

IT Infrastructure Profiles & Connectathon tests

Profiles included here:

- XDS.b – Cross-Enterprise Doc Sharing
- XDR – Cross-Enterprise Doc Reliable Interchange
- XDM – Cross-Enterprise Doc Media Interchange
- MPQ – Multi-patient Queries
- DSUB – Doc Metadata Subscription
- MHD – Mobile access to Health Docs
- XCA – Cross Community Access (and XCA-I from Radiology)
- XCPD – Cross Community Patient Discovery
- XCF – Cross Community Fetch
- ATNA – Audit Trail & Node Authentication
- BPPC – Basic Patient Privacy Consents
- DSG – Digital Signature
- XUA – Cross-Enterprise User Assertion
- DEN – Document Encryption
- PDQ/PDQv3 – Patient Demog Query
- PIX/PIXv3 – Patient ID Cross-Ref for MPI
- PAM – Patient Admin Mgmt
- SVS – Sharing Value Sets
- HPD – Healthcare Provider Directory
- CSD – Care Services Discovery
- RID – Retrieve Information for Display
- XDS-SD – Cross-Enterprise Sharing of Scanned Documents

XDS.b – Cross-Enterprise Document Sharing

XDR option tests:

XDS.b_Source_Do_This_First

XDS.b_Registry_Do_This_First

XDS.b_Repository_Do_This_First

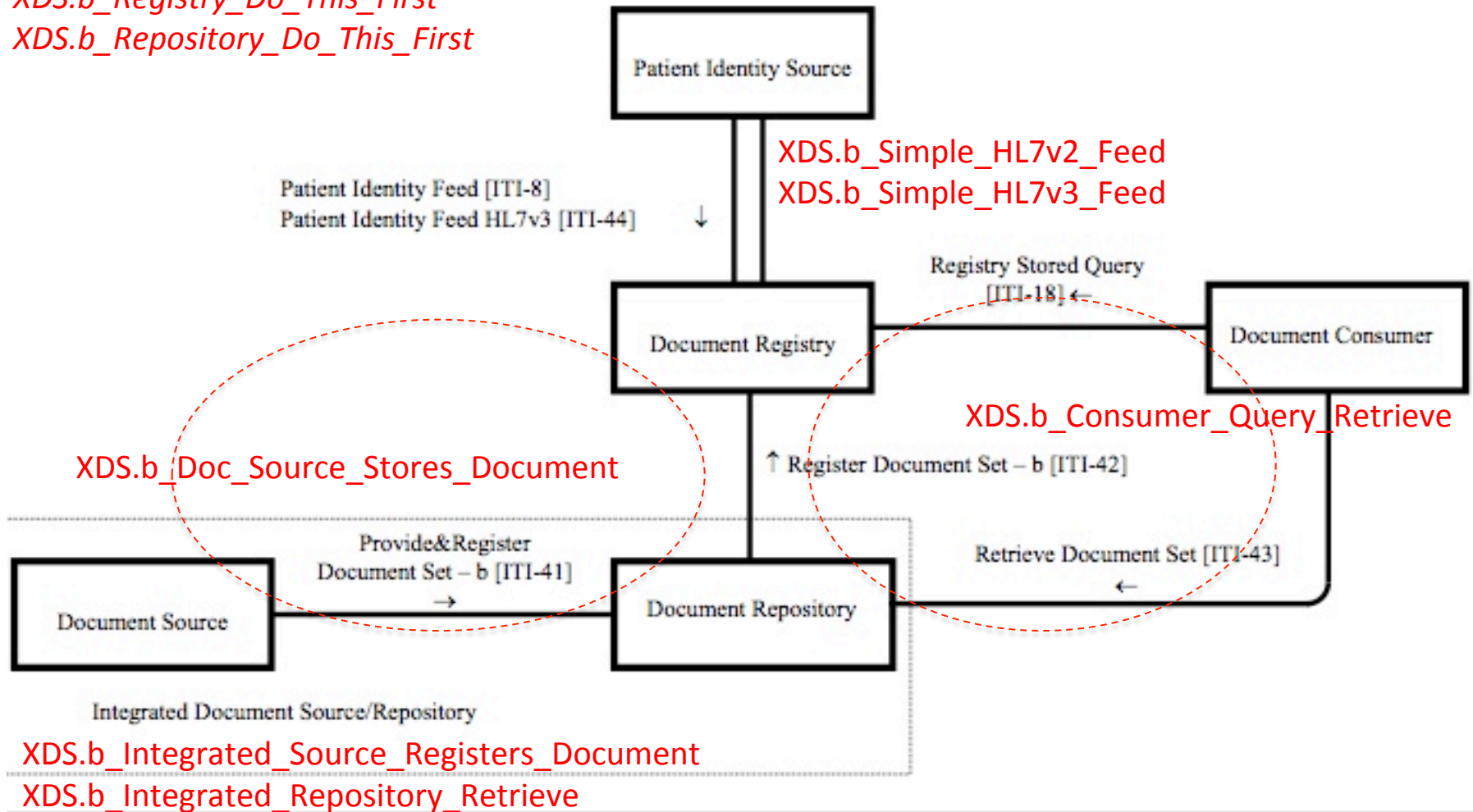


Figure 10.1-1b Cross-Enterprise Document Sharing – b (XDS.b) Diagram

XDS.b – (cont.)

XDS.b option tests:

Async tests

Doc Addendum, Replace, Transformation

Folder Management

XDS.b_Delayed_Doc_Assembly

XDS.b_On-Demand_Docs

XDS.b_MU_DocEntry_Update

XDS.b_MU_availabilityStat_Update

XDS.b_MU_Delete_Metadata

XDR_Source_Recipient_LtdMetadata

BPPC_Source_Enforcement

BPPC_Consumer_Enforcement & Proof

(BPPC_1st_Read_Privacy_Policy)

XDR – Cross-Enterprise Document Reliable Interchange

XDR_Doc_Source_Recipient

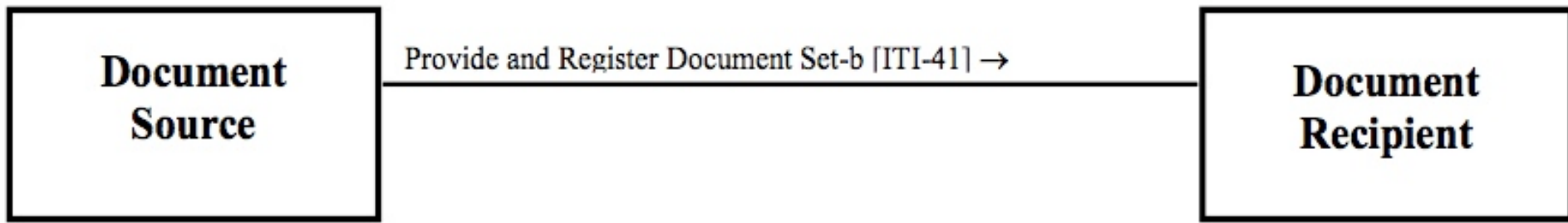


Figure 15.1-1 XDR Actor Diagram

XDR option tests:

XDR_MU_Doc_Entry_Update

XDR_MU_Delete_Metadata

XDR_Source_Recipient_LtdMetadata

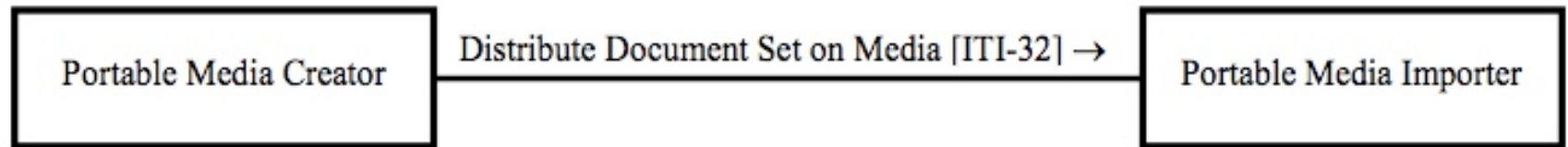
BPPC_Source_Enforcement

BPPC_Recipient_Enforcement

(BPPC_1st_Read_Privacy_Policy)

