



LACDPH | Substance Abuse Prevention Control (SAPC)

Public Health Information Systems (PHIS)

Provider Directory

Companion Guide

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Disclosure Statement

This document represents the Los Angeles County Department of Public Health (LACDPH) implementation instructions for Provider Directory. This document specifies the required operation workflow, and data elements along with associated restrictions to exchange data electronically with LACDPH. LACDPH reserves the right to modify and change the document at any time. LACDPH will disseminate the information in a timely manner, should there be any change to this document.

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Introduction

Da Vinci Provider Directory is an initiative using FHIR standards to improve provider directories in healthcare. It aims to standardize provider directory data exchange, improve accuracy, reduce administrative burdens, and improve access to care for patients.

Background

With the Provider Directory API, developers can create custom applications that provide users with comprehensive information about healthcare providers, including their location, specialty, office hours, patient availability, and language proficiency.

This API meets the requirement set by the Centers for Medicare & Medicaid Services (CMS) that federal healthcare programs must make their provider directory information available to the public via an API endpoint on the program's website.

Built on the widely used Fast Healthcare Interoperability Resources (FHIR) standard, this API is fully compliant with the HL7 Da Vinci PDex Plan-Net Implementation Guide, providing users with an intuitive and user-friendly way to access the information they need. With FHIR resources, developers can quickly and easily build customizable solutions that meet the needs of their users.

Software Components and Configurations

In order for data to exchange, consumers of Provider Directory API will need to be able to process HL7 FHIR APIs built on the HL7 Da Vinci PDex Plan-Net Implementation Guide.

Resources

Location

The FHIR Da Vinci Plan Net specifies the use of the Location resource to represent the physical places where healthcare services are provided. The Location resource can be used to describe the location of a healthcare organization, such as a hospital or clinic, or the location of a specific service, such as a laboratory or radiology department. The Plannet-Location is a specific type of Location resource that is used in the context of the Da Vinci

Plan Net. This resource is designed to provide information about the network of healthcare providers and facilities that participate in a particular plan or network. Some of the information that can be included in a Plannet-Location resource might include the name and address of the location, the types of services that are provided, the hours of operation, and any special accommodations or facilities that are available.

Practitioner

In the context of FHIR Da Vinci Plan Net, a Practitioner is an individual who is authorized to provide healthcare services to patients. Practitioners may include physicians, nurses, therapists, and other licensed healthcare professionals. The Practitioner resource in FHIR can be used to represent information about a particular practitioner, such as their name, specialty, qualifications, and contact information. This information can be used to help patients find and choose a practitioner who meets their needs and preferences. In the context of the Da Vinci Plan Net, Practitioner resources can also be used to track which practitioners are participating in a particular healthcare network or plan. This information can be used to help patients find practitioners who are part of their plan, as well as to manage referrals and coordinate care across multiple practitioners.

PractitionerRole

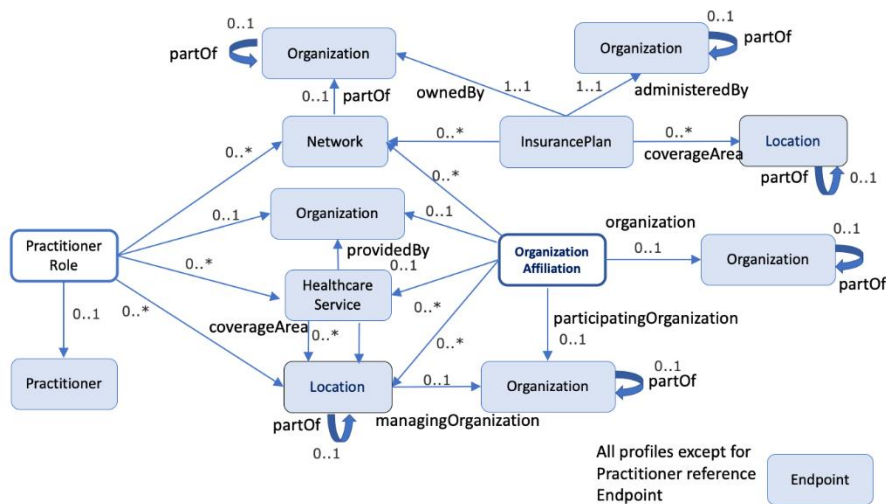
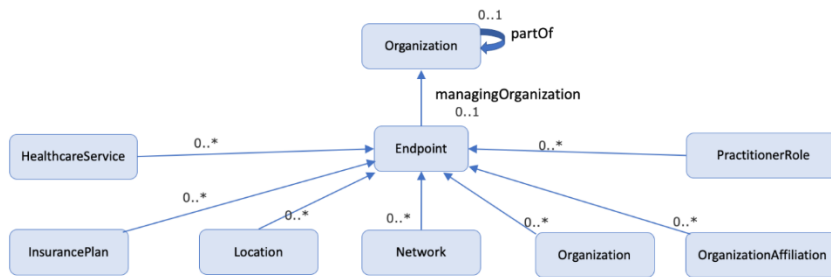
In FHIR, a PractitionerRole resource is used to describe the professional role and responsibilities of a practitioner within an organization or a specific healthcare service. The PractitionerRole resource can be used to represent a practitioner's relationship with an organization, their availability to provide services, and the types of services they are authorized to perform. The PractitionerRole resource can include information such as the practitioner's name, the organization or healthcare service they are associated with, their role within that organization or service, their contact information, and the types of services they are authorized to provide. The PractitionerRole resource is particularly useful in the context of care coordination and network management. For example, in the Da Vinci Plan Net, the PractitionerRole resource can be used to represent the role of a practitioner within a particular healthcare network or plan. This information can help to manage and coordinate care across multiple providers and organizations, ensuring that patients receive the appropriate care from the right practitioners.

Organization

In FHIR, an Organization resource is used to represent a healthcare-related organization, such as a hospital, clinic, pharmacy, or insurance company. The Organization resource can be used to describe the structure and function of an organization, as well as its relationships with other organizations, such as providers, payers, and regulatory bodies. The Organization resource can include information such as the organization's name, address, contact information, type of organization (e.g., healthcare provider, health plan, regulatory agency), the services it offers, and the providers or practitioners affiliated with the organization. In the context of the Da Vinci Plan Net, the Organization resource can be used to represent the healthcare organizations that participate in a particular plan or network. This information can be used to help patients find providers and organizations that are part of their plan, as well as to manage referrals and coordinate care across multiple organizations.

HealthcareService

In FHIR, a HealthcareService resource is used to describe a specific healthcare service offered by a provider or organization. The HealthcareService resource can be used to represent any type of healthcare service, such as diagnostic imaging, laboratory testing, mental health counseling, or physical therapy. The HealthcareService resource can include information such as the name of the service, the location where the service is offered, the type of healthcare provider who offers the service, the availability of the service, and any special requirements or instructions related to the service. In the context of the Da Vinci Plan Net, the HealthcareService resource can be used to represent the healthcare services offered by providers or organizations that participate in a particular plan or network. This information can be used to help patients find the services they need within their plan, as well as to manage referrals and coordinate care across multiple providers and services.



Base URL

Each use case in the following section will reference the below Base URL along with a distinct extension based on the resource type to conduct an API search. The Base URL for the Provider Directory API platform is as follows:

[Base URL] = <https://pdex.sapc.ph.lacounty.gov/api>

Supported HTTP Response Codes

The table below lists the supported HTTP Response Codes that the API would return when a search request is entered for any of the following FHIR resources in the Provider Directory: Location, CapabilityStatement, Endpoint, HealthcareService, InsurancePlan, Organization, OrganizationAffiliation Practitioner, and PractitionerRole.

Code	Status	Description
200	OK	Successful
400	Bad Request	Submission Error (Parameter formatting, ex.)
404	Not Found	Incorrect Endpoint
500	Internal Error	Generic System Error

Provider Directory Web API Access

The first step to gain access to the Provider Directory Web API is to submit an application registration form on the SAPC DPH website. Once your application has been approved, your agency will receive a Client ID and Client Secret which can then be used to get a JWT Bearer Token. The next step requires the generation of the JWT Bearer Token such as sending a Curl command on a preferred application to get the token. Lastly, the token can be entered under the Authorize section of the Swagger UI or submitted using other methods listed in step 4 in the “Summary of Steps” below. Once the “Authorize” button has been clicked on the Swagger UI and the system has validated the token, it will allow access to run API’s for a period of one hour before having to re-submit a new token for another hour of access.

Summary of Steps

1. The agency submits an Application Registration Form on the SAPC website:
<http://publichealth.lacounty.gov/sapc/providers/sage/data-exchange.htm>
2. Upon approval, the SAPC IT Team will provide the agency with a Client ID and Client Secret needed to access the application.
3. The agency will the need to get a JWT Bearer Token using the provided Client ID and Client Secret credentials in their preferred application or method. For example, the following Curl command provides an access-token that is valid for an hour.

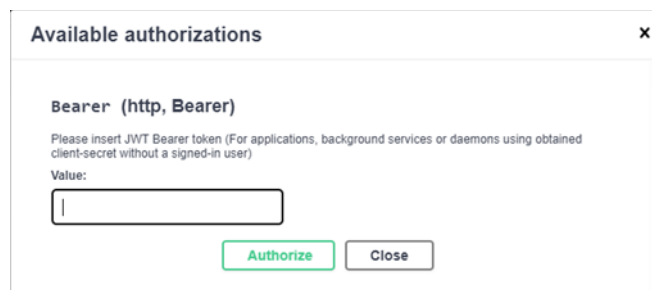
Example of the Curl Command Method to get access token:

```
curl -X POST -H "Content-Type: application/x-www-form-urlencoded" -d "grant_type =Client_Credentials &client_id={ClientID}&client_secret={ClientSecret}&resource=api://{ResourceID}" https://login.microsoftonline.com/{ApplicationID}/oauth2/token
```

4. The agency can then gain access to test the API by submitting the JWT Bearer Token in the Provider Directory API Swagger UI, or by using tools like Curl, Postman, Insomnia, etc. or by coding the token in any programming language as the Authorization HTTP Header.

The pop-up form found in the Swagger UI shown below is used to provide and set the Bearer token for access to the application. The token is entered in the value field on the form and when the “Authorize” button is clicked the system will validate the token and grant access to the application. The form is activated by clicking on the “Authorize” padlock icon on the Swagger UI using the following link:

<https://pdex.sapc.ph.lacounty.gov/swagger/index.html>



The image shows a screenshot of a web browser window displaying a dialog box titled "Available authorizations". The dialog has a close button (X) in the top right corner. Inside the dialog, there is a section for "Bearer (http, Bearer)". Below this section, there is a small text instruction: "Please insert JWT Bearer token (For applications, background services or daemons using obtained client-secret without a signed-in user)". Underneath the instruction, there is a label "Value:" followed by a text input field. At the bottom of the dialog, there are two buttons: "Authorize" (highlighted in green) and "Close".

Example of the Curl Command Method to retrieve organizations' information using the access token:
curl -X 'GET' \ 'https://pdex.sapc.ph.lacounty.gov/api/Organization' \ -H 'accept: application/json' \ -H 'Authorization: Bearer {access-token}'

Provider Directory Web API Use Cases & Service Operations

Location

DESCRIPTION

A Location is the physical place where healthcare services are provided, practitioners are employed, organizations are based, etc. Locations can range in scope from a room in a building to a geographic region/area.

SEARCH BY ID

[Base URL]/Location/{ LocationID }

Example: [Base Url]/Location/1--11800--PGM.00001

URL Parameter	R/O	Description	Format
{LocationID}	R	Location ID	1--{OrganizationID}--PGM.{LocationID} e.g 1--2700--PGM.00001

SEARCH BY PARAMETERS

Example: [Base URL]/Location?Organization=1?_count=50

Query Parameter	R/O	Description	Format
_id	O	Location Identifier	1--{OrganizationID}-- PGM.{SiteSequenceNumber} e.g 1--2700--PGM.00001
_lastUpdated	O	When the resource (Location version last changed)	YYYY-MM-DDTHH:MM:SS-07:00 *UTC Timezone can be -07 or -06 based on Daylight Saving
partof	O	Select Locations that are part of the specified location	String
Organization	O	Select Locations managed by the specified organization	OrganizationID e.g 2700
Endpoint	O	Select Locations with the specified endpoint	String
Address-city	O	Select Locations with the specified address.city	String
Address-state	O	Select Locations with the specified address.state	String
Address-postalcode	O	Select Locations with the specified address.postalCode	Zip Code e.g 90232-9998

Query Parameter	R/O	Description	Format
Address	O	Select Locations with the specified address	String
Type	O	Select Locations of the specified type	String
_has	O	Select Locations based on the properties of resources that refer to them	String
_include	O	Include additional resources referenced from returned search results in search results	String
_reinclude	O	Include additional resources with references to matching search results in search results	String
_count	O	The number of records to be loaded	Number (capped at 100) e.g 100
ct	O	The token to load the next batch of records	String

API RESPONSE - SEARCH BY ID

Query Parameter	Description
id	Location Unique ID
Meta	Meta information for the resource
Language	Communication language
Identifier	Identifier for the location
Status	Current status of the location
Name	Name of the location
Telecom	Value in any kind of contact
Address	Address of contact
managingOrganization	Information about managing organization

API RESPONSE- VARIOUS PARAMETERS

Query Parameter	Description
resourcetype	Bundle resource
meta	Meta information for the resource
link	Link for parameter search
Entry.id	Location Unique ID
Entry. Meta	Meta information for the resource
Entry. Language	Communication language
Entry. Identifier	Identifier for the location
Entry. Status	Current status of the location
Entry. Name	Name of the location

Entry. Telecom	Value in any kind of contact
Entry. Address	Address of contact
Entry. managingOrganization	Information about managing organization

Location JSON Sample

CapabilityStatement

DESCRIPTION

A Capability Statement documents a set of capabilities (behaviors) of a FHIR Server or Client for a particular version of FHIR that may be used as a statement of actual server functionality or a statement of required or desired server implementation. The Microsoft Azure Healthcare APIs Capability Statement provides all of the metadata for the supported resources.

