

Alliance Provider Directory

API DOCUMENTATION



Provider Directory Application Programming Interface

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Developers can access the Central California Alliance for Health (the Alliance) Provider Directory Application Programming Interface (API) products, which are based on the [HL7 FHIR 4.0.1 standard](#). There is no authorization or authentication required to access the endpoints. The data available through the APIs is that of network providers who are contracted with the Alliance.

The Provider Directory API provides information on the network of contracted providers which includes the names of providers, addresses, phone numbers, and specialty.

API Products

Provider Directory

No.	Product	Description
1	HealthcareService	The services offered by an organization/practitioner at a location
2	InsurancePlan	A discrete package of health insurance coverage benefits that are offered under a network type
3	Location	The physical place where healthcare services are provided, practitioners are employed, organizations are based, etc.
4	Organization	A formal or informal grouping of people or organizations with a common purpose, such as a company, institution, corporation, community group, or healthcare practice
5	OrganizationAffiliation	Describes relationships between two or more organizations
6	Practitioner	A person who is directly or indirectly involved in the provisioning of healthcare

No.	Product	Description
7	PractitionerRole	The role a practitioner plays at an organization, including the services they provide, the location(s) where they work, and their availability, electronic endpoints, and other relevant information

Testing and Using the APIs

Accessing Postman

If your application makes use of the API products in the Provider Directory API catalog, use the following steps to test the API:

1. You can download Postman at [Download Postman - Try Postman for Free](#) or use the web version at [Postman - Sign Up \(getpostman.com\)](#)
2. Once you have access to Postman, you can use GET requests to fetch practitioner (provider) data as listed in the next section. (You should be able to view the API response with 200 OK status.)

Sample GET Requests and Response Data

Note that the sample responses show only a subset of the entire output.

View the Practitioner Data

<https://us120.fhir.edifecsfedcloud.com/ccah/fhir/pd/R4/Practitioner>

```
{
  "resourceType": "Bundle",
  "id": "f9b84d07-4844-4d87-8787-83af2d9b734d",
  "meta": {
    "lastUpdated": "2023-08-18T14:12:23.234+00:00"
  },
  "type": "searchset",
  "link": [
    {
      "relation": "self",
      "url": "https://us120.fhir.edifecsfedcloud.com/ccah/fhir/pd/R4/Practitioner"
    },
    {
      "relation": "next",
      "url": "https://us120.fhir.edifecsfedcloud.com/ccah/fhir/pd/R4?_getpages=f9b84d07-4844-4d87-8787-83af2d9b734d&_getpagesoffset=20&_count=20&_bundletype=searchset"
    }
  ],
  "entry": [
```

```
{
  "fullUrl": "https://us120.fhir.edifecscloud.com/ccah/fhir/pd/R4/Practitioner/1566487",
  "resource": {
    "resourceType": "Practitioner",
    "id": "1566487",
    "meta": {
      "versionId": "1",
      "lastUpdated": "2023-08-16T12:48:54.713+00:00",
      "source": "DFE",
      "profile": [
        "http://hl7.org/fhir/us/davinci-pdex-plan-net/StructureDefinition/plannet-Practitioner"
      ],
      "tag": [
        {
          "system": "https://www.edifecs.com/fhir/tag/flowtype",
          "code": "Edifecs Provider ETL"
        },
        {
          "system": "https://www.edifecs.com/fhir/tag/mapname",
          "code": "CMS-DFE-Provider-FHIR.ems"
        },
        {
          "system": "https://www.edifecs.com/fhir/tag/guidelinename",
          "code": "DFE-Providers.ecs"
        },
        {
          "system": "https://www.edifecs.com/fhir/tag/sourceversion",
          "code": "1.8"
        },
        {
          "system": "https://www.edifecs.com/fhir/tag/productversion",
          "code": "9.3.0"
        },
        {
          "system": "https://www.edifecs.com/fhir/tag/artifactsversion",
          "code": "9.3.0.1275"
        }
      ]
    },
    "identifier": [
      {
        "use": "official",
        "system": "http://hl7.org/fhir/sid/us-npi",
        "value": "1699763748"
      }
    ]
  }
}
```

```

        "system": "https://www.edifecs.com/fhir/CodeSystems/id-simple-
deprecated",
        "value": "67ff4642232dfe1f668b6a111dea6a87f3ebc07ceb99b0c9cd8bbaf9e22
7c9e9"
      },
      {
        "use": "usual",
        "system": "https://www.edifecs.com/fhir/CodeSystems/id-simple",
        "value": "0a044002c83d8aead0573cc56a17fea9ef158b5943eb0e9fc671a93030d
bb574"
      }
    ],
    "active": true,
    "name": [
      {
        "family": "CHEN",
        "given": [
          "HOWARD"
        ]
      }
    ],
    "gender": "male",
    "communication": [
      {
        "coding": [
          {
            "display": "Cantonese"
          },
          {
            "system": "urn:ietf:bcp:47",
            "code": "es",
            "display": "Spanish"
          }
        ]
      }
    ]
  },
  "search": {
    "mode": "match"
  }
},