XDM – Cross-Enterprise Document Media Interchange

XDM_Import_Media (CD-R or USB)
XDM_Zip_over_Email
XDM_ZIP_over_Email_Response



XDM_Create_Media

Figure 16.1-1 XDM Actor Diagram

XDM option tests:

BPPC_PMC_Enforcement

BPPC_PMI_Enforcement

MPQ – Multi-Patient Queries

MPQ_Consumer_Queries_Registry
MPQ_Query_Async_Option

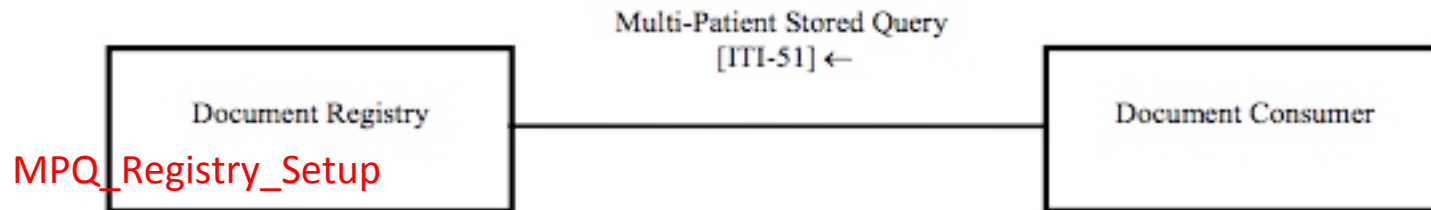
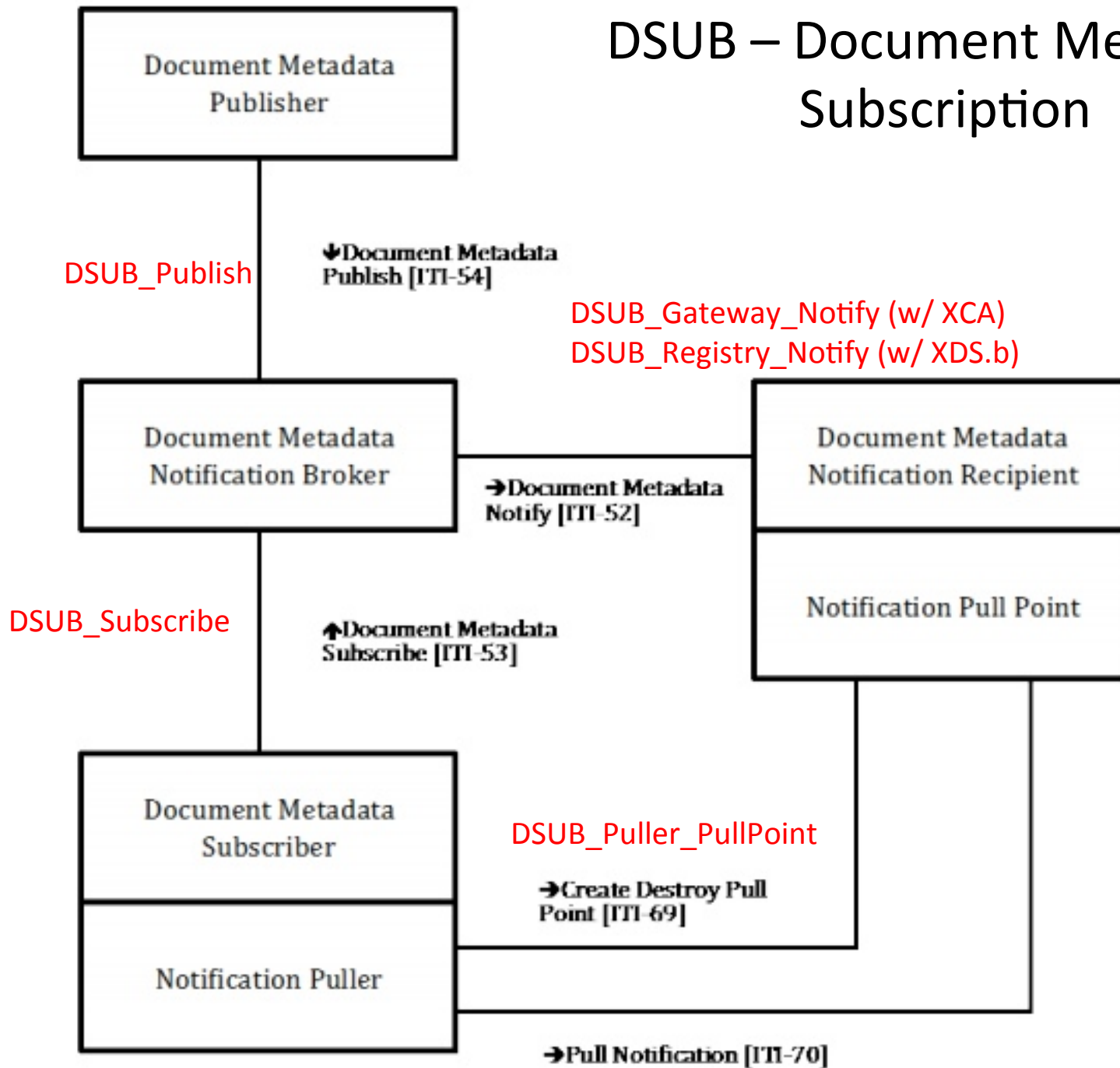