API URL

[Base URL]/metadata

API RESPONSE

Field	Description
context-type	A type of use context assigned to the capability statement
description	The description of the capability statement
_tag	Tags applied to this resource
mode	Mode - restful (server/client) or messaging (sender/receiver)
context-quantity	A quantity- or range-valued use context assigned to the capability statement
date	The capability statement publication date
version	The business version of the capability statement
_lastUpdated	When the resource version last changed
fhirversion	The version of FHIR
publisher	Name of the publisher of the capability statement
status	The current status of the capability statement
security-service	OAuth SMART-on-FHIR NTLM Basic Kerberos Certificates
format	formats supported (xml json ttl mime type)
jurisdiction	Intended jurisdiction for the capability statement
context-type-value	A use context type and value assigned to the capability statement
context-type-quantity	A use context type and quantity- or range-based value assigned to the capability statement
_source	Identifies where the resource comes from
context	A use context assigned to the capability statement

Field	Description
_security	Security Labels applied to this resource
name	Computationally friendly name of the capability statement
software	Part of the name of a software application
_id	Logical id of this artifact
url	The uri that identifies the capability statement
title	The human-friendly name of the capability statement
resource	Name of a resource mentioned in a capability statement
_profile	Profiles this resource claims to conform to
_security	Security Labels applied to this resource
identifier	Identifies this endpoint across multiple systems
_profile	Profiles this resource claims to conform to
payload-type	The type of content that may be used at this endpoint (e.g. XDS Discharge summaries)
_id	Logical id of this artifact
_lastUpdated	When the resource version last changed
_source	Identifies where the resource comes from
status	The current status of the Endpoint (usually expected to be active)
organization	The organization that is managing the endpoint
connection-type	Protocol/Profile/Standard to be used with this endpoint connection
name	A name that this endpoint can be identified by
_tag	Tags applied to this resource
characteristic	One of the HealthcareService's characteristics
service-category	Service Category of the Healthcare Service
_security	Security Labels applied to this resource
program	One of the Programs supported by this HealthcareService
identifier	External identifiers for this item
_profile	Profiles this resource claims to conform to
active	The Healthcare Service is currently marked as active
coverage-area	Location(s) service is intended for/available to
service-type	The type of service provided by this healthcare service
_source	Identifies where the resource comes from
_lastUpdated	When the resource version last changed
_id	Logical id of this artifact
organization	The organization that provides this Healthcare Service
location	The location of the Healthcare Service
name	A portion of the Healthcare service name
_tag	Tags applied to this resource
endpoint	Technical endpoints providing access to electronic services operated for the healthcare service
specialty	The specialty of the service provided by this healthcare service
owned-by	An organization of which this organization forms a part

Field	Description
_security	Security Labels applied to this resource
identifier	Any identifier for the organization (not the accreditation issuer's identifier)
_profile	Profiles this resource claims to conform to
address	A server defined search that may match any of the string fields in the Address including line city district state country postalCode and/or text
administered-by	Product administrator
_source	Identifies where the resource comes from
_lastUpdated	When the resource version last changed
_id	Logical id of this artifact
status	Is the Organization record active
address-city	A city specified in an address
address-postalcode	A postal code specified in an address
name	A portion of the organization's name or alias
_tag	Tags applied to this resource
endpoint	Technical endpoint
address-country	A country specified in an address
phonetic	A portion of the organization's name using some kind of phonetic matching algorithm
address-use	A use code specified in an address
address-state	A state specified in an address
type	A code for the type of organization
partof	A location of which this location is a part
_security	Security Labels applied to this resource
identifier	An identifier for the location
_profile	Profiles this resource claims to conform to
address	A (part of the) address of the location
operational-status	Searches for locations (typically bed/room) that have an operational status (e.g. contaminated housekeeping)
_id	Logical id of this artifact
_lastUpdated	When the resource version last changed
_source	Identifies where the resource comes from
status	Searches for locations with a specific kind of status
address-city	A city specified in an address
address-postalcode	A postal code specified in an address
organization	Searches for locations that are managed by the provided organization
name	A portion of the location's name or alias
_tag	Tags applied to this resource
endpoint	Technical endpoints providing access to services operated for the location
address-country	A country specified in an address
address-use	A use code specified in an address
address-state	A state specified in an address

Field	Description
type	A code for the type of location
partof	An organization of which this organization forms a part
_security	Security Labels applied to this resource
identifier	Any identifier for the organization (not the accreditation issuer's identifier)
_profile	Profiles this resource claims to conform to
address	A server defined search that may match any of the string fields in the Address including line city district state country postalCode and/or text
active	Is the Organization record active
_source	Identifies where the resource comes from
_lastUpdated	When the resource version last changed
_id	Logical id of this artifact
address-city	A city specified in an address
address-postalcode	A postal code specified in an address
name	A portion of the organization's name or alias
_tag	Tags applied to this resource
endpoint	Technical endpoints providing access to services operated for the organization
address-country	A country specified in an address
phonetic	A portion of the organization's name using some kind of phonetic matching algorithm
address-use	A use code specified in an address
address-state	A state specified in an address
type	A code for the type of organization
phone	A value in a phone contact
date	The period during which the participatingOrganization is affiliated with the primary organization
_security	Security Labels applied to this resource
email	A value in an email contact
service	Healthcare services provided through the role
identifier	An organization affiliation's Identifier
_profile	Profiles this resource claims to conform to
role	Definition of the role the participatingOrganization plays
active	Whether this organization affiliation record is in active use
network	Health insurance provider network in which the participating Organization provides the role's services (if defined) at the indicated locations (if defined)
telecom	The value in any kind of contact
_id	Logical id of this artifact
_lastUpdated	When the resource version last changed
_source	Identifies where the resource comes from
location	The location(s) at which the role occurs
participating-organization	The organization that provides services to the primary organization
_tag	Tags applied to this resource

Field	Description
primary-organization	The organization that receives the services from the participating organization
endpoint	Technical endpoints providing access to services operated for this role
specialty	Specific specialty of the participating Organization in the context of the role
phone	A value in a phone contact
_security	Security Labels applied to this resource
email	A value in an email contact
family	A portion of the family name of the patient
identifier	A practitioner's Identifier
_profile	Profiles this resource claims to conform to
address	A server defined search that may match any of the string fields in the Address including line city district state country postalCode and/or text
active	Whether the practitioner record is active
telecom	The value in any kind of telecom details of the patient
_id	Logical id of this artifact
_lastUpdated	When the resource version last changed
_source	Identifies where the resource comes from
gender	Multiple Resources:
address-city	Multiple Resources:
given	Multiple Resources:
address-postalcode	Multiple Resources:
name	A server defined search that may match any of the string fields in the HumanName including family give prefix suffix suffix and/or text
_tag	Tags applied to this resource
communication	One of the languages that the practitioner can communicate with
address-country	A country specified in an address
phonetic	A portion of either family or given name using some kind of phonetic matching algorithm
address-use	A use code specified in an address
address-state	A state specified in an address
phone	A value in a phone contact
date	The period during which the practitioner is authorized to perform in these role(s)
_security	Security Labels applied to this resource
email	A value in an email contact
service	The list of healthcare services that this worker provides for this role's Organization/Location(s)
identifier	A practitioner's Identifier
_profile	Profiles this resource claims to conform to
role	The practitioner can perform this role at for the organization
active	Whether this practitioner role record is in active use
telecom	The value in any kind of telecom details of the patient
_source	Identifies where the resource comes from

Field	Description
_lastUpdated	When the resource version last changed
_id	Logical id of this artifact
organization	The identity of the organization the practitioner represents / acts on behalf of
location	One of the locations at which this practitioner provides care
_tag	Tags applied to this resource
endpoint	Technical endpoints providing access to services operated for the practitioner with this role
practitioner	Practitioner that is able to provide the defined services for the organization
specialty	The practitioner has this specialty at an organization
_type	N/A token
_count	N/A number

[CapabilityStatement JSON Sample](#)

Endpoint

DESCRIPTION

An endpoint describes the technical details of a location that can be connected to for the delivery/retrieval of information. Sufficient information is required to ensure that a connection can be made securely, and appropriate data transmitted as defined by the endpoint owner. The endpoint search API can include various combinations of parameters as listed in the table below.

SEARCH BY ID

[Base URL]/Endpoint/{Id}

Example: [Base URL]/Endpoint/DPH-SAPC

URL Parameter	R/O	Description	Format
Id	R	Logical ID of the Resource (Endpoint)	Format of Endpoint Resource

SEARCH BY PARAMETERS

[Base URL]/Endpoint/{[parameter=value]}

Example:

https://[Base URL]/ Endpoint?_count=1

Query Parameter	R/O	Description	Format
_id	O	Logical ID of the Resource (Endpoint)	Format of Endpoint Resource

Query Parameter	R/O	Description	Format
_lastUpdated	O	When the resource (Endpoint) version last changed	YYYY-MM-DDTHH:MM:SS-07:00 *UTC Timezone can be -07 or -06 based on Daylight Saving
Organization	O	Select Endpoints managed by the specified organization	OrganizationID e.g 2700
_has	O	Select Endpoints based on the properties of resources that refer to them	String
_include	O	Include additional resources referenced from returned search results in search results	String
_count	O	The number of records to be loaded	Number e.g 100
ct	O	The token to load the next batch of records	String

[Endpoint JSON Sample](#)

HealthcareService

DESCRIPTION

This Api provides information on various health care services available.

SEARCH BY ID

[Base URL]/HealthcareService/{id}

URL Parameter	R/O	Description	Format
{id}	R	HealthcareService Identifier	1--{OrganizationID}--{LocationID} 1--1200--PGM.00001

Example: [Base URL]/HealthcareService/1--1200--PGM.00001

SEARCH BY PARAMETERS

[Base URL]/HealthcareService /{[parameter=value]}

Example:

[Base URL]/HealthcareService?_count=1

[Base URL]/HealthcareService?organization=1200&name=BEHA%2010419%20South%20Budlong%20Ave%20

Query Parameter	R/O	Description	Format
_id	O	Insurance Plan ID	1--{OrganizationID}-- {LocationID}
_lastUpdated	O	Last updated date	YYYY-MM-DDTHH:MM:SS- 07:00 *UTC Timezone can be -07 or -06 based on Daylight Saving
administered-by	O	Organization administering the product	string
location	O	HealthcareServices available at the specified location	string
coverage-area	O	services available in a region described by the specified location	string
organization	O	HealthcareServices provided by the specified organization	number
endpoint	O	HealthcareServices with the specified endpoint	string
name	O	HealthcareServices with the specified name	string
service-category	O	HealthcareServices providing the specified category of services	string
Service-type	O	HealthcareServices of the specified type	
specialty	O	services associated with the specified specialty	string
_has	O	HealthcareServices based on the properties of resources that refer to them	string
_include	O	additional resources referenced from returned search results in search results	string
_reinclude	O	additional resources with references to matching search results in search results	
_count	O	The number of records to be loaded	number
ct	O	The token to load the next batch of records	string

API RESPONSE - SEARCH BY ID

Field Name	Description
id	Health care service ID
meta	Meta information for the resource
language	Communication language
active	Service status
providedBy	Organization name providing the health care service

Field Name	Description
location	Location for the health care service
name	name of the health care service

API RESPONSE- VARIOUS PARAMETERS

Query Parameter	Description
resourcetype	Bundle resource
meta	Meta information for the resource
link	Link for parameter search
Entry.id	Health care service ID
Entry. meta	Meta information for the resource
Entry. language	Communication language
Entry. active	Service status
Entry. providedBy	Organization name providing the health care service
Entry. location	Location for the health care service
Entry. name	name of the health care service

[HealthcareService JSON Sample](#)

InsurancePlan

DESCRIPTION

The insurance plan Api provides information on various insurance plans, offered by different insurance companies.

SEARCH BY ID

[Base URL]/InsurancePlan/{id}

URL Parameter	R/O	Description	Format
{id}	R	InsurancePlan ID	Number

Example: [Base URL]/InsurancePlan/1

SEARCH BY PARAMETERS

[Base URL]/InsurancePlan/{[parameter=value]}

Example:

[Base URL]/InsurancePlan?ct=1

[Base URL]/InsurancePlan?_id=1&_count=2

[Base URL]/InsurancePlan?_id=1&_lastUpdated=7-26-2023&administered-by=LACounty&coverage-area=Los%20Angeles&plan-type=ppo

Query Parameter	R/O	Description	Format
_id	O	Insurance Plan ID	number
_lastUpdated	O	Last updated date	YYYY-MM-DDTHH:MM:SS-07:00 *UTC Timezone can be -07 or -06 based on Daylight Saving
administered-by	O	Organization administering the product	string
owned-by	O	Organization owning the product	string
coverage-area	O	Product service availability area	string
name	O	Product name	string
plan-type	O	Insurance plan type	string
identifier	O	Select Organizations of the specified type	string
type		Insurance plans of the specified plan type	string
_has	O	Insurance Plans based on the properties of resources that refer to them	string
_include	O	additional resources referenced from returned search results in search results	string
_count	O	The number of records to be loaded	number
ct	O	The token to load the next batch of records	string

[InsurancePlan JSON Sample](#)

Organization

DESCRIPTION

An Organization is a formally or informally recognized grouping of people or organization formed for the purpose of achieving some form of collective action. This includes companies, institutions, corporations, departments, community groups, healthcare practice groups, payer/insurer, etc.

SEARCH BY ID

[Base URL]/Organization/{id}

Example: [Base URL]/Organization/1

URL Parameter	R/O	Description	Format
{OrganizationID}	R	Organization ID	number

SEARCH BY PARAMETERS

Example:

[Base URL]/Organization?address=los%20angeles

https://[Base URL]/api/Organization?_id=100&_count=1

Query Parameter	R/O	Description	Format
_id	O	Logical ID of the Resource (Organization)	Number
_lastUpdated	O	When the resource (Organization) version last changed	YYYY-MM-DDTHH:MM:SS-07:00 *UTC Timezone can be -07 or -06 based on Daylight Saving
partof	O	Select Organizations that are part of the specified organization	string
endpoint	O	Select Organizations with the specified endpoint	string
address	O	Select organizations with the specified address (matches any of the string elements of an address)	string
name	O	Select Organizations with the specified name	string
type	O	Select Organizations of the specified type	string
Coverage-area	O	Select health insurance provider networks available in a region described by the specified location	string
_has	O	Select Organizations based on the properties of resources that refer to them	string
_include	O	Include additional resources referenced from returned search results in search results	string
_reinclude	O	Include additional resources with references to matching	string

		search results in search results	
_count	0	The number of records to be loaded	number
ct	0	The token to load the next batch of records	string

API RESPONSE - SEARCH BY ID

Element	Description
id	Unique Identifying ID
meta	Meta information for the resource
language	Communication language
identifier	Identifier for the organization
active	Service status
Type	The kind of Organization that this is
Name	The name associated with the Organization
Telecom	Contact detail for the Organization
Address	Address for the Organization
contact	Contact for the organization for a certain purpose

API RESPONSE- VARIOUS PARAMETERS

Query Parameter	Description
resourcetype	Bundle resource
meta	Meta information for the resource
link	Link for parameter search
Entry.id	Unique Identifying ID
Entry. meta	Meta information for the resource
Entry. language	Communication language
Entry. identifier	Identifier for the organization
Entry. active	Service status
Entry. Type	The kind of Organization that this is
Entry. Name	The name associated with the Organization
Entry. Telecom	Contact detail for the Organization
Entry. Address	Address for the Organization
Entry. contact	Contact for the organization for a certain purpose

[Organization JSON Sample](#)

OrganizationAffiliation

DESCRIPTION

The OrganizationAffiliation defines an affiliation/association/relationship between organizations with healthcare services and locations.