```

[Search for a Practitioner by Last Name](https://us120.fhir.edifecscloud.com/ccah/fhir/pd/R4/Practitioner?family=OPPENHEIM)

<https://us120.fhir.edifecscloud.com/ccah/fhir/pd/R4/Practitioner?family=OPPENHEIM>

```
{
```

```
"resourceType": "Bundle",
"id": "1d7c2b45-96e7-499b-b1e7-f4dd55f87a79",
"meta": {
  "lastUpdated": "2023-08-16T20:57:47.566+00:00"
},
"type": "searchset",
"link": [
  {
    "relation": "self",
    "url": "https://us120.fhir.edifecscloud.com/ccah/fhir/pd/R4/Practitioner"
  },
  {
    "relation": "next",
    "url": "https://us120.fhir.edifecscloud.com/ccah/fhir/pd/R4?_getpages=1d7c2b45-96e7-499b-b1e7-f4dd55f87a79&_getpagesoffset=20&_count=20&_bundletype=searchset"
  }
],
"entry": [
  {
    "fullUrl": "https://us120.fhir.edifecscloud.com/ccah/fhir/pd/R4/Practitioner/1566448",
    "resource": {
      "resourceType": "Practitioner",
      "id": "1566448",
      "meta": {
        "versionId": "1",
        "lastUpdated": "2023-08-16T12:48:50.650+00:00",
        "source": "DFF",
        "profile": [
          "http://hl7.org/fhir/us/davinci-pdex-plan-net/StructureDefinition/plannet-Practitioner"
        ],
        "tag": [
          {
            "system": "https://www.edifecs.com/fhir/tag/flowtype",
            "code": "Edifecs Provider ETL"
          },
          {
            "system": "https://www.edifecs.com/fhir/tag/mapname",
            "code": "CMS-DFF-Provider-FHIR.ems"
          },
          {
            "system": "https://www.edifecs.com/fhir/tag/guidelinename",
            "code": "DFF-Providers.ecs"
          },
          {
            "system": "https://www.edifecs.com/fhir/tag/sourceversion",
            "code": "1.8"
          }
        ]
      }
    }
  }
]
```

```

    },
    {
      "system": "https://www.edifecs.com/fhir/tag/productversion",
      "code": "9.3.0"
    },
    {
      "system": "https://www.edifecs.com/fhir/tag/artifactsversion",
      "code": "9.3.0.1275"
    }
  ]
}

```

Search by ZIP Code

<https://us120.fhir.edifecsfedcloud.com/ccah/fhir/pd/R4/HealthcareService?location.address-postalcode=95062>

```

{
  "resourceType": "Bundle",
  "id": "b426464e-2e30-4307-a741-382b3896d158",
  "meta": {
    "lastUpdated": "2023-08-16T21:02:22.005+00:00"
  },
  "type": "searchset",
  "link": [
    {
      "relation": "self",
      "url": "https://us120.fhir.edifecsfedcloud.com/ccah/fhir/pd/R4/HealthcareService?location.address-postalcode=95062"
    },
    {
      "relation": "next",
      "url": "https://us120.fhir.edifecsfedcloud.com/ccah/fhir/pd/R4?_getpages=b426464e-2e30-4307-a741-382b3896d158&_getpagesoffset=20&_count=20&_bundletype=searchset"
    }
  ],
  "entry": [
    {
      "fullUrl": "https://us120.fhir.edifecsfedcloud.com/ccah/fhir/pd/R4/HealthcareService/1566529",
      "resource": {
        "resourceType": "HealthcareService",
        "id": "1566529",
        "meta": {
          "versionId": "1",
          "lastUpdated": "2023-08-16T12:49:00.580+00:00",
          "source": "DFE",
          "profile": [