Figure 25.1-1. Multi-Patient Queries Actor Diagram

DSUB – Document Metadata Subscription



MHD – Mobile access to Health Documents

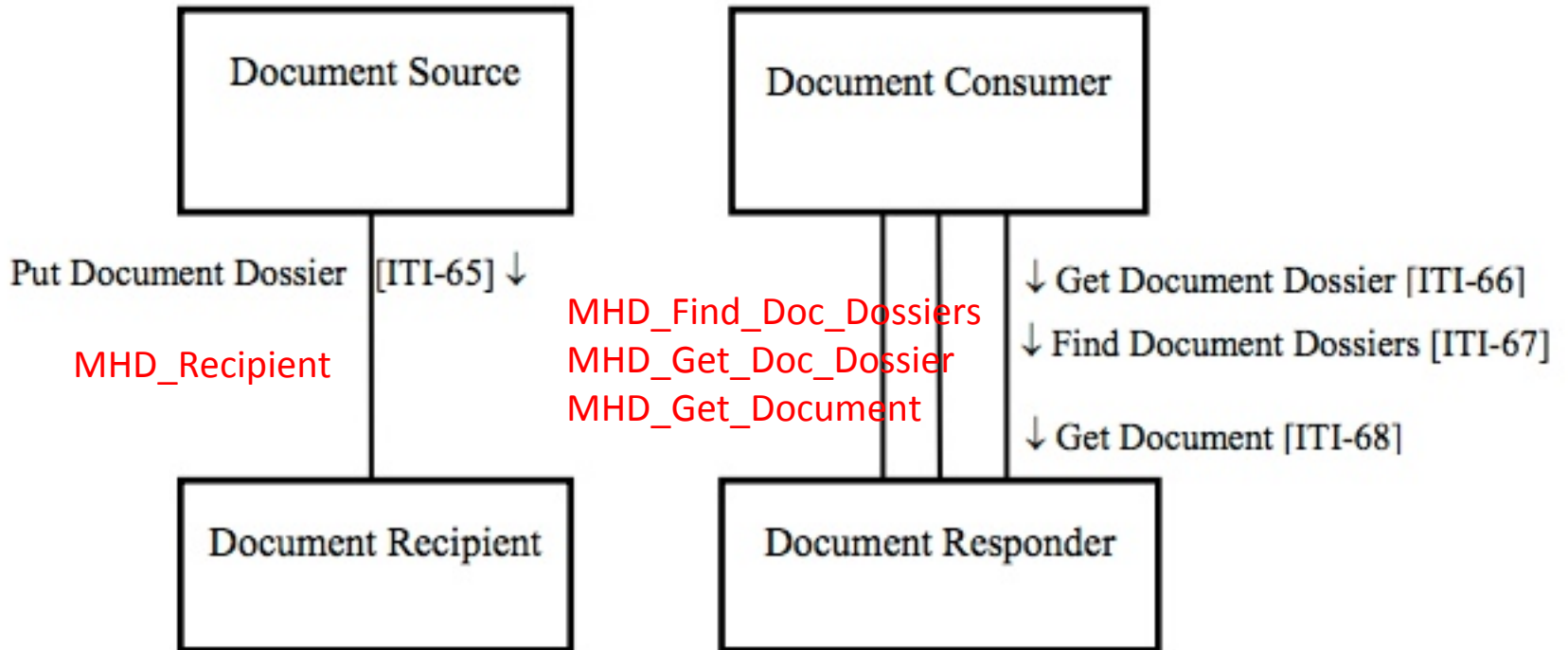
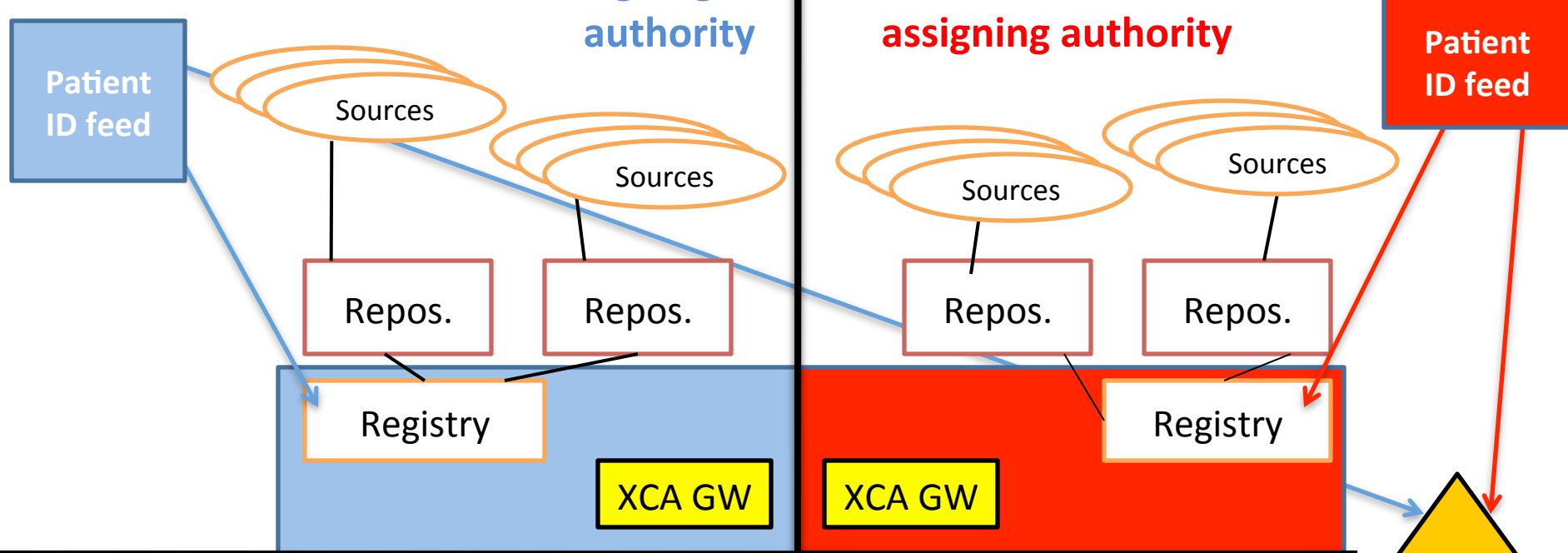