SEARCH BY ID

[Base URL]/OrganizationAffiliation/{id}

Example: [Base URL]/OrganizationAffiliation/1

URL Parameter	R/O	Description	Format
{OrganizationAffiliationID}	R	Organization Affiliation ID	number

SEARCH BY PARAMETERS

Example:

[Base URL]/OrganizationAffiliation?location=Los%20Angeles

https:// [Base URL]/api/OrganizationAffiliation?_id=1000&_lastUpdated=2023-05-15T20%3A42%3A25.886%2B00%3A00&_count=1

Query Parameter	R/O	Description	Format
_id	O	Logical ID of the Resource (OrganizationAffiliation)	number
_lastUpdated	O	When the resource (OrganizationAffiliation) version last changed	YYYY-MM-DDTHH:MM:SS-07:00 *UTC Timezone can be -07 or -06 based on Daylight Saving
Primary-organization	O	Select roles offered by the specified organization	string
Participating-organization	O	Select roles filled by the specified organization	string
location	O	Select OrganizationAffiliations available at the specified location	String
service	O	Select OrganizationAffiliations providing the specified service	String
network	O	Select roles where the organization is a member of the specified health insurance provider network	string
endpoint	O	Select OrganizationAffiliations with the specified endpoint	String
role	O	Select OrganizationAffiliations with the specified role	String

Query Parameter	R/O	Description	Format
speciality	O	Select OrganizationAffiliations associated with the specified speciality	String
_has	O	Select Organizations based on the properties of resources that refer to them	String
_include	O	Include additional resources referenced from returned search results in search results	String
_count	O	The number of records to be loaded	number
ct	O	The token to load the next batch of records	string

API RESPONSE - SEARCH BY ID

Element	Description
id	Unique Identifying ID
meta	Meta information for the resource
active	Service status
language	Communication language
Organization	Organization where the role is available
Code	Definition of the role the participatingOrganization plays in the association
Speciality	Specific specialty of the participatingOrganization in the context of the role
Location	The location(s) at which the role occurs
healthcareService	Healthcare services provided through the role

API RESPONSE- VARIOUS PARAMETERS

Query Parameter	Description
resourcetype	Bundle resource
meta	Meta information for the resource
link	Link for parameter search
Entry.id	Unique Identifying ID
Entry. meta	Meta information for the resource
Entry. active	Service status
Entry. language	Communication language
Entry. Organization	Organization where the role is available
Entry. Code	Definition of the role the participatingOrganization plays in the association
Entry. Speciality	Specific specialty of the participatingOrganization in the context of the role
Entry. Location	The location(s) at which the role occurs
Entry. healthcareService	Healthcare services provided through the role

[OrganizationAffiliation JSON Sample](#)

Practitioner

DESCRIPTION

A Practitioner provides information about a person formally involved in the healthcare process and healthcare related services on behalf of a healthcare facility. Practitioners include and not limited to physicians, nurses, pharmacists, therapists, technologists and social workers.

SEARCH BY ID

[Base URL]/Practitioner/{id}

Example: [Base URL]/Practitioner/002683

URL Parameter	R/O	Description	Format
{PractitionerID}	R	Practitioner ID	6 digits e.g 002683

SEARCH BY PARAMETERS

Example:

[Base URL]/Practitioner?given=Ben

[https://\[Base URL\]/api/Practitioner?_id=002683&_count=1](https://[Base URL]/api/Practitioner?_id=002683&_count=1)

[https://\[Base URL\]/api/Practitioner?_id=002683&_lastUpdated=2023-06-27T19%3A18%3A10.7%2B00%3A00&_count=1](https://[Base URL]/api/Practitioner?_id=002683&_lastUpdated=2023-06-27T19%3A18%3A10.7%2B00%3A00&_count=1)

Query Parameter	R/O	Description	Format
_id	O	Logical ID of the Resource (Practitioner)	number
_lastUpdated	O	When the resource (Practitioner) version last changed	YYYY-MM-DDTHH:MM:SS-07:00 *UTC Timezone can be -07 or -06 based on Daylight Saving
name	O	Select Practitioners with the specified name (matches against any of the elements in the HumanName data type)	string
family	O	Select Practitioners with the specified family name(lastname)	string

Query Parameter	R/O	Description	Format
given	O	Select Practitioners with the specified given name(firstname)	string
_has	O	Select Practitioners based on the properties of resources that refer to them	string
_reinclude	O	Include additional resources with references to matching search results in search results	string
_count	O	The number of records to be loaded	number
ct	O	The token to load the next batch of records	string

API RESPONSE - SEARCH BY ID

Element	Description
id	Unique Identifying ID
meta	Meta information for the resource
language	Communication language
active	Service status
Extension:practitioner-discipline	Discipline of provider
name	The name(s) associated with the practitioner.
telecom	A contact detail for the practitioner, e.g. a telephone number or an email address

API RESPONSE- VARIOUS PARAMETERS

Query Parameter	Description
resourcetype	Bundle resource
meta	Meta information for the resource
link	Link for parameter search
Entry.id	Unique Identifying ID
Entry. meta	Meta information for the resource
Entry. language	Communication language
Entry. active	Service status
Entry. Extension:practitioner-discipline	Discipline of provider
Entry. name	The name(s) associated with the practitioner.
Entry. telecom	A contact detail for the practitioner, e.g. a telephone number or an email address

[Practitioner JSON Sample](#)

PractitionerRole

DESCRIPTION

The PractitionerRole indicates which organizations, locations and healthcare services are related to the practitioner. It also relates to a specific set of Roles/Locations/specialties/services that a practitioner may perform at an organization for a period of time.

SEARCH BY ID

[Base URL]/PractitionerRole/{id}

Example: [Base URL]/PractitionerRole/1

URL Parameter	R/O	Description	Format
{PractitionerRoleID}	R	Practitioner Role ID	number

SEARCH BY PARAMETERS

Example:

[Base URL]/PractitionerRole?_id=000001

[https://\[Base URL\]/api/PractitionerRole?_id=000001&ct=1](https://[Base URL]/api/PractitionerRole?_id=000001&ct=1)

Query Parameter	R/O	Description	Format
_id	O	Logical ID of the Resource (PractitionerRole)	number
_lastUpdated	O	When the resource (PractitionerRole) version last changed	YYYY-MM-DDTHH:MM:SS-07:00 *UTC Timezone can be -07 or -06 based on Daylight Saving
Practitioner	O	Select roles filled by the specified practitioner	string
Organization	O	Select PractitionerRoles available at the specified organization	string
Location	O	Select PractitionerRoles available at the specified location.	string
Service	O	Select PractitionerRoles providing the specified service	string
Network	O	Select roles where the practitioner is a	string

Query Parameter		R/O	Description	Format
			member of the specified health insurance provider network	
Endpoint		O	Select PractitionerRoles with the specified endpoint	string
Role		O	Select PractitionerRoles with the specified role	string
Specialty		O	Select PractitionerRoles associated with the specified specialty	string
_has		O	Select PractitionerRoles based on the properties of resources that refer to them	string
_include		O	Include additional resources referenced from returned search results in search results	string
_count		O	The number of records to be loaded	number
ct		O	The token to load the next batch of records	string

API RESPONSE - SEARCH BY ID

Element	Description
id	Unique Identifying ID
meta	Meta information for the resource
language	Communication language
active	Service status
practitioner	Practitioner that is able to provide the defined services for the organization
organization	The organization where the Practitioner performs the roles associated.
telecom	Contact details that are specific to the role/location/service.

API RESPONSE- VARIOUS PARAMETERS

Query Parameter	Description
resourcetype	Bundle resource
meta	Meta information for the resource
link	Link for parameter search
Entry.id	Unique Identifying ID
Entry.meta	Meta information for the resource

Entry. language	Communication language
Entry. active	Service status
Entry. practitioner	Practitioner that is able to provide the defined services for the organization
Entry. organization	The organization where the Practitioner performs the roles associated.
Entry. telecom	Contact details that are specific to the role/location/service.

[PractitionerRole JSON Sample](#)

API JSON Output Samples

Location

```
{
  "resourceType": "Location",
  "id": "1--11800--PGM.00001",
  "meta": {
    "versionId": "36",
    "lastUpdated": "2023-06-06T21:20:13.377+00:00",
    "profile": [
```

```

    "http://hl7.org/fhir/us/davinci-pdex-plan-
net/StructureDefinition/plannet-Location"
  ]
},
"language": "en-US",
"identifier": [
  {
    "type": {
      "coding": [
        {
          "system": "http://terminology.hl7.org/CodeSystem/v2-0203",
          "code": "NPI",
          "display": "National provider identifier"
        }
      ]
    },
    "system": "http://hl7.org/fhir/sid/us-npi",
    "value": "1073045589"
  },
  {
    "use": "secondary",
    "type": {
      "coding": [
        {
          "system": "http://terminology.hl7.org/CodeSystem/v2-0203",
          "code": "FI",
          "display": "Facility ID"
        }
      ]
    },
    "system": "service_program_code",
    "value": "0538"
  }
],
"status": "active",
"name": "AFCS 22722 Soledad Canyon Rd",
"telecom": [
  {
    "system": "phone",
    "value": "6617537272",
    "rank": 1
  },
  {
    "system": "fax",
    "value": "661-297-9701",
    "rank": 2
  },
  {
    "system": "email",
    "value": "srquashen@actionfamily.org",
    "rank": 3
  },
  {
    "extension": [
      {
        "extension": [
          {

```

```

        "url": "daysOfWeek",
        "valueString": "sat"
    },
    {
        "url": "availableStartTime",
        "valueString": "09:00"
    },
    {
        "url": "availableEndTime",
        "valueString": "17:00"
    }
],
    "url": "http://hl7.org/fhir/us/davinci-pdex-plan-
net/StructureDefinition/contactpoint-availabletime"
},
{
    "extension": [
        {
            "url": "daysOfWeek",
            "valueString": "mon"
        },
        {
            "url": "daysOfWeek",
            "valueString": "tue"
        },
        {
            "url": "daysOfWeek",
            "valueString": "wed"
        },
        {
            "url": "daysOfWeek",
            "valueString": "thu"
        },
        {
            "url": "daysOfWeek",
            "valueString": "fri"
        },
        {
            "url": "availableStartTime",
            "valueString": "09:00"
        },
        {
            "url": "availableEndTime",
            "valueString": "21:00"
        }
    ],
    "url": "http://hl7.org/fhir/us/davinci-pdex-plan-
net/StructureDefinition/contactpoint-availabletime"
}
],
    "system": "other",
    "value": "hoursOfOperation",
    "rank": 4
}
],
"address": {
    "type": "physical",

```

```

"line": [
  "22722 Soledad Canyon Road"
],
"city": "Santa Clarita",
"state": "CA",
"postalCode": "91350"
},
"managingOrganization": {
  "reference": "Organization/11800",
  "display": "ACTION FAMILY COUNSELING-SCV, INC."
},
"hoursOfOperation": [
  {
    "daysOfWeek": [
      "sat"
    ],
    "openingTime": "09:00",
    "closingTime": "17:00"
  },
  {
    "daysOfWeek": [
      "mon",
      "tue",
      "wed",
      "thu",
      "fri"
    ],
    "openingTime": "09:00",
    "closingTime": "21:00"
  }
]
}

```

CapabilityStatement

```

{
  "resourceType": "CapabilityStatement",
  "url": "[Base URL]/metadata",
  "version": "1.0.0.0",
  "name": "Microsoft Azure Healthcare APIs 3.4.200 Capability Statement",
  "status": "active",
  "experimental": true,
  "date": "2023-08-01T23:22:23.0211532+00:00",
  "publisher": "Microsoft",
  "contact": [
    {
      "telecom": [
        {
          "system": "url",
          "value": "https://www.microsoft.com"
        }
      ]
    }
  ]
}

```



```

    }
  ],
  "kind": "capability",
  "software": {
    "name": "Azure Healthcare APIs",
    "version": "3.4.200"
  },
  "fhirVersion": "4.0.1",
  "format": [
    "application/fhir+json",
    "json"
  ],
  "patchFormat": [
    "application/fhir+json",
    "application/json-patch+json"
  ],
  "rest": [
    {
      "mode": "server",
      "security": {
        "service": [
          {
            "coding": [
              {
                "system": "http://terminology.hl7.org/CodeSystem/restful-
security-service",
                "code": "OAuth"
              }
            ]
          }
        ]
      }
    }
  ],
  "resource": [
    {
      "type": "CapabilityStatement",
      "profile":
"http://hl7.org/fhir/StructureDefinition/CapabilityStatement",
      "versioning": "versioned",
      "readHistory": true,
      "updateCreate": true,
      "conditionalCreate": true,
      "conditionalUpdate": true,
      "conditionalDelete": "single",
      "searchRevInclude": [
        "Appointment:supporting-info",
        "AuditEvent:entity",
        "Basic:subject",
        "ClinicalImpression:supporting-info",
        "Communication:part-of",
        "Communication:based-on",
        "CommunicationRequest:based-on",
        "Composition:entry",
        "Composition:subject",
        "Condition:evidence-detail",
        "Consent:data",
        "Contract:subject",
        "DetectedIssue:implicated",

```

```

"DeviceRequest:prior-request",
"DeviceRequest:based-on",
"DocumentManifest:related-ref",
"DocumentManifest:item",
"DocumentReference:related",
"ImmunizationRecommendation:information",
"ImplementationGuide:resource",
"Linkage:source",
"Linkage:item",
>List:item",
"MeasureReport:evaluated-resource",
"MesSAGE Header:focus",
"Observation:focus",
"PaymentNotice:response",
"PaymentNotice:request",
"Provenance:entity",
"Provenance:target",
"QuestionnaireResponse:subject",
"Task:subject",
"Task:focus",
"Task:based-on",
"VerificationResult:target"
],
"searchParam": [
  {
    "name": "_security",
    "definition": "http://hl7.org/fhir/SearchParameter/Resource-
security",
    "type": "token",
    "documentation": "Security Labels applied to this resource"
  },
  {
    "name": "fhirversion",
    "definition":
"http://hl7.org/fhir/SearchParameter/CapabilityStatement-fhirversion",
    "type": "token",
    "documentation": "The version of FHIR"
  },
  {
    "name": "jurisdiction",
    "definition": "http://hl7.org/fhir/SearchParameter/conformance-
jurisdiction",
    "type": "token",
    "documentation": "Multiple Resources: \r\n\r\n*
[CapabilityStatement](capabilitystatement.html): Intended jurisdiction for
the capability statement\r\n* [CodeSystem](codesystem.html): Intended
jurisdiction for the code system\r\n* [ConceptMap](conceptmap.html): Intended
jurisdiction for the concept map\r\n*
[GraphDefinition](graphdefinition.html): Intended jurisdiction for the graph
definition\r\n* [ImplementationGuide](implementationguide.html): Intended
jurisdiction for the implementation guide\r\n* [MesSAGE Definition](mesSAGE
definition.html): Intended jurisdiction for the mesSAGE definition\r\n*
[NamingSystem](namingsystem.html): Intended jurisdiction for the naming
system\r\n* [OperationDefinition](operationdefinition.html): Intended
jurisdiction for the operation definition\r\n*
[SearchParameter](searchparameter.html): Intended jurisdiction for the search
parameter\r\n* [StructureDefinition](structuredefinition.html): Intended

