hCLOUD DIRECTED EXCHANGE

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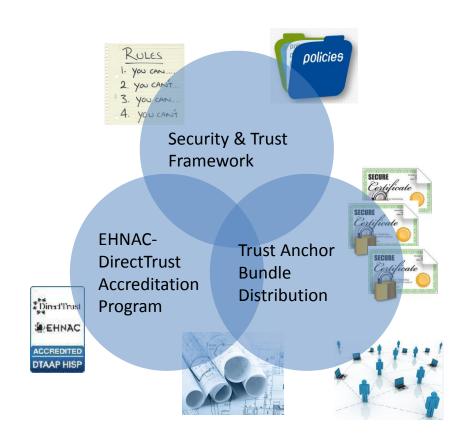Scott Rea, DigiCert
Andy Heeren, Cerner

Mission and Goals: DirectTrust

DirectTrust.org, Inc. (DirectTrust) is a voluntary, self-governing, non-profit trade alliance dedicated to the growth of Direct exchange at national scale, through the establishment of policies, interoperability requirements, and business practice requirements.

DirectTrust operates under a Cooperative Agreement with ONC to support its work of creating a national network of interoperable Direct exchange services providers.

Security & Trust Framework

EHNAC-DirectTrust Accreditation Program

Trust Anchor Bundle Distribution

DirectTrust Members

Putting the **I** in **HealthIT**
www.HealthIT.gov

Meaningful Use

- For Meaningful Use Stage 2, the ToC objective includes 3 measures:

  - **Measure #1: requires that a provider send a summary care record for <u>more than 50%</u> of transitions of care and referrals.**

  - **Measure #2 requires that a provider electronically transmit a summary care record for <u>more than 10%</u> of transitions of care and referrals using CEHRT or eHealth Exchange participant**

  - **Measure #3 requires at least one summary care record electronically transmitted to recipient with different EHR vendor or to CMS test EHR**

2014 Edition Certification

- **Two 2014 Edition EHR certification criteria**

  - **170.314(b)(1) : Transitions of care— receive, display, and incorporate transition of care/referral summaries.**

  - **170.314(b)(2) : Transitions of care— create and transmit transition of care/referral summaries.**

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DirectTrust: Accrediting Trusted Roles

- DTAAP: provides baseline set of standards for management and operations of HISPs, CAs and RAs within DirectTrust framework

- DTAAP entities: can be trusted by relying parties to operate per DirectTrust collective policies and processes

DirectTrust.org Trust Framework

HISPs:
Policy: Accredited HISP Operational Policy (HP)
Practices: HISP Practices Statement (HPS)
Accreditation: Verify HPS maps to HOP, Direct messaging compliance, HIPAA privacy/security attestation, Accredited CA, audit.

CAs:
Policy: Accredited Certificate Policy (CP)
Practices: Certification Practices Statement (CPS)
Accreditation: Verify CPS maps to Direct CP, certificate & CRL profile compliance, Accredited RA process, audit.
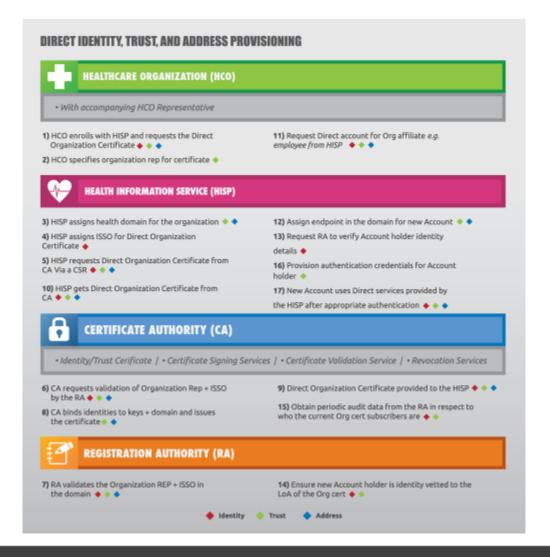
RAs:
Policy: Accredited Registration Policy (CP) or Certificate Policy
Practices: Registration Practices Statement (RPS)
Accreditation: Verify RPS maps to CPS or RP, audit.

Direct On-boarding Workflow

DIRECT IDENTITY, TRUST, AND ADDRESS PROVISIONING

HEALTHCARE ORGANIZATION (HCO)

• With accompanying HCO Representative

1) HCO enrolls with HISP and requests the Direct Organization Certificate ◆ ◆ ◆

2) HCO specifies organization rep for certificate ◆

11) Request Direct account for Org affiliate e.g. employee from HISP ◆ ◆ ◆

HEALTH INFORMATION SERVICE (HISP)

3) HISP assigns health domain for the organization ◆ ◆

4) HISP assigns ISSO for Direct Organization Certificate ◆

5) HISP requests Direct Organization Certificate from CA Via a CSR ◆ ◆ ◆

10) HISP gets Direct Organization Certificate from CA ◆ ◆ ◆

12) Assign endpoint in the domain for new Account ◆ ◆

13) Request RA to verify Account holder identity details ◆

16) Provision authentication credentials for Account holder ◆

17) New Account uses Direct services provided by the HISP after appropriate authentication ◆ ◆ ◆

CERTIFICATE AUTHORITY (CA)

• Identity/Trust Cerificate | • Certificate Signing Services | • Certificate Validation Service | • Revocation Services

6) CA requests validation of Organization Rep + ISSO by the RA ◆ ◆ ◆

8) CA binds identities to keys + domain and issues the certificate ◆ ◆

9) Direct Organization Certificate provided to the HISP ◆ ◆ ◆

15) Obtain periodic audit data from the RA in respect to who the current Org cert subscribers are ◆ ◆

REGISTRATION AUTHORITY (RA)

7) RA validates the Organization REP + ISSO in the domain ◆ ◆ ◆

14) Ensure new Account holder is identity vetted to the LoA of the Org cert ◆ ◆

◆ Identity   ◆ Trust   ◆ Address

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