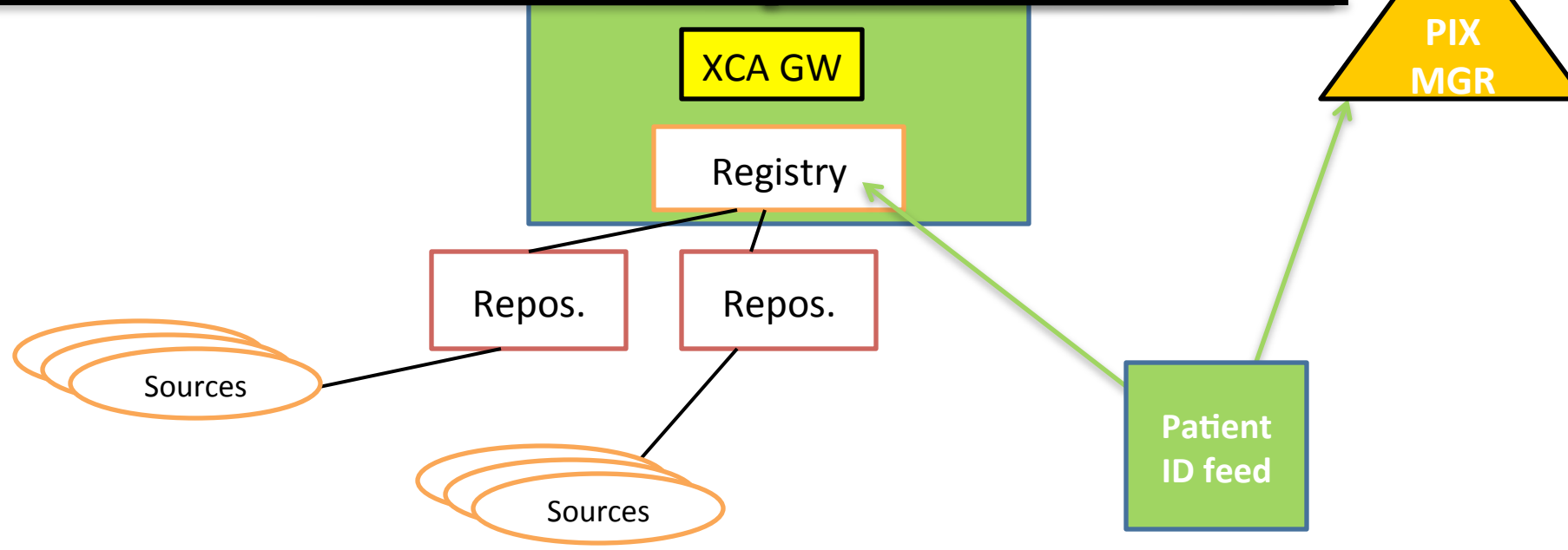
Figure 33.1-1: MHD Actor Diagram

1.3.6.1.4.1.21367.13.20.3000 assigning authority

1.3.6.1.4.1.21367.13.20.1000 assigning authority



1.3.6.1.4.1.21367.13.20.2000 assigning authority



XCA – Cross-Community Access

XCA_Read_This_First

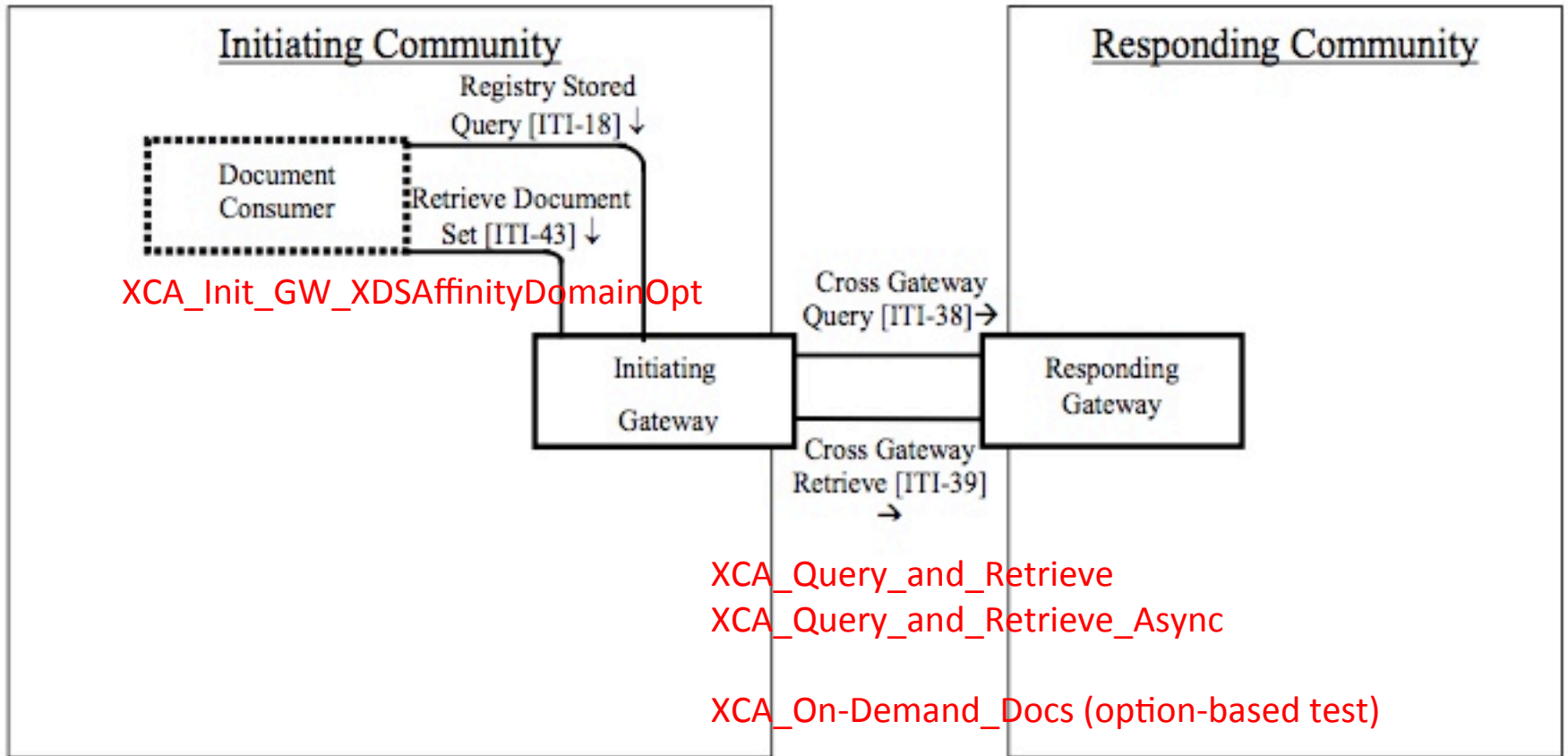
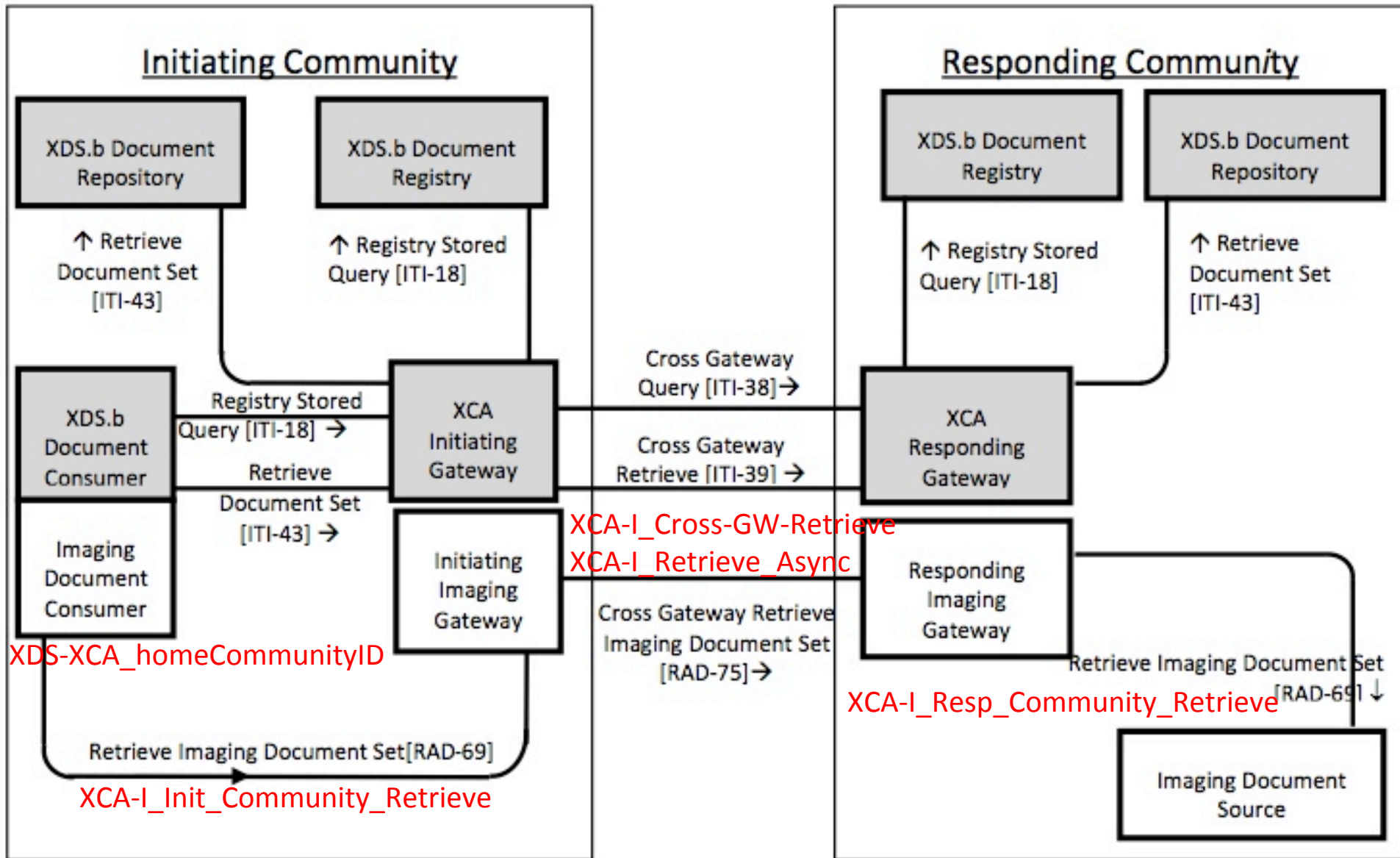