```

```

jurisdiction for the structure definition\r\n*
[StructureMap](structuremap.html): Intended jurisdiction for the structure
map\r\n* [TerminologyCapabilities](terminologycapabilities.html): Intended
jurisdiction for the terminology capabilities\r\n* [ValueSet](valueset.html):
Intended jurisdiction for the value set"
    },
    {
      "name": "context-type-value",
      "definition": "http://hl7.org/fhir/SearchParameter/conformance-
context-type-value",
      "type": "composite",
      "documentation": "Multiple Resources: \r\n\r\n*
[CapabilityStatement](capabilitystatement.html): A use context type and value
assigned to the capability statement\r\n* [CodeSystem](codesystem.html): A
use context type and value assigned to the code system\r\n*
[CompartmentDefinition](compartmentdefinition.html): A use context type and
value assigned to the compartment definition\r\n*
[ConceptMap](conceptmap.html): A use context type and value assigned to the
concept map\r\n* [GraphDefinition](graphdefinition.html): A use context type
and value assigned to the graph definition\r\n*
[ImplementationGuide](implementationguide.html): A use context type and value
assigned to the implementation guide\r\n* [MesSAGE Definition](mesSAGE
definition.html): A use context type and value assigned to the mesSAGE
definition\r\n* [NamingSystem](namingsystem.html): A use context type and
value assigned to the naming system\r\n*
[OperationDefinition](operationdefinition.html): A use context type and value
assigned to the operation definition\r\n*
[SearchParameter](searchparameter.html): A use context type and value
assigned to the search parameter\r\n*
[StructureDefinition](structuredefinition.html): A use context type and value
assigned to the structure definition\r\n* [StructureMap](structuremap.html):
A use context type and value assigned to the structure map\r\n*
[TerminologyCapabilities](terminologycapabilities.html): A use context type
and value assigned to the terminology capabilities\r\n*
[ValueSet](valueset.html): A use context type and value assigned to the value
set"
    },
    {
      "name": "resource",
      "definition":
"http://hl7.org/fhir/SearchParameter/CapabilityStatement-resource",
      "type": "token",
      "documentation": "Name of a resource mentioned in a capability
statement"
    },
    {
      "name": "publisher",
      "definition": "http://hl7.org/fhir/SearchParameter/conformance-
publisher",
      "type": "string",
      "documentation": "Multiple Resources: \r\n\r\n*
[CapabilityStatement](capabilitystatement.html): Name of the publisher of the
capability statement\r\n* [CodeSystem](codesystem.html): Name of the
publisher of the code system\r\n*
[CompartmentDefinition](compartmentdefinition.html): Name of the publisher of
the compartment definition\r\n* [ConceptMap](conceptmap.html): Name of the
publisher of the concept map\r\n* [GraphDefinition](graphdefinition.html):

```

```

Name of the publisher of the graph definition\r\n*
[ImplementationGuide](implementationguide.html): Name of the publisher of the
implementation guide\r\n* [MesSAGE Definition](messAGE definition.html): Name
of the publisher of the mesSAGE definition\r\n*
[NamingSystem](namingsystem.html): Name of the publisher of the naming
system\r\n* [OperationDefinition](operationdefinition.html): Name of the
publisher of the operation definition\r\n*
[SearchParameter](searchparameter.html): Name of the publisher of the search
parameter\r\n* [StructureDefinition](structuredefinition.html): Name of the
publisher of the structure definition\r\n* [StructureMap](structuremap.html):
Name of the publisher of the structure map\r\n*
[TerminologyCapabilities](terminologycapabilities.html): Name of the
publisher of the terminology capabilities\r\n* [ValueSet](valueset.html):
Name of the publisher of the value set"
    },
    {
      "name": "url",
      "definition": "http://hl7.org/fhir/SearchParameter/conformance-
url",
      "type": "uri",
      "documentation": "Multiple Resources: \r\n\r\n*"
[CapabilityStatement](capabilitystatement.html): The uri that identifies the
capability statement\r\n* [CodeSystem](codesystem.html): The uri that
identifies the code system\r\n*
[CompartmentDefinition](compartmentdefinition.html): The uri that identifies
the compartment definition\r\n* [ConceptMap](conceptmap.html): The uri that
identifies the concept map\r\n* [GraphDefinition](graphdefinition.html): The
uri that identifies the graph definition\r\n*
[ImplementationGuide](implementationguide.html): The uri that identifies the
implementation guide\r\n* [MesSAGE Definition](messAGE definition.html): The
uri that identifies the mesSAGE definition\r\n*
[OperationDefinition](operationdefinition.html): The uri that identifies the
operation definition\r\n* [SearchParameter](searchparameter.html): The uri
that identifies the search parameter\r\n*
[StructureDefinition](structuredefinition.html): The uri that identifies the
structure definition\r\n* [StructureMap](structuremap.html): The uri that
identifies the structure map\r\n*
[TerminologyCapabilities](terminologycapabilities.html): The uri that
identifies the terminology capabilities\r\n* [ValueSet](valueset.html): The
uri that identifies the value set"
    },
    {
      "name": "_profile",
      "definition": "http://hl7.org/fhir/SearchParameter/Resource-
profile",
      "type": "uri",
      "documentation": "Profiles this resource claims to conform to"
    },
    {
      "name": "status",
      "definition": "http://hl7.org/fhir/SearchParameter/conformance-
status",
      "type": "token",
      "documentation": "Multiple Resources: \r\n\r\n*"
[CapabilityStatement](capabilitystatement.html): The current status of the
capability statement\r\n* [CodeSystem](codesystem.html): The current status
of the code system\r\n* [CompartmentDefinition](compartmentdefinition.html):

```

```

The current status of the compartment definition\r\n*
[ConceptMap](conceptmap.html): The current status of the concept map\r\n*
[GraphDefinition](graphdefinition.html): The current status of the graph
definition\r\n* [ImplementationGuide](implementationguide.html): The current
status of the implementation guide\r\n* [MesSAGE Definition](mesSAGE
definition.html): The current status of the mesSAGE definition\r\n*
[NamingSystem](namingsystem.html): The current status of the naming
system\r\n* [OperationDefinition](operationdefinition.html): The current
status of the operation definition\r\n*
[SearchParameter](searchparameter.html): The current status of the search
parameter\r\n* [StructureDefinition](structuredefinition.html): The current
status of the structure definition\r\n* [StructureMap](structuremap.html):
The current status of the structure map\r\n*
[TerminologyCapabilities](terminologycapabilities.html): The current status
of the terminology capabilities\r\n* [ValueSet](valueset.html): The current
status of the value set"
    },
    {
      "name": "version",
      "definition": "http://hl7.org/fhir/SearchParameter/conformance-
version",
      "type": "token",
      "documentation": "Multiple Resources: \r\n\r\n*"
[CapabilityStatement](capabilitystatement.html): The business version of the
capability statement\r\n* [CodeSystem](codesystem.html): The business version
of the code system\r\n* [CompartmentDefinition](compartmentdefinition.html):
The business version of the compartment definition\r\n*
[ConceptMap](conceptmap.html): The business version of the concept map\r\n*
[GraphDefinition](graphdefinition.html): The business version of the graph
definition\r\n* [ImplementationGuide](implementationguide.html): The business
version of the implementation guide\r\n* [MesSAGE Definition](mesSAGE
definition.html): The business version of the mesSAGE definition\r\n*
[OperationDefinition](operationdefinition.html): The business version of the
operation definition\r\n* [SearchParameter](searchparameter.html): The
business version of the search parameter\r\n*
[StructureDefinition](structuredefinition.html): The business version of the
structure definition\r\n* [StructureMap](structuremap.html): The business
version of the structure map\r\n*
[TerminologyCapabilities](terminologycapabilities.html): The business version
of the terminology capabilities\r\n* [ValueSet](valueset.html): The business
version of the value set"
    },
    {
      "name": "mode",
      "definition":
"http://hl7.org/fhir/SearchParameter/CapabilityStatement-mode",
      "type": "token",
      "documentation": "Mode - restful (server/client) or messaging
(sender/receiver)"
    },
    {
      "name": "context",
      "definition": "http://hl7.org/fhir/SearchParameter/conformance-
context",
      "type": "token",
      "documentation": "Multiple Resources: \r\n\r\n*"
[CapabilityStatement](capabilitystatement.html): A use context assigned to

```

the capability statement\r\n* [CodeSystem](codesystem.html): A use context assigned to the code system\r\n*

[CompartmentDefinition](compartmentdefinition.html): A use context assigned to the compartment definition\r\n*

[ConceptMap](conceptmap.html): A use context assigned to the concept map\r\n*

[GraphDefinition](graphdefinition.html): A use context assigned to the graph definition\r\n*

[ImplementationGuide](implementationguide.html): A use context assigned to the implementation guide\r\n*

[MesSAGE Definition](mesSAGE definition.html): A use context assigned to the mesSAGE definition\r\n*

[NamingSystem](namingsystem.html): A use context assigned to the naming system\r\n*

[OperationDefinition](operationdefinition.html): A use context assigned to the operation definition\r\n*

[SearchParameter](searchparameter.html): A use context assigned to the search parameter\r\n*

[StructureDefinition](structuredefinition.html): A use context assigned to the structure definition\r\n*

[StructureMap](structuremap.html): A use context assigned to the structure map\r\n*

[TerminologyCapabilities](terminologycapabilities.html): A use context assigned to the terminology capabilities\r\n*

[ValueSet](valueset.html): A use context assigned to the value set"

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Kerberos | Certificates"
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  publication date\r\n* [CompartmentDefinition](compartmentdefinition.html):
  The compartment definition publication date\r\n*
  [ConceptMap](conceptmap.html): The concept map publication date\r\n*
  [GraphDefinition](graphdefinition.html): The graph definition publication
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  The mesSAGE definition publication date\r\n*
  [NamingSystem](namingsystem.html): The naming system publication date\r\n*
  [OperationDefinition](operationdefinition.html): The operation definition
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  [StructureDefinition](structuredefinition.html): The structure definition
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  publication date\r\n*
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[ImplementationGuide](implementationguide.html): The human-friendly name of
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[OperationDefinition](operationdefinition.html): The human-friendly name of
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[TerminologyCapabilities](terminologycapabilities.html): The human-friendly
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human-friendly name of the value set"
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        "documentation": "Logical id of this artifact"
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the code system\r\n* [CompartmentDefinition](compartmentdefinition.html): The
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The description of the concept map\r\n*
[GraphDefinition](graphdefinition.html): The description of the graph
definition\r\n* [ImplementationGuide](implementationguide.html): The
description of the implementation guide\r\n* [MesSAGE Definition](mesSAGE
definition.html): The description of the mesSAGE definition\r\n*
[NamingSystem](namingsystem.html): The description of the naming system\r\n*
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operation definition\r\n* [SearchParameter](searchparameter.html): The
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[StructureDefinition](structuredefinition.html): The description of the
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Computationally friendly name of the concept map\r\n*
[GraphDefinition](graphdefinition.html): Computationally friendly name of the
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mesSAGE definition\r\n* [NamingSystem](namingsystem.html): Computationally
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use context assigned to the operation definition\r\n*
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[StructureDefinition](structuredefinition.html): A quantity- or range-valued
use context assigned to the structure definition\r\n*
[StructureMap](structuremap.html): A quantity- or range-valued use context
assigned to the structure map\r\n*
[TerminologyCapabilities](terminologycapabilities.html): A quantity- or
range-valued use context assigned to the terminology capabilities\r\n*
[ValueSet](valueset.html): A quantity- or range-valued use context assigned
to the value set"
    },

```



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      "documentation": "When the resource version last changed"
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      "definition": "http://hl7.org/fhir/SearchParameter/conformance-
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[GraphDefinition](graphdefinition.html): A type of use context assigned to
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mesSAGE definition\r\n* [NamingSystem](namingsystem.html): A type of use
context assigned to the naming system\r\n*
[OperationDefinition](operationdefinition.html): A type of use context
assigned to the operation definition\r\n*
[SearchParameter](searchparameter.html): A type of use context assigned to
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type of use context assigned to the structure definition\r\n*
[StructureMap](structuremap.html): A type of use context assigned to the
structure map\r\n* [TerminologyCapabilities](terminologycapabilities.html): A
type of use context assigned to the terminology capabilities\r\n*
[ValueSet](valueset.html): A type of use context assigned to the value set"
    },
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      "type": "token",
      "documentation": "Tags applied to this resource"
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    },
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      "type": "composite",
      "documentation": "Multiple Resources: \r\n\r\n*
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quantity- or range-based value assigned to the capability statement\r\n*"
    }
  ]

```

```

[CodeSystem](codesystem.html): A use context type and quantity- or range-
based value assigned to the code system\r\n*
[CompartmentDefinition](compartmentdefinition.html): A use context type and
quantity- or range-based value assigned to the compartment definition\r\n*
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and quantity- or range-based value assigned to the terminology
capabilities\r\n* [ValueSet](valueset.html): A use context type and quantity-
or range-based value assigned to the value set"
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"http://hl7.org/fhir/SearchParameter/CapabilityStatement-format",
      "type": "token",
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type)"
    }
  ]
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  "readHistory": true,
  "updateCreate": true,
  "conditionalCreate": true,
  "conditionalUpdate": true,
  "conditionalDelete": "single",
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    "*"
  ],
},

```

```

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  "AuditEvent:entity",
  "Basic:subject",
  "ClinicalImpression:supporting-info",
  "Communication:part-of",
  "Communication:based-on",
  "CommunicationRequest:based-on",
  "Composition:entry",
  "Composition:subject",
  "Condition:evidence-detail",
  "Consent:data",
  "Contract:subject",
  "DetectedIssue:implicated",
  "DeviceRequest:prior-request",
  "DeviceRequest:based-on",
  "DocumentManifest:related-ref",
  "DocumentManifest:item",
  "DocumentReference:related",
  "HealthcareService:endpoint",
  "ImagingStudy:endpoint",
  "ImmunizationRecommendation:information",
  "ImplementationGuide:resource",
  "InsurancePlan:endpoint",
  "Linkage:source",
  "Linkage:item",
  "List:item",
  "Location:endpoint",
  "MeasureReport:evaluated-resource",
  "MesSAGE Header:focus",
  "Observation:focus",
  "Organization:endpoint",
  "OrganizationAffiliation:endpoint",
  "PaymentNotice:response",
  "PaymentNotice:request",
  "PractitionerRole:endpoint",
  "Provenance:entity",
  "Provenance:target",
  "QuestionnaireResponse:subject",
  "Task:subject",
  "Task:focus",
  "Task:based-on",
  "VerificationResult:target"
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    "documentation": "Profiles this resource claims to conform to"
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  {
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connection-type",
    "type": "token",

```

```

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this endpoint connection"
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        "documentation": "Security Labels applied to this resource"
    },
    {
        "name": "organization",
        "definition": "http://hl7.org/fhir/SearchParameter/Endpoint-
organization",
        "type": "reference",
        "documentation": "The organization that is managing the
endpoint"
    },
    {
        "name": "_tag",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-
tag",
        "type": "token",
        "documentation": "Tags applied to this resource"
    },
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        "name": "_source",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-
source",
        "type": "uri",
        "documentation": "Identifies where the resource comes from"
    },
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        "name": "_lastUpdated",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-
lastUpdated",
        "type": "date",
        "documentation": "When the resource version last changed"
    },
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        "type": "token",
        "documentation": "Logical id of this artifact"
    },
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        "definition": "http://hl7.org/fhir/SearchParameter/Endpoint-
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        "type": "string",
        "documentation": "A name that this endpoint can be identified
by"
    },
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        "name": "status",

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status",
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        "documentation": "The current status of the Endpoint (usually
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        "type": "token",
        "documentation": "Identifies this endpoint across multiple
systems"
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        "name": "payload-type",
        "definition": "http://hl7.org/fhir/SearchParameter/Endpoint-
payload-type",
        "type": "token",
        "documentation": "The type of content that may be used at this
endpoint (e.g. XDS Discharge summaries)"
    }
]
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{
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    "updateCreate": true,
    "conditionalCreate": true,
    "conditionalUpdate": true,
    "conditionalDelete": "single",
    "searchInclude": [
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        "HealthcareService:organization",
        "HealthcareService:endpoint",
        "HealthcareService:location",
        "*"
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        "Appointment:actor",
        "Appointment:supporting-info",
        "AppointmentResponse:actor",
        "AuditEvent:entity",
        "Basic:subject",
        "CarePlan:performer",
        "ClinicalImpression:supporting-info",
        "Communication:part-of",
        "Communication:based-on",
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        "Communication:sender",
        "CommunicationRequest:based-on",
        "CommunicationRequest:recipient",
        "CommunicationRequest:sender",