```

```
        "http://hl7.org/fhir/us/davinci-pdex-plan-
net/StructureDefinition/plannet-HealthcareService"
      ],
      "tag": [
        {
          "system": "https://www.edifecs.com/fhir/tag/flowtype",
          "code": "Edifecs Provider ETL"
        },
        {
          "system": "https://www.edifecs.com/fhir/tag/mapname",
          "code": "CMS-DFE-Provider-FHIR.ems"
        },
        {
          "system": "https://www.edifecs.com/fhir/tag/guidelinename",
          "code": "DFE-Providers.ecs"
        },
        {
          "system": "https://www.edifecs.com/fhir/tag/sourceversion",
          "code": "1.8"
        },
        {
          "system": "https://www.edifecs.com/fhir/tag/productversion",
          "code": "9.3.0"
        },
        {
          "system": "https://www.edifecs.com/fhir/tag/artifactsversion",
          "code": "9.3.0.1275"
        }
      ]
    },
    "extension": [
      {
        "url": "http://hl7.org/fhir/us/davinci-pdex-plan-
net/StructureDefinition/newpatients",
        "extension": [
          {
            "url": "acceptingPatients",
            "valueCodeableConcept": {
              "coding": [
                {
                  "system": "http://hl7.org/fhir/us/davinci-pdex-
plan-net/CodeSystem/AcceptingPatientsCS",
                  "code": "nopt",
                  "display": "Not Accepting"
                }
              ]
            }
          }
        ]
      }
    ]
  }
}
```

```
    ]
  },
  ],
  "identifier": [
    {
      "use": "usual",
      "system": "https://www.edifecs.com/fhir/practitioner/identifier",
      "value": "45ed650e9cb782c090a40f481c76739257dad5bac9d600313a67fd59ba3
ae5b8"
    },
    {
      "use": "usual",
      "system": "http://hl7.org/fhir/sid/us-npi",
      "value": "1841316213"
    },
    {
      "use": "official",
      "system": "https://www.edifecs.com/fhir/healthcareservice/identifier",
      "value": "1841316213Pediatrics Physician"
    }
  ],
  "active": true,
  "category": [
    {
      "coding": [
        {
          "system": "http://hl7.org/fhir/us/davinci-pdex-plan-
net/CodeSystem/HealthcareServiceCategoryCS",
          "code": "prov",
          "display": "Medical Provider"
        }
      ],
      "text": "individual"
    }
  ],
  "specialty": [
    {
      "coding": [
        {
          "system": "http://nucc.org/provider-taxonomy",
          "code": "208000000X",
          "display": "Pediatrics Physician"
        }
      ],
      "text": "Pediatrics Physician"
    }
  ],
  ],
```



```

    "location": [
      {
        "reference": "Location/1566525"
      },
      {
        "reference": "Location/1566526"
      },
      {
        "reference": "Location/1566527"
      },
      {
        "reference": "Location/1566528"
      }
    ],
    "name": "Pediatrics Physician"
  },
  "search": {
    "mode": "match"
  }
},

```

Search by City

<https://us120.fhir.edifecsfedcloud.com/ccah/fhir/pd/R4/Location?address-city=Salinas>

```

{
  "resourceType": "Bundle",
  "id": "67f095a9-5beb-49da-b063-51af479fab13",
  "meta": {
    "lastUpdated": "2023-08-16T21:04:08.716+00:00"
  },
  "type": "searchset",
  "total": 163,
  "link": [
    {
      "relation": "self",
      "url": "https://us120.fhir.edifecsfedcloud.com/ccah/fhir/pd/R4/Location?address-city=Salinas"
    },
    {
      "relation": "next",
      "url": "https://us120.fhir.edifecsfedcloud.com/ccah/fhir/pd/R4?_getpages=67f095a9-5beb-49da-b063-51af479fab13&_getpagesoffset=20&_count=20&_bundletype=searchset"
    }
  ],
  "entry": [
    {