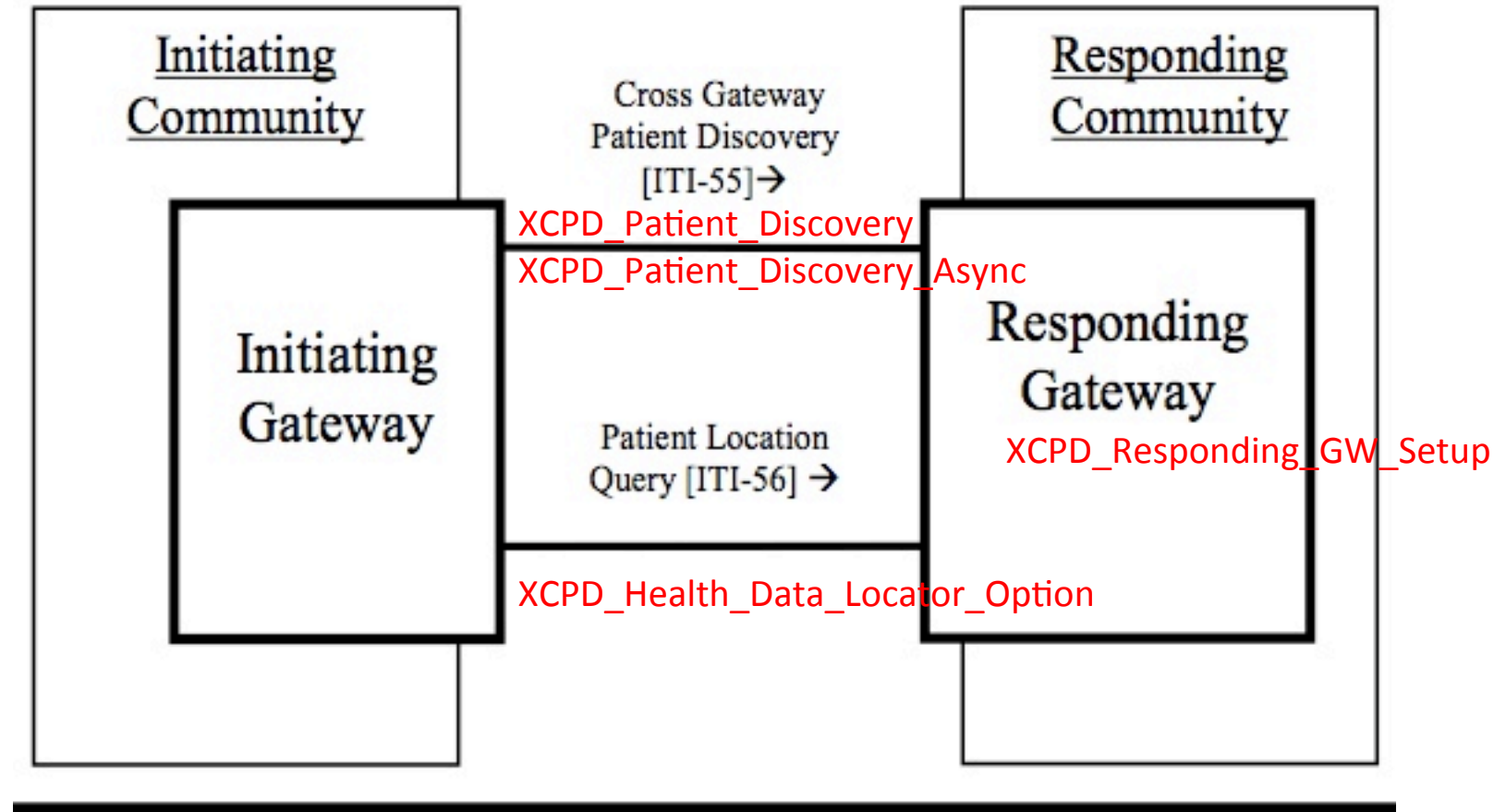
Figure 18.1-1. XCA Actor Diagram

XCA-I – Cross-Community Access for Imaging

XCA_Read_This_First



XCPD – Cross-Community Patient Discovery



Option tests:

XCPD_Deferred_Response_Option

Figure 27.1-1 XCPD Actor Diagram

XCF – Cross-Community Fetch

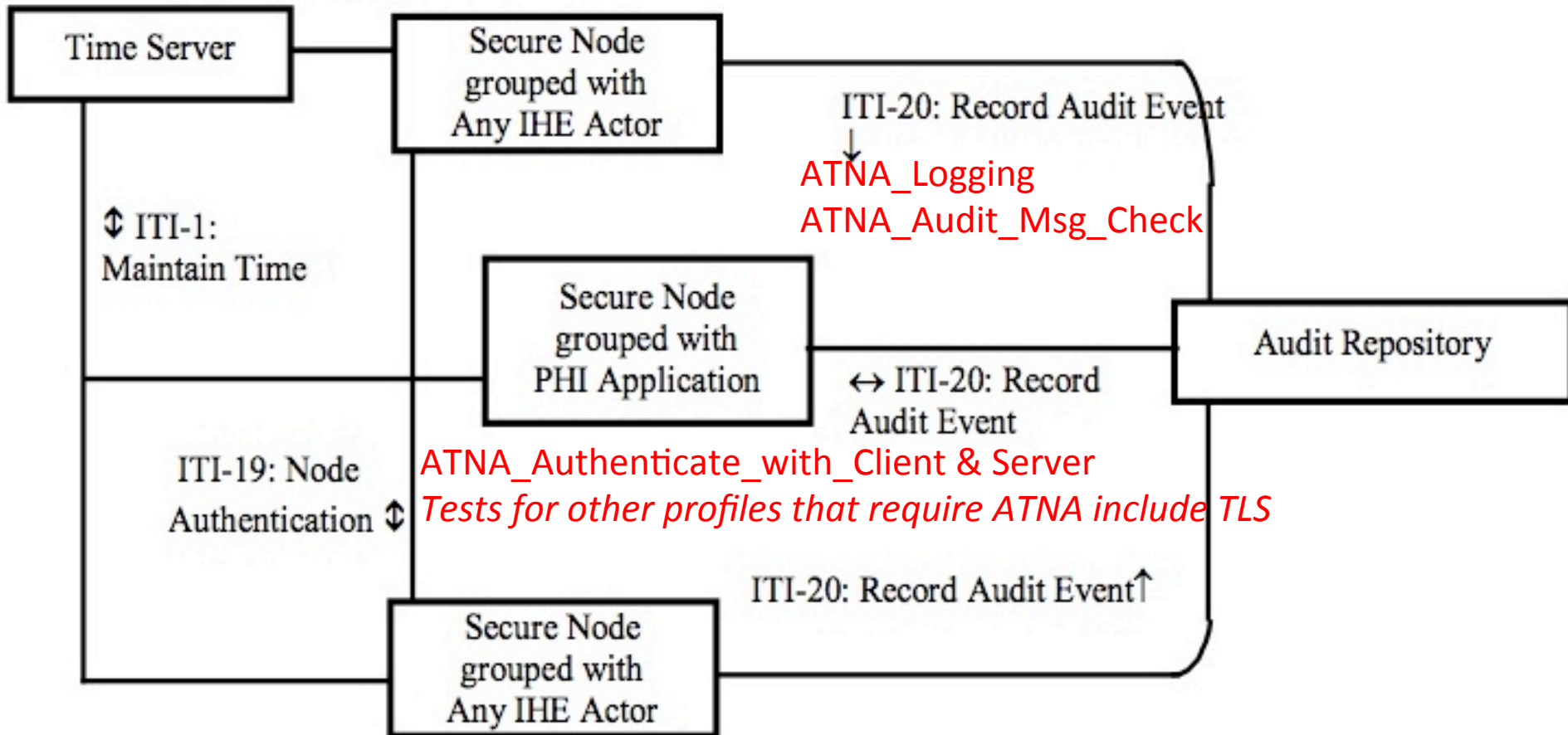
Initiating Gateway

→ Cross Gateway Fetch [ITI-63]

Responding Gateway

XCF_Cross-Community-Fetch
XCF_Cross-Community-Fetch_Async

ATNA – Audit Trail & Node Authentication



Test **ATNA_Questionnaire** is also required of all Secure Node & Secure Application actors