```

```

"Composition:entry",
"Composition:subject",
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"DeviceRequest:prior-request",
"DeviceRequest:based-on",
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"DocumentManifest:item",
"DocumentReference:related",
"ImmunizationRecommendation:information",
"ImplementationGuide:resource",
"Linkage:source",
"Linkage:item",
"List:item",
"MeasureReport:evaluated-resource",
"MesSAGE Header:focus",
"Observation:focus",
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"PaymentNotice:response",
"PaymentNotice:request",
"PractitionerRole:service",
"Provenance:entity",
"Provenance:target",
"QuestionnaireResponse:subject",
"Schedule:actor",
"ServiceRequest:performer",
"SupplyRequest:supplier",
"Task:subject",
"Task:focus",
"Task:based-on",
"Task:owner",
"VerificationResult:target"
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    "documentation": "Location(s) service is intended for/available
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```

        "documentation": "Security Labels applied to this resource"
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        "type": "token",
        "documentation": "The specialty of the service provided by this
healthcare service"
    },
    {
        "name": "organization",
        "definition":
"http://hl7.org/fhir/SearchParameter/HealthcareService-organization",
        "type": "reference",
        "documentation": "The organization that provides this
Healthcare Service"
    },
    {
        "name": "_tag",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-
tag",
        "type": "token",
        "documentation": "Tags applied to this resource"
    },
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        "definition":
"http://hl7.org/fhir/SearchParameter/HealthcareService-service-type",
        "type": "token",
        "documentation": "The type of service provided by this
healthcare service"
    },
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        "definition": "http://hl7.org/fhir/SearchParameter/Resource-
source",
        "type": "uri",
        "documentation": "Identifies where the resource comes from"
    },
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lastUpdated",
        "type": "date",
        "documentation": "When the resource version last changed"
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        "definition":
"http://hl7.org/fhir/SearchParameter/HealthcareService-program",
        "type": "token",
        "documentation": "One of the Programs supported by this
HealthcareService"
    },
    {
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```

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        "documentation": "Logical id of this artifact"
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        "definition":
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        "type": "token",
        "documentation": "The Healthcare Service is currently marked as
active"
    },
    {
        "name": "name",
        "definition":
"http://hl7.org/fhir/SearchParameter/HealthcareService-name",
        "type": "string",
        "documentation": "A portion of the Healthcare service name"
    },
    {
        "name": "characteristic",
        "definition":
"http://hl7.org/fhir/SearchParameter/HealthcareService-characteristic",
        "type": "token",
        "documentation": "One of the HealthcareService's
characteristics"
    },
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        "name": "endpoint",
        "definition":
"http://hl7.org/fhir/SearchParameter/HealthcareService-endpoint",
        "type": "reference",
        "documentation": "Technical endpoints providing access to
electronic services operated for the healthcare service"
    },
    {
        "name": "service-category",
        "definition":
"http://hl7.org/fhir/SearchParameter/HealthcareService-service-category",
        "type": "token",
        "documentation": "Service Category of the Healthcare Service"
    },
    {
        "name": "identifier",
        "definition":
"http://hl7.org/fhir/SearchParameter/HealthcareService-identifier",
        "type": "token",
        "documentation": "External identifiers for this item"
    },
    {
        "name": "location",
        "definition":
"http://hl7.org/fhir/SearchParameter/HealthcareService-location",
        "type": "reference",
        "documentation": "The location of the Healthcare Service"
    }
}

```



```

]
},
{
  "type": "InsurancePlan",
  "profile": "http://hl7.org/fhir/StructureDefinition/InsurancePlan",
  "versioning": "versioned",
  "readHistory": true,
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  "conditionalCreate": true,
  "conditionalUpdate": true,
  "conditionalDelete": "single",
  "searchInclude": [
    "InsurancePlan:owned-by",
    "InsurancePlan:endpoint",
    "InsurancePlan:administered-by",
    "*"
  ],
  "searchRevInclude": [
    "Appointment:supporting-info",
    "AuditEvent:entity",
    "Basic:subject",
    "ClinicalImpression:supporting-info",
    "Communication:part-of",
    "Communication:based-on",
    "CommunicationRequest:based-on",
    "Composition:entry",
    "Composition:subject",
    "Condition:evidence-detail",
    "Consent:data",
    "Contract:subject",
    "DetectedIssue:implicated",
    "DeviceRequest:prior-request",
    "DeviceRequest:based-on",
    "DocumentManifest:related-ref",
    "DocumentManifest:item",
    "DocumentReference:related",
    "ImmunizationRecommendation:information",
    "ImplementationGuide:resource",
    "Linkage:source",
    "Linkage:item",
    "List:item",
    "MeasureReport:evaluated-resource",
    "MesSAGE Header:focus",
    "Observation:focus",
    "PaymentNotice:response",
    "PaymentNotice:request",
    "Provenance:entity",
    "Provenance:target",
    "QuestionnaireResponse:subject",
    "Task:subject",
    "Task:focus",
    "Task:based-on",
    "VerificationResult:target"
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```

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        "documentation": "Security Labels applied to this resource"
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        "definition":
"http://hl7.org/fhir/SearchParameter/InsurancePlan-address-city",
        "type": "string",
        "documentation": "A city specified in an address"
    },
    {
        "name": "_profile",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-
profile",
        "type": "uri",
        "documentation": "Profiles this resource claims to conform to"
    },
    {
        "name": "status",
        "definition":
"http://hl7.org/fhir/SearchParameter/InsurancePlan-status",
        "type": "token",
        "documentation": "Is the Organization record active"
    },
    {
        "name": "type",
        "definition":
"http://hl7.org/fhir/SearchParameter/InsurancePlan-type",
        "type": "token",
        "documentation": "A code for the type of organization"
    },
    {
        "name": "address",
        "definition":
"http://hl7.org/fhir/SearchParameter/InsurancePlan-address",
        "type": "string",
        "documentation": "A server defined search that may match any of
the string fields in the Address, including line, city, district, state,
country, postalCode, and/or text"
    },
    {
        "name": "identifier",
        "definition":
"http://hl7.org/fhir/SearchParameter/InsurancePlan-identifier",
        "type": "token",
        "documentation": "Any identifier for the organization (not the
accreditation issuer's identifier)"
    },
    {
        "name": "phonetic",
        "definition":
"http://hl7.org/fhir/SearchParameter/InsurancePlan-phonetic",
        "type": "string",
        "documentation": "A portion of the organization's name using
some kind of phonetic matching algorithm"
    }

```

```

    },
    {
      "name": "owned-by",
      "definition":
"http://hl7.org/fhir/SearchParameter/InsurancePlan-owned-by",
      "type": "reference",
      "documentation": "An organization of which this organization
forms a part"
    },
    {
      "name": "_id",
      "definition": "http://hl7.org/fhir/SearchParameter/Resource-
id",
      "type": "token",
      "documentation": "Logical id of this artifact"
    },
    {
      "name": "name",
      "definition":
"http://hl7.org/fhir/SearchParameter/InsurancePlan-name",
      "type": "string",
      "documentation": "A portion of the organization's name or
alias"
    },
    {
      "name": "endpoint",
      "definition":
"http://hl7.org/fhir/SearchParameter/InsurancePlan-endpoint",
      "type": "reference",
      "documentation": "Technical endpoint"
    },
    {
      "name": "address-country",
      "definition":
"http://hl7.org/fhir/SearchParameter/InsurancePlan-address-country",
      "type": "string",
      "documentation": "A country specified in an address"
    },
    {
      "name": "_lastUpdated",
      "definition": "http://hl7.org/fhir/SearchParameter/Resource-
lastUpdated",
      "type": "date",
      "documentation": "When the resource version last changed"
    },
    {
      "name": "_tag",
      "definition": "http://hl7.org/fhir/SearchParameter/Resource-
tag",
      "type": "token",
      "documentation": "Tags applied to this resource"
    },
    {
      "name": "address-state",
      "definition":
"http://hl7.org/fhir/SearchParameter/InsurancePlan-address-state",
      "type": "string",

```

```

        "documentation": "A state specified in an address"
    },
    {
        "name": "address-postalcode",
        "definition":
"http://hl7.org/fhir/SearchParameter/InsurancePlan-address-postalcode",
        "type": "string",
        "documentation": "A postal code specified in an address"
    },
    {
        "name": "administered-by",
        "definition":
"http://hl7.org/fhir/SearchParameter/InsurancePlan-administered-by",
        "type": "reference",
        "documentation": "Product administrator"
    },
    {
        "name": "_source",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-
source",
        "type": "uri",
        "documentation": "Identifies where the resource comes from"
    },
    {
        "name": "address-use",
        "definition":
"http://hl7.org/fhir/SearchParameter/InsurancePlan-address-use",
        "type": "token",
        "documentation": "A use code specified in an address"
    }
]
},
{
    "type": "Location",
    "profile": "http://hl7.org/fhir/StructureDefinition/Location",
    "versioning": "versioned",
    "readHistory": true,
    "updateCreate": true,
    "conditionalCreate": true,
    "conditionalUpdate": true,
    "conditionalDelete": "single",
    "searchInclude": [
        "Location:partof",
        "Location:organization",
        "Location:endpoint",
        "*"
    ],
    "searchRevInclude": [
        "Account:subject",
        "AdverseEvent:location",
        "Appointment:actor",
        "Appointment:location",
        "Appointment:supporting-info",
        "AppointmentResponse:actor",
        "AppointmentResponse:location",
        "AuditEvent:entity",
        "Basic:subject",

```

"Claim:facility",
"ClinicalImpression:supporting-info",
"Communication:part-of",
"Communication:based-on",
"CommunicationRequest:based-on",
"Composition:entry",
"Composition:subject",
"Condition:evidence-detail",
"Consent:data",
"Contract:subject",
"Contract:domain",
"CoverageEligibilityRequest:facility",
"DetectedIssue:implicated",
"Device:location",
"DeviceRequest:subject",
"DeviceRequest:prior-request",
"DeviceRequest:based-on",
"DiagnosticReport:subject",
"DocumentManifest:related-ref",
"DocumentManifest:item",
"DocumentReference:related",
"Encounter:location",
"ExplanationOfBenefit:facility",
"Flag:subject",
"HealthcareService:coverage-area",
"HealthcareService:location",
"Immunization:location",
"ImmunizationRecommendation:information",
"ImplementationGuide:resource",
"Linkage:source",
"Linkage:item",
"List:subject",
"List:item",
"Location:partof",
"MeasureReport:evaluated-resource",
"MeasureReport:subject",
"MeasureReport:reporter",
"Media:subject",
"MedicationDispense:destination",
"MesSAGE Header:focus",
"Observation:subject",
"Observation:focus",
"OrganizationAffiliation:location",
"PaymentNotice:response",
"PaymentNotice:request",
"PractitionerRole:location",
"Procedure:location",
"Provenance:entity",
"Provenance:target",
"Provenance:location",
"QuestionnaireResponse:subject",
"ResearchStudy:site",
"Schedule:actor",
"ServiceRequest:subject",
"Specimen:subject",
"SupplyRequest:subject",
"Task:subject",

```

    "Task:focus",
    "Task:based-on",
    "VerificationResult:target"
  ],
  "searchParam": [
    {
      "name": "_security",
      "definition": "http://hl7.org/fhir/SearchParameter/Resource-
security",
      "type": "token",
      "documentation": "Security Labels applied to this resource"
    },
    {
      "name": "partof",
      "definition": "http://hl7.org/fhir/SearchParameter/Location-
partof",
      "type": "reference",
      "documentation": "A location of which this location is a part"
    },
    {
      "name": "address-city",
      "definition": "http://hl7.org/fhir/SearchParameter/Location-
address-city",
      "type": "string",
      "documentation": "A city specified in an address"
    },
    {
      "name": "_profile",
      "definition": "http://hl7.org/fhir/SearchParameter/Resource-
profile",
      "type": "uri",
      "documentation": "Profiles this resource claims to conform to"
    },
    {
      "name": "status",
      "definition": "http://hl7.org/fhir/SearchParameter/Location-
status",
      "type": "token",
      "documentation": "Searches for locations with a specific kind
of status"
    },
    {
      "name": "operational-status",
      "definition": "http://hl7.org/fhir/SearchParameter/Location-
operational-status",
      "type": "token",
      "documentation": "Searches for locations (typically bed/room)
that have an operational status (e.g. contaminated, housekeeping)"
    },
    {
      "name": "type",
      "definition": "http://hl7.org/fhir/SearchParameter/Location-
type",
      "type": "token",
      "documentation": "A code for the type of location"
    },
    {

```

```

        "name": "address",
        "definition": "http://hl7.org/fhir/SearchParameter/Location-
address",
        "type": "string",
        "documentation": "A (part of the) address of the location"
    },
    {
        "name": "organization",
        "definition": "http://hl7.org/fhir/SearchParameter/Location-
organization",
        "type": "reference",
        "documentation": "Searches for locations that are managed by
the provided organization"
    },
    {
        "name": "identifier",
        "definition": "http://hl7.org/fhir/SearchParameter/Location-
identifier",
        "type": "token",
        "documentation": "An identifier for the location"
    },
    {
        "name": "_id",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-
id",
        "type": "token",
        "documentation": "Logical id of this artifact"
    },
    {
        "name": "name",
        "definition": "http://hl7.org/fhir/SearchParameter/Location-
name",
        "type": "string",
        "documentation": "A portion of the location's name or alias"
    },
    {
        "name": "endpoint",
        "definition": "http://hl7.org/fhir/SearchParameter/Location-
endpoint",
        "type": "reference",
        "documentation": "Technical endpoints providing access to
services operated for the location"
    },
    {
        "name": "address-country",
        "definition": "http://hl7.org/fhir/SearchParameter/Location-
address-country",
        "type": "string",
        "documentation": "A country specified in an address"
    },
    {
        "name": "_lastUpdated",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-
lastUpdated",
        "type": "date",
        "documentation": "When the resource version last changed"
    },
    },

```

```

    {
      "name": "_tag",
      "definition": "http://hl7.org/fhir/SearchParameter/Resource-
tag",
      "type": "token",
      "documentation": "Tags applied to this resource"
    },
    {
      "name": "address-state",
      "definition": "http://hl7.org/fhir/SearchParameter/Location-
address-state",
      "type": "string",
      "documentation": "A state specified in an address"
    },
    {
      "name": "address-postalcode",
      "definition": "http://hl7.org/fhir/SearchParameter/Location-
address-postalcode",
      "type": "string",
      "documentation": "A postal code specified in an address"
    },
    {
      "name": "_source",
      "definition": "http://hl7.org/fhir/SearchParameter/Resource-
source",
      "type": "uri",
      "documentation": "Identifies where the resource comes from"
    },
    {
      "name": "address-use",
      "definition": "http://hl7.org/fhir/SearchParameter/Location-
address-use",
      "type": "token",
      "documentation": "A use code specified in an address"
    }
  ]
},
{
  "type": "Organization",
  "profile": "http://hl7.org/fhir/StructureDefinition/Organization",
  "versioning": "versioned",
  "readHistory": true,
  "updateCreate": true,
  "conditionalCreate": true,
  "conditionalUpdate": true,
  "conditionalDelete": "single",
  "searchInclude": [
    "Organization:partof",
    "Organization:endpoint",
    "*"
  ],
  "searchRevInclude": [
    "Account:owner",
    "Account:subject",
    "Appointment:supporting-info",
    "AuditEvent:entity",
    "AuditEvent:source",

