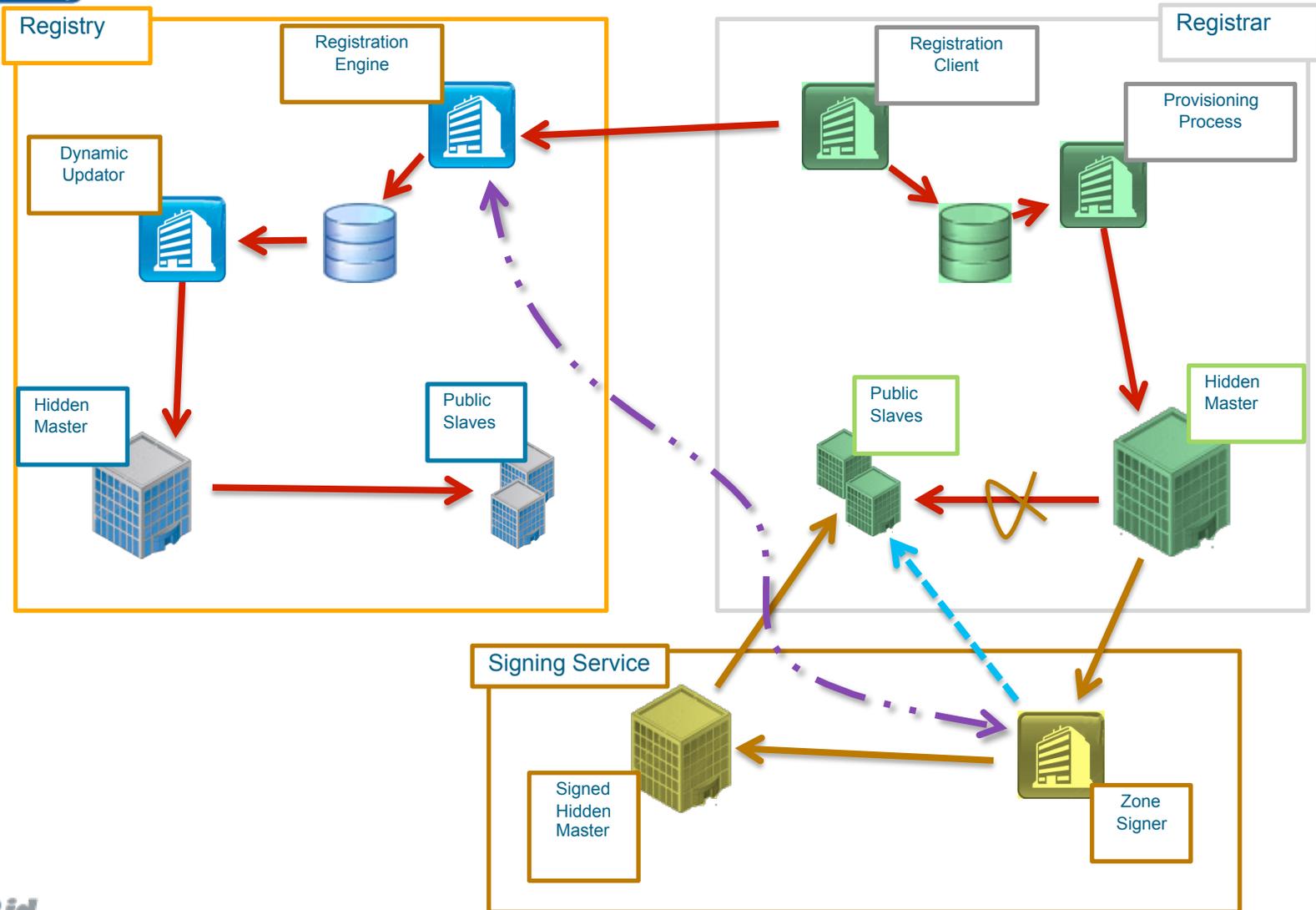
# Registry – Registrar “Setup”



# “Adding” DNSSEC



# EURid DNSSEC Signing Service : Overview



- Reduce need for increased resources
  - **Human resources (learning curve, administration, ...)**
  - **Hardware**
- Minimize changes to Registrar *infrastructure*
  - **DNS platform**
  - **Registration platform**
- Automate
  - **DNS platform**
  - **Registration platform**
- Secure
- Standards based

- During Domain name registration, Registrar provides :
  - **Flag Domain Name to enter Signing Service System**
  - **Registrar Hidden Master**
    - IP address
    - TSIG to be used for AXFR
  - **Registrar Public Slaves**
    - IP addresses
    - TSIG to be used for AXFR
- Signing Service System takes “control”



## EURid DNSSEC Signing Service : Status

- .eu is signed since September 2010
- Currently in a “Proof Of Concept” phase
  - **Designing and building the system**
  - **Deploy in life .eu zone**
  - **Registrar involvement**
- Potential side results (products)
  - **EPP extension**
    - Provide necessary info for signing service to work
  - **DNSSEC Delegated Key Management interface**
    - Registrant (DNS hoster) directly manages DNSSEC keys with Registry
- Potential side results (rewards)
  - **Transfers with continuous DNSSEC enabled?**