ON DEMAND DOCUMENT CREATOR FLOW

Document Request is received (IHE compliant request)

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Lookup patient in an EMPI and get all patient IDs for the given patient

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Patient Found in EMPI

— YES → Get All Configured APIs and connections to fetch patient data from. (Configurable)

— NO → Respond with patient Not Found

For each configured API / data source

Fetch patient data sets from each API / data source
(Patient data set formats will vary in each API / data source)

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Patient data exists

— YES

Convert, map, and place that data set to an appropriate section in the CDA document.

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Once all patient data sets have been converted to the appropriate sections in a CDA document, generate the final IHE compliant CDA documents and respond to the Requesting System.
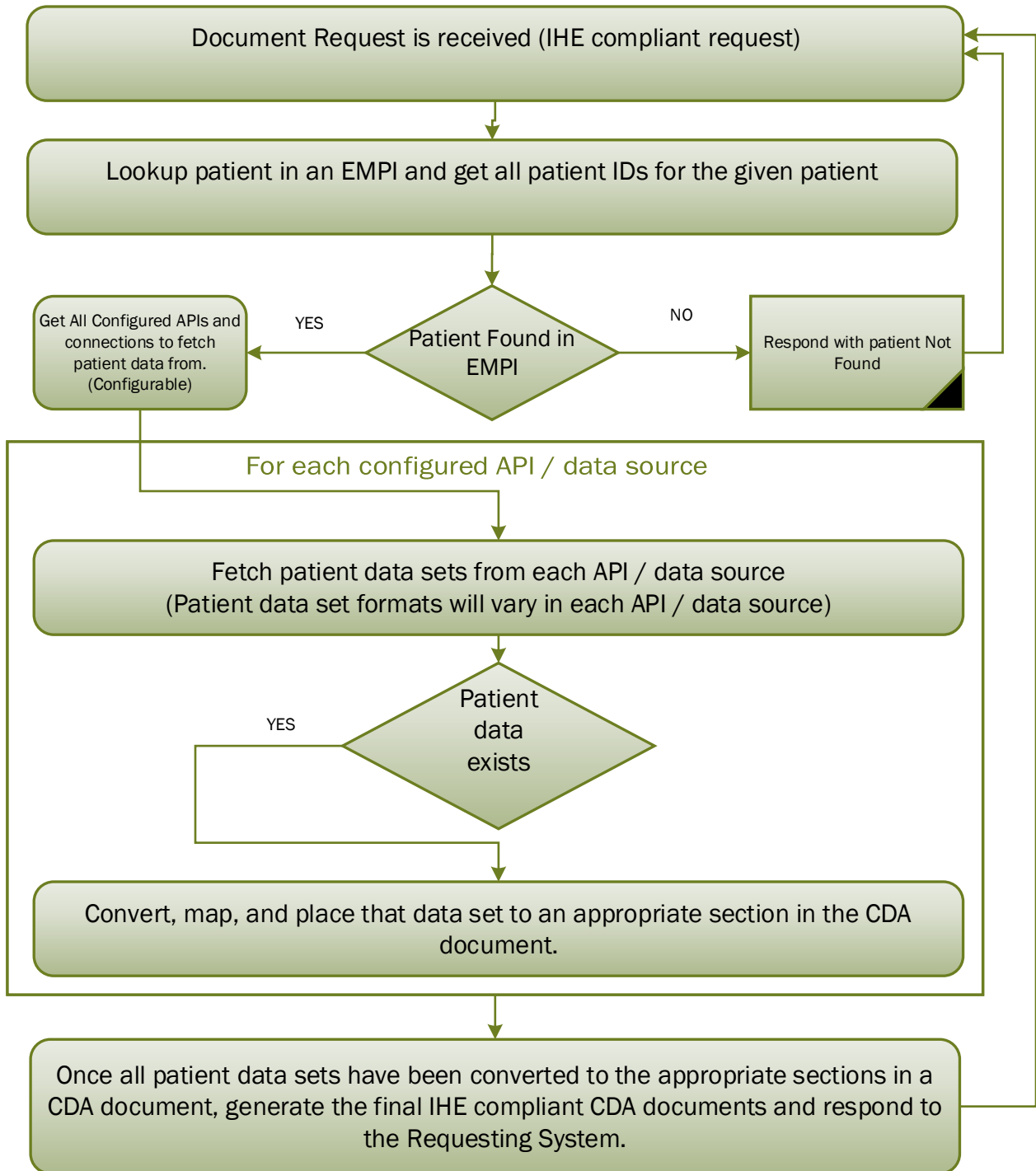
NOTE:

- API / data source will return discrete patient data in JSON, XML or other data formats and not CDA formatted documents.

- API / data source is not a document repository. We are looking for a solution that can take patient data in multiple formats and standards and generate a CDA document from it.

- The generated CDA document will have to pass the content-testing with eHealth Exchange and be compliant with Carequality CDA documents.

Each Step is tracked.