```


"AuditEvent:agent",
"Basic:author",
"Basic:subject",
"CarePlan:performer",
"CareTeam:participant",
"ChargeItem:performer-actor",
"ChargeItem:enterer",
"ChargeItem:requesting-organization",
"ChargeItem:performing-organization",
"Claim:insurer",
"Claim:provider",
"Claim:care-team",
"Claim:payee",
"ClaimResponse:requestor",
"ClaimResponse:insurer",
"ClinicalImpression:supporting-info",
"Communication:part-of",
"Communication:based-on",
"Communication:recipient",
"Communication:sender",
"CommunicationRequest:based-on",
"CommunicationRequest:recipient",
"CommunicationRequest:requester",
"CommunicationRequest:sender",
"Composition:entry",
"Composition:subject",
"Composition:author",
"Composition:attester",
"Condition:evidence-detail",
"Consent:actor",
"Consent:organization",
"Consent:consentor",
"Consent:data",
"Contract:authority",
"Contract:subject",
"Contract:signer",
"Coverage:policy-holder",
"Coverage:payor",
"CoverageEligibilityRequest:provider",
"CoverageEligibilityResponse:requestor",
"CoverageEligibilityResponse:insurer",
"DetectedIssue:implicated",
"Device:organization",
"DeviceRequest:performer",
"DeviceRequest:requester",
"DeviceRequest:prior-request",
"DeviceRequest:based-on",
"DiagnosticReport:results-interpreter",
"DiagnosticReport:performer",
"DocumentManifest:author",
"DocumentManifest:related-ref",
"DocumentManifest:recipient",
"DocumentManifest:item",
"DocumentReference:authenticator",
"DocumentReference:custodian",
"DocumentReference:related",
"DocumentReference:author",

"Encounter:service-provider",
"Endpoint:organization",
"EpisodeOfCare:organization",
"ExplanationOfBenefit:provider",
"ExplanationOfBenefit:care-team",
"ExplanationOfBenefit:payee",
"Flag:author",
"Flag:subject",
"Goal:subject",
"Group:managing-entity",
"HealthcareService:organization",
"ImagingStudy:performer",
"Immunization:manufacturer",
"Immunization:performer",
"ImmunizationRecommendation:information",
"ImplementationGuide:resource",
"InsurancePlan:owned-by",
"InsurancePlan:administered-by",
"Invoice:participant",
"Invoice:recipient",
"Invoice:issuer",
"Linkage:author",
"Linkage:source",
"Linkage:item",
"List:item",
"Location:organization",
"MeasureReport:evaluated-resource",
"MeasureReport:reporter",
"Media:operator",
"Medication:manufacturer",
"MedicationDispense:performer",
"MedicationKnowledge:manufacturer",
"MedicationRequest:requester",
"MedicationRequest:intended-performer",
"MedicationRequest:intended-dispenser",
"MedicationStatement:source",
"MedicinalProductAuthorization:holder",
"MesSAGE Header:receiver",
"MesSAGE Header:responsible",
"MesSAGE Header:focus",
"MesSAGE Header:sender",
"Observation:performer",
"Observation:focus",
"Organization:partof",
"OrganizationAffiliation:participating-organization",
"OrganizationAffiliation:primary-organization",
"OrganizationAffiliation:network",
"Patient:general-practitioner",
"Patient:organization",
"PaymentNotice:provider",
"PaymentNotice:response",
"PaymentNotice:request",
"PaymentReconciliation:requestor",
"PaymentReconciliation:payment-issuer",
"Person:organization",
"PractitionerRole:organization",
"Procedure:performer",

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    "Provenance:agent",
    "Provenance:entity",
    "Provenance:target",
    "QuestionnaireResponse:author",
    "QuestionnaireResponse:subject",
    "ResearchStudy:sponsor",
    "ServiceRequest:performer",
    "ServiceRequest:requester",
    "SupplyDelivery:supplier",
    "SupplyRequest:subject",
    "SupplyRequest:supplier",
    "SupplyRequest:requester",
    "Task:subject",
    "Task:requester",
    "Task:focus",
    "Task:based-on",
    "Task:owner",
    "VerificationResult:target"
  ],
  "searchParam": [
    {
      "name": "_profile",
      "definition": "http://hl7.org/fhir/SearchParameter/Resource-
profile",
      "type": "uri",
      "documentation": "Profiles this resource claims to conform to"
    },
    {
      "name": "address-city",
      "definition":
"http://hl7.org/fhir/SearchParameter/Organization-address-city",
      "type": "string",
      "documentation": "A city specified in an address"
    },
    {
      "name": "phonetic",
      "definition":
"http://hl7.org/fhir/SearchParameter/Organization-phonetic",
      "type": "string",
      "documentation": "A portion of the organization's name using
some kind of phonetic matching algorithm"
    },
    {
      "name": "address-country",
      "definition":
"http://hl7.org/fhir/SearchParameter/Organization-address-country",
      "type": "string",
      "documentation": "A country specified in an address"
    },
    {
      "name": "_security",
      "definition": "http://hl7.org/fhir/SearchParameter/Resource-
security",
      "type": "token",
      "documentation": "Security Labels applied to this resource"
    },
    {

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```

        "name": "address-postalcode",
        "definition":
"http://hl7.org/fhir/SearchParameter/Organization-address-postalcode",
        "type": "string",
        "documentation": "A postal code specified in an address"
    },
    {
        "name": "_tag",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-
tag",
        "type": "token",
        "documentation": "Tags applied to this resource"
    },
    {
        "name": "_source",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-
source",
        "type": "uri",
        "documentation": "Identifies where the resource comes from"
    },
    {
        "name": "partof",
        "definition":
"http://hl7.org/fhir/SearchParameter/Organization-partof",
        "type": "reference",
        "documentation": "An organization of which this organization
forms a part"
    },
    {
        "name": "address-state",
        "definition":
"http://hl7.org/fhir/SearchParameter/Organization-address-state",
        "type": "string",
        "documentation": "A state specified in an address"
    },
    {
        "name": "_lastUpdated",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-
lastUpdated",
        "type": "date",
        "documentation": "When the resource version last changed"
    },
    {
        "name": "_id",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-
id",
        "type": "token",
        "documentation": "Logical id of this artifact"
    },
    {
        "name": "active",
        "definition":
"http://hl7.org/fhir/SearchParameter/Organization-active",
        "type": "token",
        "documentation": "Is the Organization record active"
    },
    {

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        "name": "name",
        "definition":
"http://hl7.org/fhir/SearchParameter/Organization-name",
        "type": "string",
        "documentation": "A portion of the organization's name or
alias"
    },
    {
        "name": "address-use",
        "definition":
"http://hl7.org/fhir/SearchParameter/Organization-address-use",
        "type": "token",
        "documentation": "A use code specified in an address"
    },
    {
        "name": "endpoint",
        "definition":
"http://hl7.org/fhir/SearchParameter/Organization-endpoint",
        "type": "reference",
        "documentation": "Technical endpoints providing access to
services operated for the organization"
    },
    {
        "name": "identifier",
        "definition":
"http://hl7.org/fhir/SearchParameter/Organization-identifier",
        "type": "token",
        "documentation": "Any identifier for the organization (not the
accreditation issuer's identifier)"
    },
    {
        "name": "address",
        "definition":
"http://hl7.org/fhir/SearchParameter/Organization-address",
        "type": "string",
        "documentation": "A server defined search that may match any of
the string fields in the Address, including line, city, district, state,
country, postalCode, and/or text"
    },
    {
        "name": "type",
        "definition":
"http://hl7.org/fhir/SearchParameter/Organization-type",
        "type": "token",
        "documentation": "A code for the type of organization"
    }
]
},
{
    "type": "OrganizationAffiliation",
    "profile":
"http://hl7.org/fhir/StructureDefinition/OrganizationAffiliation",
    "versioning": "versioned",
    "readHistory": true,
    "updateCreate": true,
    "conditionalCreate": true,
    "conditionalUpdate": true,

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"conditionalDelete": "single",
"searchInclude": [
  "OrganizationAffiliation:participating-organization",
  "OrganizationAffiliation:primary-organization",
  "OrganizationAffiliation:endpoint",
  "OrganizationAffiliation:network",
  "OrganizationAffiliation:service",
  "OrganizationAffiliation:location",
  "*"
],
"searchRevInclude": [
  "Appointment:supporting-info",
  "AuditEvent:entity",
  "Basic:subject",
  "ClinicalImpression:supporting-info",
  "Communication:part-of",
  "Communication:based-on",
  "CommunicationRequest:based-on",
  "Composition:entry",
  "Composition:subject",
  "Condition:evidence-detail",
  "Consent:data",
  "Contract:subject",
  "DetectedIssue:implicated",
  "DeviceRequest:prior-request",
  "DeviceRequest:based-on",
  "DocumentManifest:related-ref",
  "DocumentManifest:item",
  "DocumentReference:related",
  "ImmunizationRecommendation:information",
  "ImplementationGuide:resource",
  "Linkage:source",
  "Linkage:item",
  "List:item",
  "MeasureReport:evaluated-resource",
  "MesSAGE Header:focus",
  "Observation:focus",
  "PaymentNotice:response",
  "PaymentNotice:request",
  "Provenance:entity",
  "Provenance:target",
  "QuestionnaireResponse:subject",
  "Task:subject",
  "Task:focus",
  "Task:based-on",
  "VerificationResult:target"
],
"searchParam": [
  {
    "name": "_profile",
    "definition": "http://hl7.org/fhir/SearchParameter/Resource-
profile",
    "type": "uri",
    "documentation": "Profiles this resource claims to conform to"
  },
  {
    "name": "phone",

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```

        "definition":
"http://hl7.org/fhir/SearchParameter/OrganizationAffiliation-phone",
        "type": "token",
        "documentation": "A value in a phone contact"
    },
    {
        "name": "_security",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-
security",
        "type": "token",
        "documentation": "Security Labels applied to this resource"
    },
    {
        "name": "specialty",
        "definition":
"http://hl7.org/fhir/SearchParameter/OrganizationAffiliation-specialty",
        "type": "token",
        "documentation": "Specific specialty of the
participatingOrganization in the context of the role"
    },
    {
        "name": "email",
        "definition":
"http://hl7.org/fhir/SearchParameter/OrganizationAffiliation-email",
        "type": "token",
        "documentation": "A value in an email contact"
    },
    {
        "name": "telecom",
        "definition":
"http://hl7.org/fhir/SearchParameter/OrganizationAffiliation-telecom",
        "type": "token",
        "documentation": "The value in any kind of contact"
    },
    {
        "name": "_tag",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-
tag",
        "type": "token",
        "documentation": "Tags applied to this resource"
    },
    {
        "name": "_source",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-
source",
        "type": "uri",
        "documentation": "Identifies where the resource comes from"
    },
    {
        "name": "date",
        "definition":
"http://hl7.org/fhir/SearchParameter/OrganizationAffiliation-date",
        "type": "date",
        "documentation": "The period during which the
participatingOrganization is affiliated with the primary organization"
    },
    {

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```

        "name": "role",
        "definition":
"http://hl7.org/fhir/SearchParameter/OrganizationAffiliation-role",
        "type": "token",
        "documentation": "Definition of the role the
participatingOrganization plays"
    },
    {
        "name": "_lastUpdated",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-
lastUpdated",
        "type": "date",
        "documentation": "When the resource version last changed"
    },
    {
        "name": "participating-organization",
        "definition":
"http://hl7.org/fhir/SearchParameter/OrganizationAffiliation-participating-
organization",
        "type": "reference",
        "documentation": "The organization that provides services to
the primary organization"
    },
    {
        "name": "_id",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-
id",
        "type": "token",
        "documentation": "Logical id of this artifact"
    },
    {
        "name": "active",
        "definition":
"http://hl7.org/fhir/SearchParameter/OrganizationAffiliation-active",
        "type": "token",
        "documentation": "Whether this organization affiliation record
is in active use"
    },
    {
        "name": "primary-organization",
        "definition":
"http://hl7.org/fhir/SearchParameter/OrganizationAffiliation-primary-
organization",
        "type": "reference",
        "documentation": "The organization that receives the services
from the participating organization"
    },
    {
        "name": "endpoint",
        "definition":
"http://hl7.org/fhir/SearchParameter/OrganizationAffiliation-endpoint",
        "type": "reference",
        "documentation": "Technical endpoints providing access to
services operated for this role"
    },
    {
        "name": "network",

```



