Interoperability: Provider Online Directory Developer Documentation

Version v1.0

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Provide Online Directory Developer Documentation

The Provider Online Directory API's solution will be largely based on the implementation guides recommended by CMS. The below are the links to the Implementation Guides and the Solution Attributes used in the POD implementation.

1.Implementation Guides

1.1 Argonaut Implementation Guide

http://www.fhir.org/guides/argonaut/pd/

The Argonaut project Provider Directory guide is based upon the FHIR STU3 API and contains the foundation for a robust provider directory. It describes the use cases and search expectations for finding a practitioner or organization. It outlines the key data elements for any provider directory and basic query guidance. The components developed in this guide are intended to provide a foundation for a central or distributed Provider or Healthcare Directory. Additional work flow components and elements may be required for a particular implementation.

There is some information that we have referenced from the overall API structure and resources

1.2 Davinci Implementation Guide

The Payer Data Exchange (PDex) IG:

http://build.fhir.org/ig/HL7/davinci-pdex-plan-net/index.html

This implementation guide defines a FHIR interface to a health insurer's insurance plans, their associated networks, and the organizations and providers that participate in these networks. Publication of this data through a standard FHIR-based API will enable third parties to develop applications through which consumers and providers can query the participants in a payer's network that may provide services that address their health care needs.

Although there are multiple types and sources of providers' directories, including provider organizations (i.e., a hospital listing all its physicians), government (i.e., listing of providers in Medicare), payers (i.e., a health plan's provider network), and third-party entities (such as vendors that maintain provider directories), **the focus of this implementation guide is on Payer Provider Directories**

1.3 The PDex Payer Network (or Plan-Net) Implementation Guide

The PDex Payer Network (or Plan-Net) Implementation Guide is based on the Validated Healthcare Directory Implementation Guide (VHDir IG), an international standard.

The Validated Healthcare Directory Implementation Guide (VHDir IG) is based on FHIR Version 4.0. It was developed in cooperation with the Office of the National Coordinator for Health Information Technology (ONC) and Federal Health Architecture (FHA) with guidance from HL7 International, the Patient Administration Workgroup, and the HL7 US Realm Steering Committee.

2.Solution Attributes

Name	Definition	Link to FHIR Documentation
Practitioner Role	Roll up of Practitioner Elements Practitioner Role represents the relationship between a Practitioner network, Practitioner Group, Location and list of Speciality/ies	http://hl7.org/fhir/us/davinci-pdex-plan-net/2020Feb/profiles.html
Practitioner	Professional Name: • First Name • Last Name • Middle Name • Suffix • Provider Degree	http://hl7.org/fhir/us/davinci-pdex-plan-net/2020Feb/StructureDefinition-plannet-Practitioner.html
Network	See Organization Networks are treated as a type of organization Network is always wrapped up into Organization Affiliation and cannot be individually queried	http://hl7.org/fhir/us/davinci-pdex-plan-net/2020Feb/StructureDefinition-plannet-Network.html
Organization	Group Association displays here Note: Organization refers to the Practice Name, Group Name in this use case	http://hl7.org/fhir/us/davinci-pdex-plan-net/2020Feb/StructureDefinition-plannet-Organization.html
Location	Location Address: • Address line 1 • Address line 2 • Address Suite • City • State • Zip • Phone Number One of the following location name is included in the name field of the location resource • Office Name • Location Name • Practice Name • DBA Name	http://hl7.org/fhir/us/davinci-pdex-plan-net/2020Feb/StructureDefinition-plannet-Location.html
Organization	May also be thought of as a Managing Organization. In	http://hl7.org/fhir/us/davinci-pdex-plan-

	the case of a practice, it may be an overarching health system	net/2020Feb/profiles.html
Organization Affiliation	Roll up of all facility items This can represent any affiliation between two organizations Organization affiliation represents the relationship between a Facility, Network, Location and list of healthcare services	http://hl7.org/fhir/us/davinci-pdex-plan-net/2020Feb/profiles.html Example(s) https://davinci-plan-net-ri.logicahealth.org/fhir/OrganizationAffiliation/plannet-organizationaffiliation-165d1fee65647e3fcf52235ad/_history/1?_pretty=true https://davinci-plan-net-ri.logicahealth.org/fhir/Location/plannet-location-PCY-0009122

3. Provider Online Directory – Profiles and Resources Supported

The below grid shows the list of profiles and resources that are currently supported in the respective Sandbox and Production environments for the Provider Online Directory API.

3.1 Profiles - Sandbox Vs Production

S. No	IG Profiles	POD - Sandbox	POD - Production
1	Endpoint	Yes	No
2	HealthcareService	No	No
3	InsurancePlan	Yes	No
4	Location	Yes	Yes
5	Network	No	No
6	Organization	Yes	Yes
7	Organization Affiliation	Yes	Yes
8	Practitioner	Yes	Yes
9	Practitioner Role	Yes	Yes

3.2 Resources - Sandbox Vs Production

S. No	Profiles	POD - Sandbox	POD - Production
1	**Location**	name	name
		identifier	Not Supported
		_profile	Not Supported
		address-postalcode	address-postalcode
		address	address
		Not Supported	address-state
		Not Supported	address-city
		Not Supported	id
2	**Organization Affiliation**	network	network
		specialty	specialty

		identifier	<mark>Not Supported</mark>
		service	<mark>Not Supported</mark>
		_profile	<mark>Not Supported</mark>
		<mark>Not Supported</mark>	primary-organization
		<mark>Not Supported</mark>	location
		<mark>Not Supported</mark>	id
3	**Organization**	Id	id
		name	name
		_profile	<mark>Not Supported</mark>
		identifier	<mark>Not Supported</mark>
		address	<mark>Not Supported</mark>
4	**Practitioner Role**	name	<mark>Not Supported</mark>
		<mark>Not Supported</mark>	practitioner
		identifier	<mark>Not Supported</mark>
		specialty	specialty
		_include	<mark>Not Supported</mark>
		_profile	<mark>Not Supported</mark>
		<mark>Not Supported</mark>	location
		<mark>Not Supported</mark>	network
		<mark>Not Supported</mark>	organization
		<mark>Not Supported</mark>	id
5	**Practitioner**	Id	id
		name	name
		_profile	<mark>Not Supported</mark>
		identifier	<mark>Not Supported</mark>
		<mark>Not Supported</mark>	given
		<mark>Not Supported</mark>	family

Version History

Molina Healthcare will publish a new iteration of documentation on the POD profiles and resources supported if there are any changes in future and may be denominated as a revised or updated edition of this document

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