BPPC – Basic Patient Privacy Consents

BPPC_1st_Read_Privacy_Policy

BPPC_Consumer_Process_Consent
BPPC_Constent_Consumer_View_Opt



BPPC_Create_Consent_Doc

Figure 19.3-1 BPPC Actor Diagram

DSG – Digital Signature

DSG_SubmitSignedDocument



DSG_CreateSignedDocument

XUA – Cross-Enterprise User Assertion

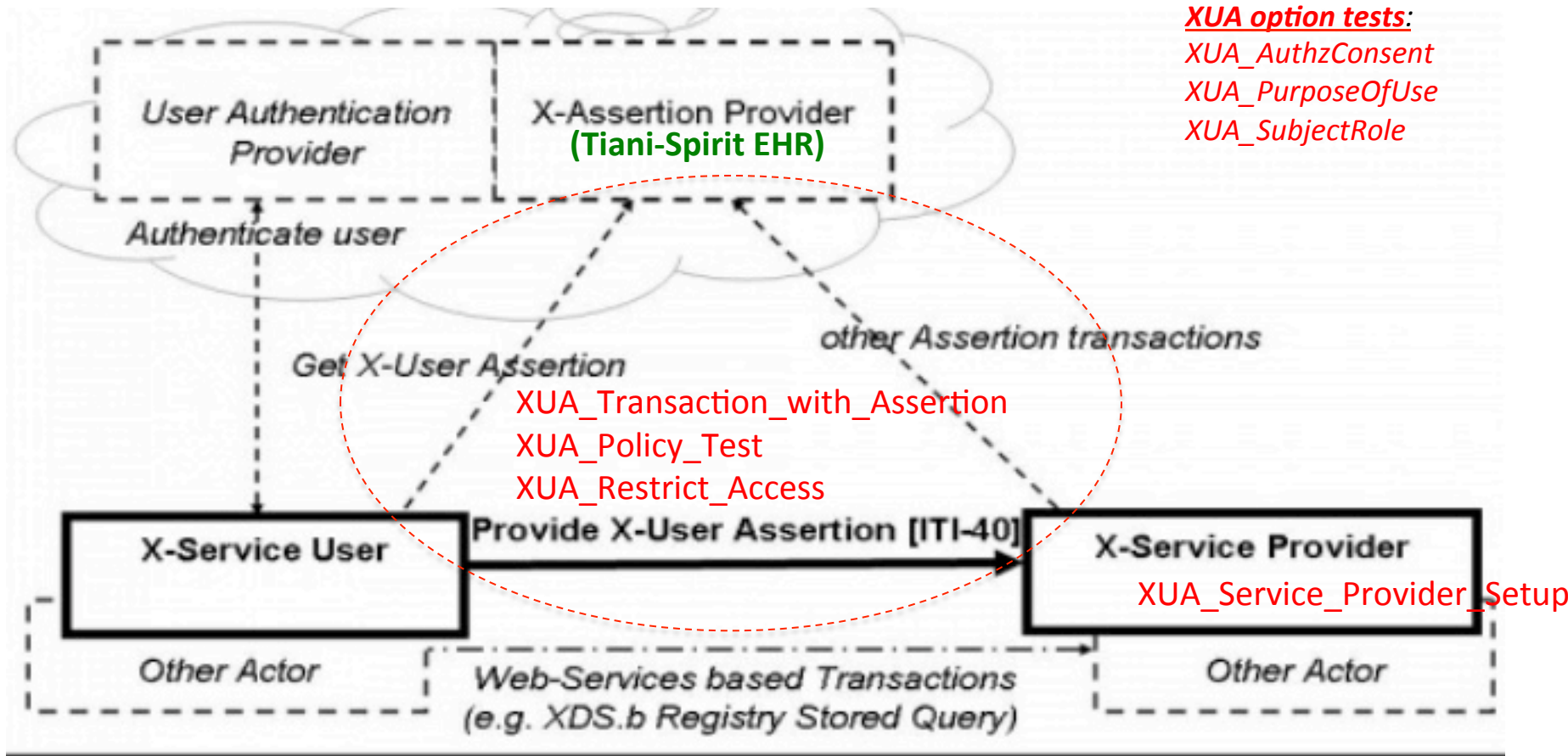
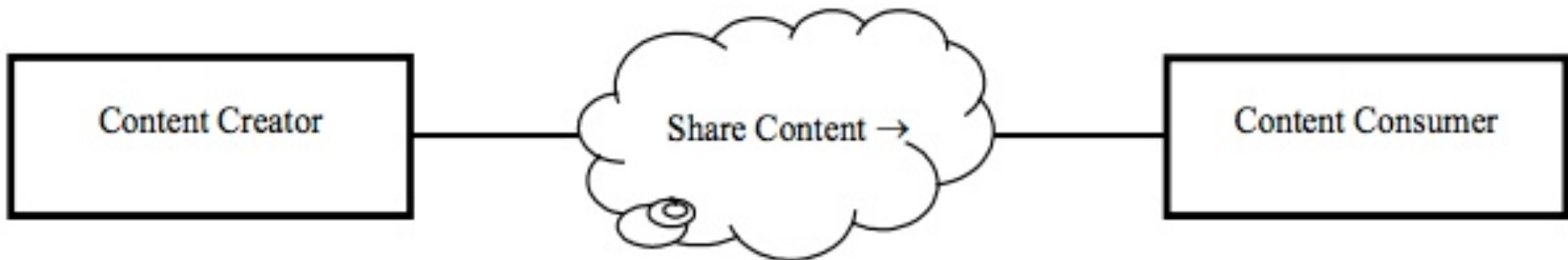


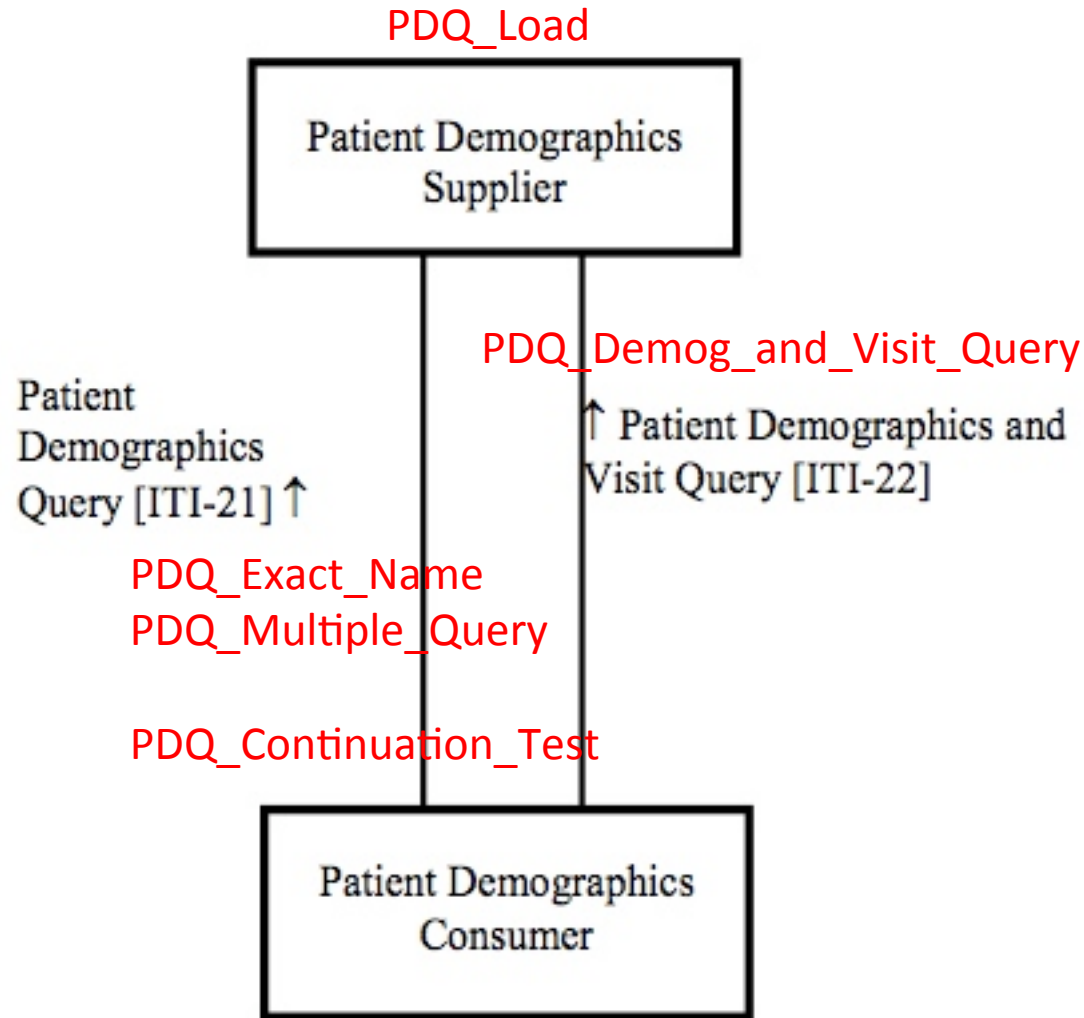
Figure 13.4-1 Cross-Enterprise User Assertion Actor Diagram

DEN – Document Encryption

DEN_w_Pre-shared_Key_and_AES-192
DEN_with_Certificate_and_AES-128
DEN_with_Password_and_AES_256



PDQ – Patient Demographics Query (PDQv3 follows the same model)