```

        "definition":
"http://hl7.org/fhir/SearchParameter/OrganizationAffiliation-network",
        "type": "reference",
        "documentation": "Health insurance provider network in which
the participatingOrganization provides the role's services (if defined) at
the indicated locations (if defined)"
    },
    {
        "name": "service",
        "definition":
"http://hl7.org/fhir/SearchParameter/OrganizationAffiliation-service",
        "type": "reference",
        "documentation": "Healthcare services provided through the
role"
    },
    {
        "name": "identifier",
        "definition":
"http://hl7.org/fhir/SearchParameter/OrganizationAffiliation-identifier",
        "type": "token",
        "documentation": "An organization affiliation's Identifier"
    },
    {
        "name": "location",
        "definition":
"http://hl7.org/fhir/SearchParameter/OrganizationAffiliation-location",
        "type": "reference",
        "documentation": "The location(s) at which the role occurs"
    }
]
},
{
    "type": "Practitioner",
    "profile": "http://hl7.org/fhir/StructureDefinition/Practitioner",
    "versioning": "versioned",
    "readHistory": true,
    "updateCreate": true,
    "conditionalCreate": true,
    "conditionalUpdate": true,
    "conditionalDelete": "single",
    "searchRevInclude": [
        "Account:subject",
        "AdverseEvent:recorder",
        "AdverseEvent:subject",
        "AllergyIntolerance:recorder",
        "AllergyIntolerance:asserter",
        "Appointment:actor",
        "Appointment:practitioner",
        "Appointment:supporting-info",
        "AppointmentResponse:actor",
        "AppointmentResponse:practitioner",
        "AuditEvent:entity",
        "AuditEvent:source",
        "AuditEvent:agent",
        "Basic:author",
        "Basic:subject",
        "CarePlan:performer",

```

"CareTeam:participant",
"ChargeItem:performer-actor",
"ChargeItem:enterer",
"Claim:provider",
"Claim:care-team",
"Claim:payee",
"Claim:enterer",
"ClaimResponse:requestor",
"ClinicalImpression:assessor",
"ClinicalImpression:supporting-info",
"Communication:part-of",
"Communication:based-on",
"Communication:recipient",
"Communication:sender",
"CommunicationRequest:based-on",
"CommunicationRequest:recipient",
"CommunicationRequest:requester",
"CommunicationRequest:sender",
"Composition:entry",
"Composition:subject",
"Composition:author",
"Composition:attester",
"Condition:asserter",
"Condition:evidence-detail",
"Consent:actor",
"Consent:consentor",
"Consent:data",
"Contract:subject",
"Contract:signer",
"CoverageEligibilityRequest:provider",
"CoverageEligibilityRequest:enterer",
"CoverageEligibilityResponse:requestor",
"DetectedIssue:author",
"DetectedIssue:implicated",
"DeviceRequest:performer",
"DeviceRequest:requester",
"DeviceRequest:prior-request",
"DeviceRequest:based-on",
"DiagnosticReport:results-interpreter",
"DiagnosticReport:performer",
"DocumentManifest:author",
"DocumentManifest:related-ref",
"DocumentManifest:subject",
"DocumentManifest:recipient",
"DocumentManifest:item",
"DocumentReference:authenticator",
"DocumentReference:subject",
"DocumentReference:related",
"DocumentReference:author",
"Encounter:participant",
"Encounter:practitioner",
"EpisodeOfCare:care-manager",
"ExplanationOfBenefit:provider",
"ExplanationOfBenefit:care-team",
"ExplanationOfBenefit:payee",
"ExplanationOfBenefit:enterer",
"Flag:author",

"Flag:subject",
"Group:managing-entity",
"Group:member",
"ImagingStudy:interpreter",
"ImagingStudy:performer",
"ImagingStudy:referrer",
"Immunization:performer",
"ImmunizationRecommendation:information",
"ImplementationGuide:resource",
"Invoice:participant",
"Linkage:author",
"Linkage:source",
"Linkage:item",
"List:source",
"List:item",
"MeasureReport:evaluated-resource",
"MeasureReport:subject",
"MeasureReport:reporter",
"Media:operator",
"Media:subject",
"MedicationAdministration:performer",
"MedicationDispense:receiver",
"MedicationDispense:responsibleparty",
"MedicationDispense:performer",
"MedicationRequest:requester",
"MedicationRequest:intended-performer",
"MedicationStatement:source",
"MesSAGE Header:author",
"MesSAGE Header:receiver",
"MesSAGE Header:responsible",
"MesSAGE Header:focus",
"MesSAGE Header:enterer",
"MesSAGE Header:sender",
"NutritionOrder:provider",
"Observation:performer",
"Observation:focus",
"Patient:general-practitioner",
"PaymentNotice:provider",
"PaymentNotice:response",
"PaymentNotice:request",
"PaymentReconciliation:requestor",
"Person:practitioner",
"Person:link",
"PractitionerRole:practitioner",
"Procedure:performer",
"Provenance:agent",
"Provenance:entity",
"Provenance:target",
"QuestionnaireResponse:author",
"QuestionnaireResponse:subject",
"QuestionnaireResponse:source",
"RequestGroup:author",
"RequestGroup:participant",
"ResearchStudy:principalinvestigator",
"RiskAssessment:performer",
"Schedule:actor",
"ServiceRequest:performer",

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    "ServiceRequest:requester",
    "Specimen:collector",
    "SupplyDelivery:receiver",
    "SupplyDelivery:supplier",
    "SupplyRequest:requester",
    "Task:subject",
    "Task:requester",
    "Task:focus",
    "Task:based-on",
    "Task:owner",
    "VerificationResult:target",
    "VisionPrescription:prescriber"
  ],
  "searchParam": [
    {
      "name": "given",
      "definition": "http://hl7.org/fhir/SearchParameter/individual-
given",
      "type": "string",
      "documentation": "Multiple Resources: \r\n\r\n*
[Patient](patient.html): A portion of the given name of the patient\r\n*
[Practitioner](practitioner.html): A portion of the given name"
    },
    {
      "name": "_security",
      "definition": "http://hl7.org/fhir/SearchParameter/Resource-
security",
      "type": "token",
      "documentation": "Security Labels applied to this resource"
    },
    {
      "name": "address-city",
      "definition": "http://hl7.org/fhir/SearchParameter/individual-
address-city",
      "type": "string",
      "documentation": "Multiple Resources: \r\n\r\n*
[Patient](patient.html): A city specified in an address\r\n*
[Person](person.html): A city specified in an address\r\n*
[Practitioner](practitioner.html): A city specified in an address\r\n*
[RelatedPerson](relatedperson.html): A city specified in an address"
    },
    {
      "name": "_profile",
      "definition": "http://hl7.org/fhir/SearchParameter/Resource-
profile",
      "type": "uri",
      "documentation": "Profiles this resource claims to conform to"
    },
    {
      "name": "communication",
      "definition":
"http://hl7.org/fhir/SearchParameter/Practitioner-communication",
      "type": "token",
      "documentation": "One of the languages that the practitioner
can communicate with"
    },
    {

```

```

        "name": "address",
        "definition": "http://hl7.org/fhir/SearchParameter/individual-
address",
        "type": "string",
        "documentation": "Multiple Resources: \r\n\r\n*"
[Patient](patient.html): A server defined search that may match any of the
string fields in the Address, including line, city, district, state, country,
postalCode, and/or text\r\n* [Person](person.html): A server defined search
that may match any of the string fields in the Address, including line, city,
district, state, country, postalCode, and/or text\r\n*
[Practitioner](practitioner.html): A server defined search that may match any
of the string fields in the Address, including line, city, district, state,
country, postalCode, and/or text\r\n* [RelatedPerson](relatedperson.html): A
server defined search that may match any of the string fields in the Address,
including line, city, district, state, country, postalCode, and/or text"
    },
    {
        "name": "identifier",
        "definition":
"http://hl7.org/fhir/SearchParameter/Practitioner-identifier",
        "type": "token",
        "documentation": "A practitioner's Identifier"
    },
    {
        "name": "family",
        "definition": "http://hl7.org/fhir/SearchParameter/individual-
family",
        "type": "string",
        "documentation": "Multiple Resources: \r\n\r\n*"
[Patient](patient.html): A portion of the family name of the patient\r\n*
[Practitioner](practitioner.html): A portion of the family name"
    },
    {
        "name": "phonetic",
        "definition": "http://hl7.org/fhir/SearchParameter/individual-
phonetic",
        "type": "string",
        "documentation": "Multiple Resources: \r\n\r\n*"
[Patient](patient.html): A portion of either family or given name using some
kind of phonetic matching algorithm\r\n* [Person](person.html): A portion of
name using some kind of phonetic matching algorithm\r\n*
[Practitioner](practitioner.html): A portion of either family or given name
using some kind of phonetic matching algorithm\r\n*
[RelatedPerson](relatedperson.html): A portion of name using some kind of
phonetic matching algorithm"
    },
    {
        "name": "_id",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-
id",
        "type": "token",
        "documentation": "Logical id of this artifact"
    },
    {
        "name": "email",
        "definition": "http://hl7.org/fhir/SearchParameter/individual-
email",

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```

        "type": "token",
        "documentation": "Multiple Resources: \r\n\r\n*"
[Patient](patient.html): A value in an email contact\r\n*
[Person](person.html): A value in an email contact\r\n*
[Practitioner](practitioner.html): A value in an email contact\r\n*
[PractitionerRole](practitionerrole.html): A value in an email contact\r\n*
[RelatedPerson](relatedperson.html): A value in an email contact"
    },
    {
        "name": "name",
        "definition":
"http://hl7.org/fhir/SearchParameter/Practitioner-name",
        "type": "string",
        "documentation": "A server defined search that may match any of
the string fields in the HumanName, including family, give, prefix, suffix,
suffix, and/or text"
    },
    {
        "name": "address-country",
        "definition": "http://hl7.org/fhir/SearchParameter/individual-
address-country",
        "type": "string",
        "documentation": "Multiple Resources: \r\n\r\n*"
[Patient](patient.html): A country specified in an address\r\n*
[Person](person.html): A country specified in an address\r\n*
[Practitioner](practitioner.html): A country specified in an address\r\n*
[RelatedPerson](relatedperson.html): A country specified in an address"
    },
    {
        "name": "_lastUpdated",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-
lastUpdated",
        "type": "date",
        "documentation": "When the resource version last changed"
    },
    {
        "name": "_tag",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-
tag",
        "type": "token",
        "documentation": "Tags applied to this resource"
    },
    {
        "name": "gender",
        "definition": "http://hl7.org/fhir/SearchParameter/individual-
gender",
        "type": "token",
        "documentation": "Multiple Resources: \r\n\r\n*"
[Patient](patient.html): Gender of the patient\r\n* [Person](person.html):
The gender of the person\r\n* [Practitioner](practitioner.html): Gender of
the practitioner\r\n* [RelatedPerson](relatedperson.html): Gender of the
related person"
    },
    {
        "name": "phone",
        "definition": "http://hl7.org/fhir/SearchParameter/individual-
phone",

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```

        "type": "token",
        "documentation": "Multiple Resources: \r\n\r\n*"
[Patient](patient.html): A value in a phone contact\r\n*
[Person](person.html): A value in a phone contact\r\n*
[Practitioner](practitioner.html): A value in a phone contact\r\n*
[PractitionerRole](practitionerrole.html): A value in a phone contact\r\n*
[RelatedPerson](relatedperson.html): A value in a phone contact"
    },
    {
        "name": "address-state",
        "definition": "http://hl7.org/fhir/SearchParameter/individual-
address-state",
        "type": "string",
        "documentation": "Multiple Resources: \r\n\r\n*"
[Patient](patient.html): A state specified in an address\r\n*
[Person](person.html): A state specified in an address\r\n*
[Practitioner](practitioner.html): A state specified in an address\r\n*
[RelatedPerson](relatedperson.html): A state specified in an address"
    },
    {
        "name": "address-postalcode",
        "definition": "http://hl7.org/fhir/SearchParameter/individual-
address-postalcode",
        "type": "string",
        "documentation": "Multiple Resources: \r\n\r\n*"
[Patient](patient.html): A postalCode specified in an address\r\n*
[Person](person.html): A postal code specified in an address\r\n*
[Practitioner](practitioner.html): A postalCode specified in an address\r\n*
[RelatedPerson](relatedperson.html): A postal code specified in an address"
    },
    {
        "name": "active",
        "definition":
"http://hl7.org/fhir/SearchParameter/Practitioner-active",
        "type": "token",
        "documentation": "Whether the practitioner record is active"
    },
    {
        "name": "_source",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-
source",
        "type": "uri",
        "documentation": "Identifies where the resource comes from"
    },
    {
        "name": "telecom",
        "definition": "http://hl7.org/fhir/SearchParameter/individual-
telecom",
        "type": "token",
        "documentation": "Multiple Resources: \r\n\r\n*"
[Patient](patient.html): The value in any kind of telecom details of the
patient\r\n* [Person](person.html): The value in any kind of contact\r\n*
[Practitioner](practitioner.html): The value in any kind of contact\r\n*
[PractitionerRole](practitionerrole.html): The value in any kind of
contact\r\n* [RelatedPerson](relatedperson.html): The value in any kind of
contact"
    },
    },

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```

    {
      "name": "address-use",
      "definition": "http://hl7.org/fhir/SearchParameter/individual-
address-use",
      "type": "token",
      "documentation": "Multiple Resources: \r\n\r\n*
[Patient](patient.html): A use code specified in an address\r\n*
[Person](person.html): A use code specified in an address\r\n*
[Practitioner](practitioner.html): A use code specified in an address\r\n*
[RelatedPerson](relatedperson.html): A use code specified in an address"
    }
  ]
},
{
  "type": "PractitionerRole",
  "profile":
"http://hl7.org/fhir/StructureDefinition/PractitionerRole",
  "versioning": "versioned",
  "readHistory": true,
  "updateCreate": true,
  "conditionalCreate": true,
  "conditionalUpdate": true,
  "conditionalDelete": "single",
  "searchInclude": [
    "PractitionerRole:practitioner",
    "PractitionerRole:organization",
    "PractitionerRole:endpoint",
    "PractitionerRole:service",
    "PractitionerRole:location",
    "*"
  ],
  "searchRevInclude": [
    "Account:subject",
    "AdverseEvent:recorder",
    "AllergyIntolerance:recorder",
    "AllergyIntolerance:asserter",
    "Appointment:actor",
    "Appointment:supporting-info",
    "AppointmentResponse:actor",
    "AuditEvent:entity",
    "AuditEvent:source",
    "AuditEvent:agent",
    "Basic:author",
    "Basic:subject",
    "CarePlan:performer",
    "CareTeam:participant",
    "ChargeItem:performer-actor",
    "ChargeItem:enterer",
    "Claim:provider",
    "Claim:care-team",
    "Claim:payee",
    "Claim:enterer",
    "ClaimResponse:requestor",
    "ClinicalImpression:assessor",
    "ClinicalImpression:supporting-info",
    "Communication:part-of",
    "Communication:based-on",

```


"Communication:recipient",
"Communication:sender",
"CommunicationRequest:based-on",
"CommunicationRequest:recipient",
"CommunicationRequest:requester",
"CommunicationRequest:sender",
"Composition:entry",
"Composition:subject",
"Composition:author",
"Composition:attester",
"Condition:asserter",
"Condition:evidence-detail",
"Consent:actor",
"Consent:consentor",
"Consent:data",
"Contract:subject",
"Contract:signer",
"CoverageEligibilityRequest:provider",
"CoverageEligibilityRequest:enterer",
"CoverageEligibilityResponse:requestor",
"DetectedIssue:author",
"DetectedIssue:implicated",
"DeviceRequest:performer",
"DeviceRequest:requester",
"DeviceRequest:prior-request",
"DeviceRequest:based-on",
"DiagnosticReport:results-interpreter",
"DiagnosticReport:performer",
"DocumentManifest:author",
"DocumentManifest:related-ref",
"DocumentManifest:recipient",
"DocumentManifest:item",
"DocumentReference:authenticator",
"DocumentReference:related",
"DocumentReference:author",
"Encounter:participant",
"ExplanationOfBenefit:provider",
"ExplanationOfBenefit:care-team",
"ExplanationOfBenefit:payee",
"ExplanationOfBenefit:enterer",
"Flag:author",
"Group:managing-entity",
"Group:member",
"ImagingStudy:interpreter",
"ImagingStudy:performer",
"ImagingStudy:referrer",
"Immunization:performer",
"ImmunizationRecommendation:information",
"ImplementationGuide:resource",
"Invoice:participant",
"Linkage:author",
"Linkage:source",
"Linkage:item",
"List:source",
"List:item",
"MeasureReport:evaluated-resource",
"MeasureReport:subject",