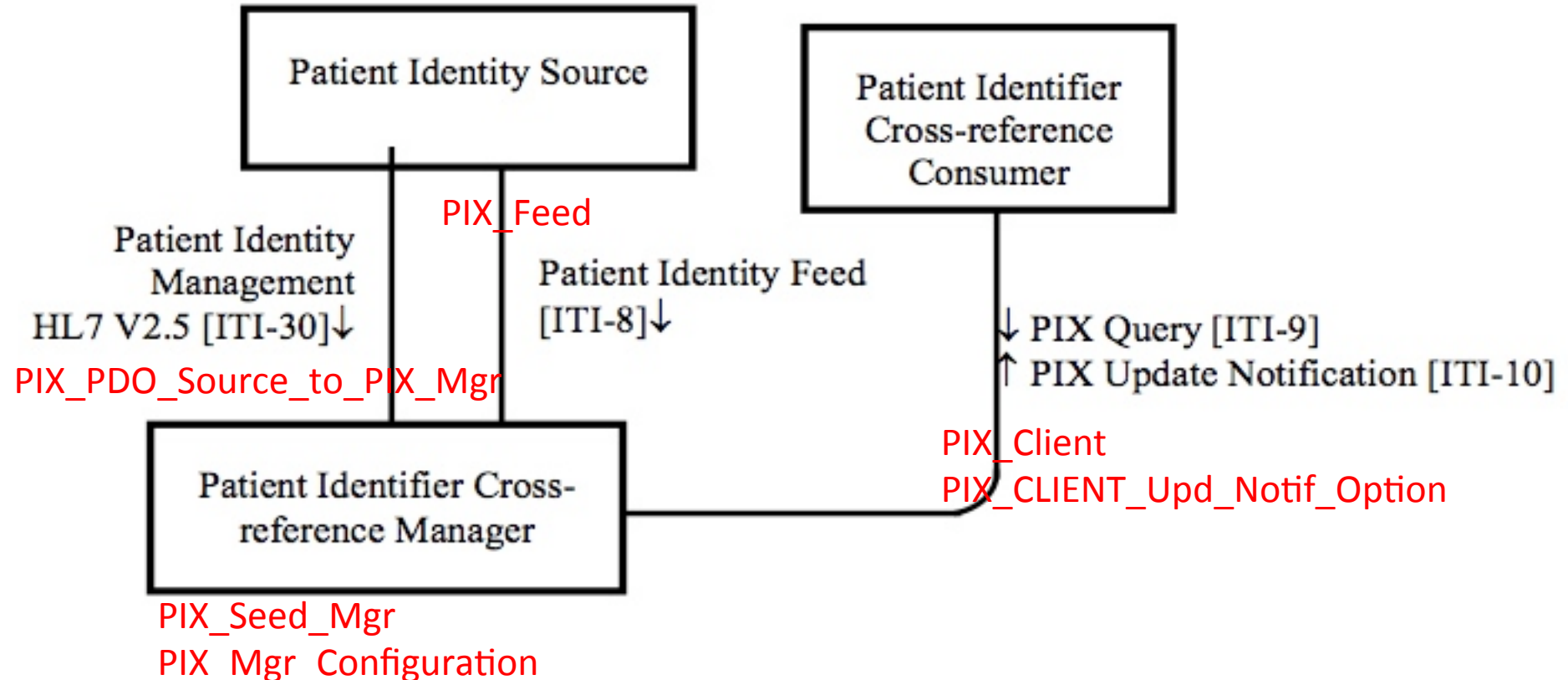


Option tests:

PDQ_PDO_Load

PDQ_PDO_Query_with_Twin_Data

PIX – Patient Identifier Cross-referencing for MPI (PIXv3 follows the same model)



Option tests:

PIX_PDO_Source_Loads_Twin_Data

PIX_PDO_Query

PAM – Patient Administration Management

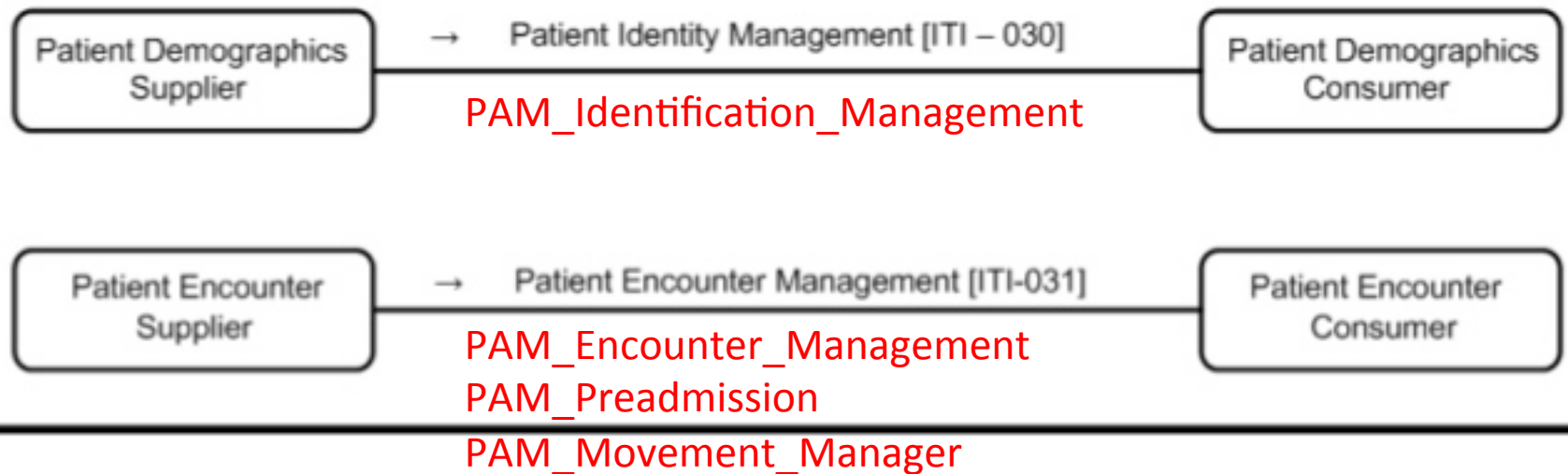


Figure 14.1-1 Patient Administration Management Actor Diagram

SVS – Sharing Value Sets

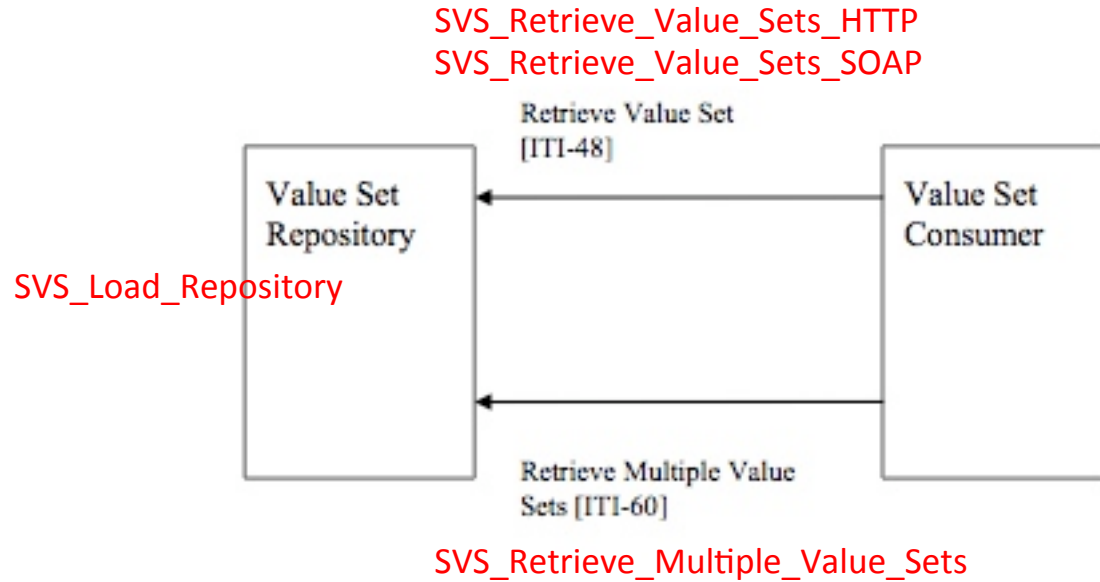


Figure 21.1-1 SVS Actor Diagram

HPD – Healthcare Provider Directory

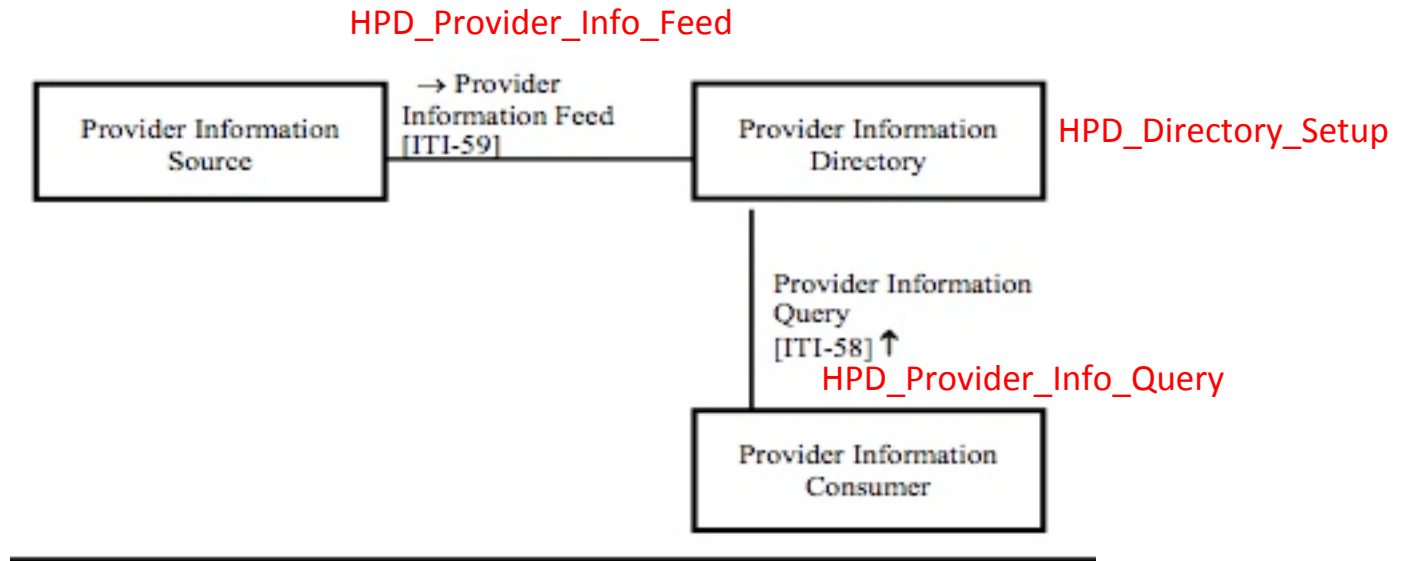


Figure 28.1-1 HPD Profile Actor Diagram

CSD – Care Services Discovery

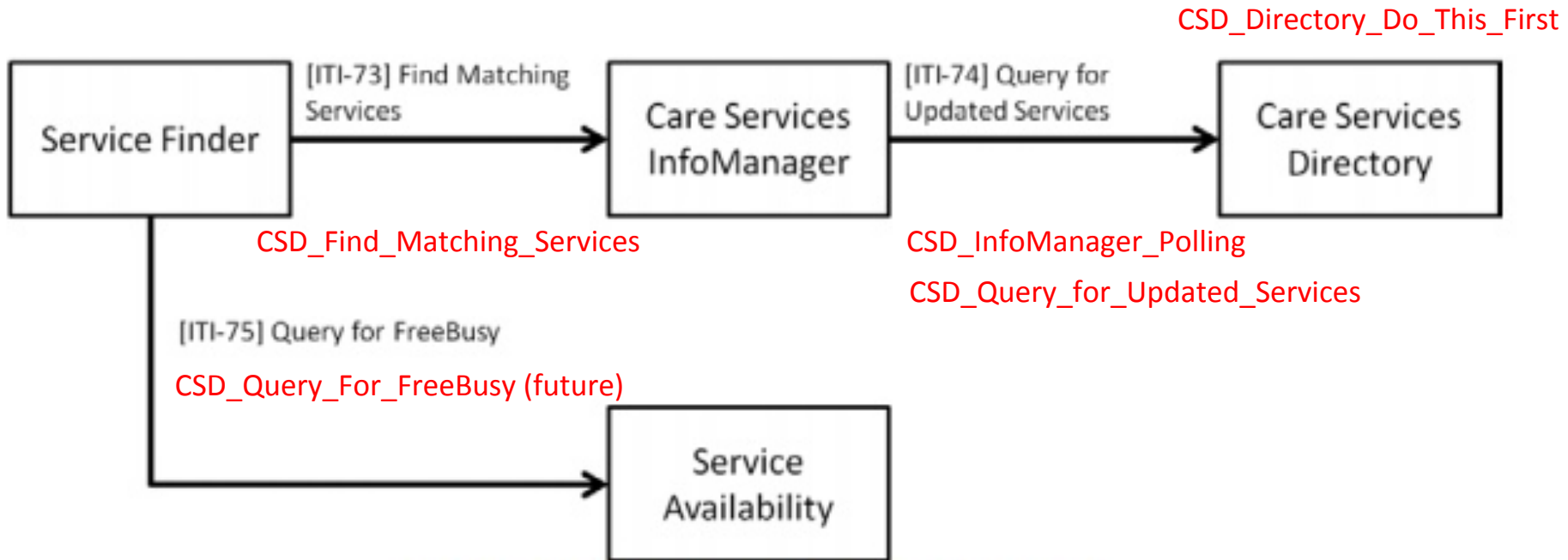


Figure 35.1-1: CSD Profile Actor Diagram

RID – Retrieve Information for Display

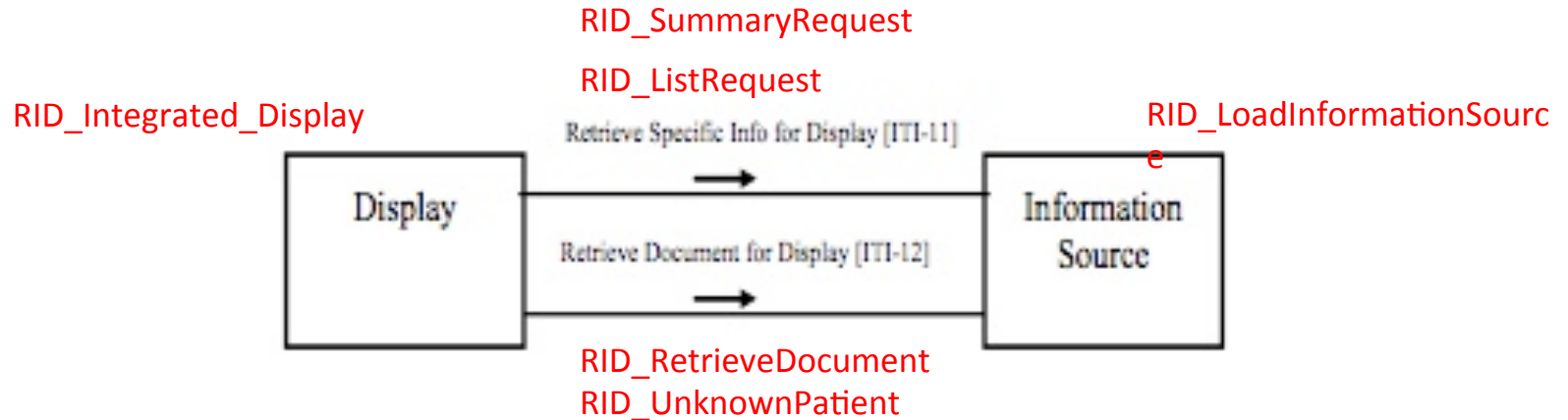


Figure 3.1-1. Retrieve Information for Display Actor Diagram

Transaction [ITI-11] is required if one of the following Options is selected by the Information Source Actor (See ITI TF-1: 3.2):

Summary of All Reports
Summary of Laboratory Reports
Summary of Radiology Reports
Summary of Cardiology Reports
Summary of Surgery Reports
Summary of Intensive Care Reports
Summary of Emergency Reports
Summary of Discharge Reports
Summary of Prescriptions
List of Allergies and Adverse Reactions
List of Medications

XDS-SD – Cross-Enterprise Sharing of Scanned Documents

XDSSD_Process_PDF
XDSSD_Process_Text



Figure 20.2-1. Scanned Documents Actor Diagram

XDSSD_Create_PDF_or_Text