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"MeasureReport:reporter",
"Media:operator",
"Media:subject",
"MedicationAdministration:performer",
"MedicationDispense:responsibleparty",
"MedicationDispense:performer",
"MedicationRequest:requester",
"MedicationRequest:intended-performer",
"MedicationStatement:source",
"MesSAGE Header:author",
"MesSAGE Header:receiver",
"MesSAGE Header:responsible",
"MesSAGE Header:focus",
"MesSAGE Header:enterer",
"MesSAGE Header:sender",
"NutritionOrder:provider",
"Observation:performer",
"Observation:focus",
"Patient:general-practitioner",
"PaymentNotice:provider",
"PaymentNotice:response",
"PaymentNotice:request",
"PaymentReconciliation:requestor",
"Procedure:performer",
"Provenance:agent",
"Provenance:entity",
"Provenance:target",
"QuestionnaireResponse:author",
"QuestionnaireResponse:subject",
"QuestionnaireResponse:source",
"RequestGroup:author",
"RequestGroup:participant",
"ResearchStudy:principalinvestigator",
"RiskAssessment:performer",
"Schedule:actor",
"ServiceRequest:performer",
"ServiceRequest:requester",
"Specimen:collector",
"SupplyDelivery:receiver",
"SupplyDelivery:supplier",
"SupplyRequest:requester",
"Task:subject",
"Task:requester",
"Task:focus",
"Task:based-on",
"Task:owner",
"VerificationResult:target",
"VisionPrescription:prescriber"
],
"searchParam": [
  {
    "name": "_profile",
    "definition": "http://hl7.org/fhir/SearchParameter/Resource-
profile",
    "type": "uri",
    "documentation": "Profiles this resource claims to conform to"
  },

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    {
      "name": "phone",
      "definition": "http://hl7.org/fhir/SearchParameter/individual-
phone",
      "type": "token",
      "documentation": "Multiple Resources: \r\n\r\n*
[Patient](patient.html): A value in a phone contact\r\n*
[Person](person.html): A value in a phone contact\r\n*
[Practitioner](practitioner.html): A value in a phone contact\r\n*
[PractitionerRole](practitionerrole.html): A value in a phone contact\r\n*
[RelatedPerson](relatedperson.html): A value in a phone contact"
    },
    {
      "name": "practitioner",
      "definition":
"http://hl7.org/fhir/SearchParameter/PractitionerRole-practitioner",
      "type": "reference",
      "documentation": "Practitioner that is able to provide the
defined services for the organization"
    },
    {
      "name": "_security",
      "definition": "http://hl7.org/fhir/SearchParameter/Resource-
security",
      "type": "token",
      "documentation": "Security Labels applied to this resource"
    },
    {
      "name": "specialty",
      "definition":
"http://hl7.org/fhir/SearchParameter/PractitionerRole-specialty",
      "type": "token",
      "documentation": "The practitioner has this specialty at an
organization"
    },
    {
      "name": "organization",
      "definition":
"http://hl7.org/fhir/SearchParameter/PractitionerRole-organization",
      "type": "reference",
      "documentation": "The identity of the organization the
practitioner represents / acts on behalf of"
    },
    {
      "name": "email",
      "definition": "http://hl7.org/fhir/SearchParameter/individual-
email",
      "type": "token",
      "documentation": "Multiple Resources: \r\n\r\n*
[Patient](patient.html): A value in an email contact\r\n*
[Person](person.html): A value in an email contact\r\n*
[Practitioner](practitioner.html): A value in an email contact\r\n*
[PractitionerRole](practitionerrole.html): A value in an email contact\r\n*
[RelatedPerson](relatedperson.html): A value in an email contact"
    },
    {
      "name": "telecom",

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```

        "definition": "http://hl7.org/fhir/SearchParameter/individual-telecom",
        "type": "token",
        "documentation": "Multiple Resources: \r\n\r\n*
[Patient](patient.html): The value in any kind of telecom details of the patient\r\n*
[Person](person.html): The value in any kind of contact\r\n*
[Practitioner](practitioner.html): The value in any kind of contact\r\n*
[PractitionerRole](practitionerrole.html): The value in any kind of contact\r\n*
[RelatedPerson](relatedperson.html): The value in any kind of contact"
    },
    {
        "name": "_tag",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-tag",
        "type": "token",
        "documentation": "Tags applied to this resource"
    },
    {
        "name": "_source",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-source",
        "type": "uri",
        "documentation": "Identifies where the resource comes from"
    },
    {
        "name": "date",
        "definition": "http://hl7.org/fhir/SearchParameter/PractitionerRole-date",
        "type": "date",
        "documentation": "The period during which the practitioner is authorized to perform in these role(s)"
    },
    {
        "name": "role",
        "definition": "http://hl7.org/fhir/SearchParameter/PractitionerRole-role",
        "type": "token",
        "documentation": "The practitioner can perform this role at for the organization"
    },
    {
        "name": "_lastUpdated",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-lastUpdated",
        "type": "date",
        "documentation": "When the resource version last changed"
    },
    {
        "name": "_id",
        "definition": "http://hl7.org/fhir/SearchParameter/Resource-id",
        "type": "token",
        "documentation": "Logical id of this artifact"
    },
    {
        "name": "active",

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```

        "definition":
"http://hl7.org/fhir/SearchParameter/PractitionerRole-active",
        "type": "token",
        "documentation": "Whether this practitioner role record is in
active use"
    },
    {
        "name": "endpoint",
        "definition":
"http://hl7.org/fhir/SearchParameter/PractitionerRole-endpoint",
        "type": "reference",
        "documentation": "Technical endpoints providing access to
services operated for the practitioner with this role"
    },
    {
        "name": "service",
        "definition":
"http://hl7.org/fhir/SearchParameter/PractitionerRole-service",
        "type": "reference",
        "documentation": "The list of healthcare services that this
worker provides for this role's Organization/Location(s)"
    },
    {
        "name": "identifier",
        "definition":
"http://hl7.org/fhir/SearchParameter/PractitionerRole-identifier",
        "type": "token",
        "documentation": "A practitioner's Identifier"
    },
    {
        "name": "location",
        "definition":
"http://hl7.org/fhir/SearchParameter/PractitionerRole-location",
        "type": "reference",
        "documentation": "One of the locations at which this
practitioner provides care"
    }
]
}
],
"interaction": [
    {
        "code": "history-system"
    },
    {
        "code": "batch"
    },
    {
        "code": "transaction"
    }
],
"searchParam": [
    {
        "name": "_type",
        "definition": "http://hl7.org/fhir/SearchParameter/type",
        "type": "token"
    },

```

```
{
  {
    "name": "_count",
    "type": "number"
  }
]
}
```

Endpoint

No data found. This section will be updated as soon data is available.

Healthcareservice

```
{
  "resourceType": "HealthcareService",
  "id": "1--1200--PGM.00001",
  "meta": {
    "versionId": "7",
    "lastUpdated": "2023-05-17T20:26:18.809+00:00",
    "profile": [
      "http://hl7.org/fhir/us/davinci-pdex-plan-
net/StructureDefinition/plannet-HealthcareService"
    ]
  },
  "language": "en-US",
  "active": false,
  "providedBy": {
    "reference": "Organization/1200",
    "display": "BEHAVIORAL HEALTH SERVICES, INC."
  },
  "location": [
    {
      "reference": "Location/1--1200--PGM.00001",
      "display": "BEHA 10419 South Budlong Ave (INACTIVE)"
    }
  ],
  "name": "BEHA 10419 South Budlong Ave (INACTIVE)"
}
```

InsurancePlan

No data found. This section will be updated as soon data is available.

Organization

```
{
  "resourceType": "Organization",
  "id": "1",
  "meta": {
    "versionId": "18",
    "lastUpdated": "2023-06-14T23:50:18.151+00:00",
    "profile": [
      "http://hl7.org/fhir/us/davinci-pdex-plan-
net/StructureDefinition/plannet-Organization"
    ]
  },
  "language": "en-US",
  "identifier": [
    {
      "type": {
        "coding": [
          {
            "system": "http://terminology.hl7.org/CodeSystem/v2-0203",
            "code": "NPI",
            "display": "National provider identifier"
          }
        ]
      },
      "system": "http://hl7.org/fhir/sid/us-npi",
      "value": "1587653310"
    },
    {
      "type": {
        "coding": [
          {
            "system": "http://terminology.hl7.org/CodeSystem/v2-0203",
            "code": "TAX",
            "display": "Tax ID number"
          }
        ]
      },
      "system": "urn:oid:2.16.840.1.113883.4.4",
      "value": "95-87782727-QA"
    },
    {
      "use": "secondary",
      "type": {
        "coding": [
          {
            "system": "http://terminology.hl7.org/CodeSystem/v2-0203",
            "code": "FI",
            "display": "Facility ID"
          }
        ]
      },
      "system": "admission_program_code",
      "value": "LE00001"
    }
  ]
}
```

```

],
"active": true,
"type": [
  {
    "coding": [
      {
        "system": "http://hl7.org/fhir/us/davinci-pdex-plan-
net/CodeSystem/OrgTypeCS",
        "code": "fac",
        "display": "Facility"
      }
    ]
  },
  {
    "coding": [
      {
        "system": "http://terminology.hl7.org/CodeSystem/organization-
type",
        "code": "prov",
        "display": "Healthcare Provider"
      }
    ],
    "text": "Healthcare Provider"
  }
],
"name": "RECOVERY INC",
"telecom": [
  {
    "system": "phone",
    "value": "213-555-8172",
    "rank": 1
  },
  {
    "system": "email",
    "value": "recoveryinc@sapc.org",
    "rank": 2
  },
  {
    "system": "url",
    "value": "http://www.recoverinc.org",
    "rank": 3
  },
  {
    "extension": [
      {
        "extension": [
          {
            "url": "daysOfWeek",
            "valueString": "mon"
          },
          {
            "url": "daysOfWeek",
            "valueString": "tue"
          },
          {
            "url": "daysOfWeek",
            "valueString": "wed"
          }
        ]
      }
    ]
  }
]

```



```

    },
    {
      "url": "daysOfWeek",
      "valueString": "thu"
    },
    {
      "url": "daysOfWeek",
      "valueString": "fri"
    },
    {
      "url": "availableStartTime",
      "valueString": "08:00"
    },
    {
      "url": "availableEndTime",
      "valueString": "17:00"
    }
  ],
  "url": "http://hl7.org/fhir/us/davinci-pdex-plan-
net/StructureDefinition/contactpoint-availabletime"
}
],
"system": "other",
"value": "hoursOfOperation",
"rank": 4
}
],
"address": [
  {
    "type": "physical",
    "line": [
      "3250 Wilshire Blvd"
    ],
    "city": "Los Angeles",
    "state": "CA",
    "postalCode": "90020"
  }
],
"contact": [
  {
    "purpose": {
      "coding": [
        {
          "system": "http://terminology.hl7.org/CodeSystem/contactentity-
type",
          "code": "ADMIN",
          "display": "Manager"
        }
      ]
    },
    "name": {
      "text": "John Doe",
      "family": "Doe",
      "given": [
        "John"
      ]
    }
  }
],

```

```

"telecom": [
  {
    "system": "phone",
    "value": "626-999-9998",
    "rank": 1
  },
  {
    "system": "phone",
    "value": "626-999-9999",
    "rank": 2
  },
  {
    "system": "pager",
    "value": "626-999-0000",
    "rank": 3
  },
  {
    "system": "email",
    "value": "JohnDoe@example.com",
    "rank": 4
  }
]
},
{
  "purpose": {
    "coding": [
      {
        "system": "http://terminology.hl7.org/CodeSystem/contactentity-
type",
        "code": "ADMIN",
        "display": "Supervisor"
      }
    ]
  },
  "name": {
    "text": "Tarz Sup",
    "family": "Sup",
    "given": [
      "Tarz"
    ]
  },
  "telecom": [
    {
      "system": "phone",
      "value": "626-555-1234",
      "rank": 1
    },
    {
      "system": "phone",
      "value": "626-555-1235",
      "rank": 2
    },
    {
      "system": "pager",
      "value": "626-555-1236",
      "rank": 3
    },
  ],

```

```

    {
      "system": "email",
      "value": "tarzsup@email.com",
      "rank": 4
    }
  ]
}
]
}

```

OrganizationAffiliation

```

{
  "resourceType": "OrganizationAffiliation",
  "id": "1",
  "meta": {
    "versionId": "8",
    "lastUpdated": "2023-05-15T22:18:38.85+00:00",
    "profile": [
      "http://hl7.org/fhir/us/davinci-pdex-plan-
net/StructureDefinition/plannet-OrganizationAffiliation"
    ]
  },
  "language": "en-US",
  "active": true,
  "organization": {
    "reference": "Organization/1",
    "display": "RECOVERY INC"
  },
  "code": [
    {
      "coding": [
        {
          "system": "http://hl7.org/fhir/us/davinci-pdex-plan-
net/CodeSystem/OrganizationAffiliationRoleCS",
          "code": "outpatient",
          "display": "Clinic or Outpatient Facility"
        },
        {
          "system": "http://hl7.org/fhir/us/davinci-pdex-plan-
net/CodeSystem/OrganizationAffiliationRoleCS",
          "code": "behavioral",
          "display": "Outpatient Behavioral Health Provider"
        }
      ]
    }
  ],
  "specialty": [
    {
      "coding": [
        {
          "system": "http://nucc.org/provider-taxonomy",
          "code": "324500000X",

```

```

        "display": "Substance Abuse Rehabilitation Facility"
      }
    ]
  },
  "location": [
    {
      "reference": "Location/1--1--PGM.00002",
      "display": "Recovery Facility 2"
    },
    {
      "reference": "Location/1--1--PGM.00001",
      "display": "Recovery Facility"
    }
  ],
  "healthcareService": [
    {
      "reference": "HealthcareService/1--1--PGM.00002",
      "display": "Recovery Facility 2"
    },
    {
      "reference": "HealthcareService/1--1--PGM.00001",
      "display": "Recovery Facility"
    }
  ]
}

```

Practitioner

```

{
  "resourceType": "Practitioner",
  "id": "002683",
  "meta": {
    "versionId": "4",
    "lastUpdated": "2023-06-27T19:18:10.7+00:00",
    "profile": [
      "http://hl7.org/fhir/us/davinci-pdex-plan-
net/StructureDefinition/plannet-Practitioner"
    ]
  },
  "language": "en-US",
  "extension": [
    {

```

```
    "url": "discipline",
    "valueString": "Licensed - LPHA"
  }
],
"active": true,
"name": [
  {
    "text": "SCHWARZ,GREG SAPC",
    "family": "SCHWARZ",
    "given": [
      "GREG SAPC"
    ]
  }
],
"telecom": [
  {
    "system": "phone",
    "value": "888-888-8000",
    "rank": 1
  }
]
}
```

PractitionerRole

```
{
  "resourceType": "PractitionerRole",
  "id": "000002",
  "meta": {
    "versionId": "7",
```

```
"lastUpdated": "2023-06-01T22:15:53.934+00:00",
"profile": [
  "http://hl7.org/fhir/us/davinci-pdex-plan-
net/StructureDefinition/plannet-PractitionerRole"
]
},
"language": "en-US",
"identifier": [
  {
    "type": {
      "coding": [
        {
          "system": "http://terminology.hl7.org/CodeSystem/v2-0203",
          "code": "NPI",
          "display": "National provider identifier"
        }
      ]
    },
    "system": "http://hl7.org/fhir/sid/us-npi",
    "value": "1013113612"
  }
],
"practitioner": {
  "reference": "Practitioner/000002",
  "display": "LINDNER, REGINA"
},
"organization": {
  "reference": "Organization/200",
  "display": "AEGIS TREATMENT CENTERS LLC"
},
"telecom": [
  {
```

```
    "system": "phone",  
    "value": "562-946-1587",  
    "rank": 1  
  }  
]  
}
```

Developer Tools

Below is a list of tools to help developers integrate the Patient Access APIs from their applications.

<https://pdex.sapc.ph.lacounty.gov/index.html>