```

```
"fullUrl": "https://us120.fhir.edifecsfedcloud.com/ccah/fhir/pd/R4/Location/1566458",
"resource": {
  "resourceType": "Location",
  "id": "1566458",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2023-08-16T12:48:53.910+00:00",
    "source": "DFF",
    "profile": [
      "http://hl7.org/fhir/us/davinci-pdex-plan-
net/StructureDefinition/plannet-Location"
    ],
    "tag": [
      {
        "system": "https://www.edifecs.com/fhir/tag/flowtype",
        "code": "Edifecs Provider ETL"
      },
      {
        "system": "https://www.edifecs.com/fhir/tag/mapname",
        "code": "CMS-DFF-Provider-FHIR.ems"
      },
      {
        "system": "https://www.edifecs.com/fhir/tag/guidelinename",
        "code": "DFF-Providers.ecs"
      },
      {
        "system": "https://www.edifecs.com/fhir/tag/sourceversion",
        "code": "1.8"
      },
      {
        "system": "https://www.edifecs.com/fhir/tag/productversion",
        "code": "9.3.0"
      },
      {
        "system": "https://www.edifecs.com/fhir/tag/artifactsversion",
        "code": "9.3.0.1275"
      }
    ]
  },
  "identifier": [
    {
      "use": "official",
      "system": "https://www.edifecs.com/fhir/location/identifier-
deprecated",
      "value": "26f1cd2cd864f1f74c8fa250cb5af02aeae3db4c3ad0604063e47a74fd7
e06e6"
    }
  ],
}
```

```

        {
          "use": "usual",
          "system": "https://www.edifecs.com/fhir/location/identifier",
          "value": "26f1cd2cd864f1f74c8fa250cb5af02aeae3db4c3ad0604063e47a74fd7
e06e6"
        }
      ],
      "status": "active",
      "name": "Location",
      "telecom": [
        {
          "system": "phone",
          "value": "8317582746",
          "use": "work"
        }
      ],
      "address": {
        "use": "work",
        "type": "postal",
        "line": [
          "1260 S MAIN ST",
          "STE 201"
        ],
        "city": "SALINAS",
        "state": "CA",
        "postalCode": "93901"
      }
    },
  ],
}

```

Search by NPI

<https://us120.fhir.edifecsfedcloud.com/ccah/fhir/pd/R4/Practitioner?identifier=1316386287>

```

{
  "resourceType": "Bundle",
  "id": "fad2e89d-3943-493e-956c-2a62cab1dbb9",
  "meta": {
    "lastUpdated": "2023-08-16T21:06:43.919+00:00"
  },
  "type": "searchset",
  "total": 1,
  "link": [
    {
      "relation": "self",
      "url": "https://us120.fhir.edifecsfedcloud.com/ccah/fhir/pd/R4/Practitioner?ident
ifier=1316386287"
    }
  ]
}

```

```
],
  "entry": [
    {
      "fullUrl": "https://us120.fhir.edifecscloud.com/ccah/fhir/pd/R4/Practitioner/1600422",
      "resource": {
        "resourceType": "Practitioner",
        "id": "1600422",
        "meta": {
          "versionId": "1",
          "lastUpdated": "2023-08-16T14:42:11.689+00:00",
          "source": "DFF",
          "profile": [
            "http://hl7.org/fhir/us/davinci-pdex-plan-net/StructureDefinition/plannet-Practitioner"
          ],
          "tag": [
            {
              "system": "https://www.edifecs.com/fhir/tag/flowtype",
              "code": "Edifecs Provider ETL"
            },
            {
              "system": "https://www.edifecs.com/fhir/tag/mapname",
              "code": "CMS-DFF-Provider-FHIR.ems"
            },
            {
              "system": "https://www.edifecs.com/fhir/tag/guidelinename",
              "code": "DFF-Providers.ecs"
            },
            {
              "system": "https://www.edifecs.com/fhir/tag/sourceversion",
              "code": "1.8"
            },
            {
              "system": "https://www.edifecs.com/fhir/tag/productversion",
              "code": "9.3.0"
            },
            {
              "system": "https://www.edifecs.com/fhir/tag/artifactsversion",
              "code": "9.3.0.1275"
            }
          ]
        },
        "identifier": [
          {
            "use": "official",
            "system": "http://hl7.org/fhir/sid/us-npi",
            "value": "1316386287"
          }
        ]
      }
    }
  ]
}
```

```
    },
    {
      "system": "https://www.edifecs.com/fhir/CodeSystems/id-simple-
deprecated",
      "value": "fd0a1041639d9f27659679fa4cd35dc60149c1b827bba866685ebfcaf5b
a0f43"
    },
    {
      "use": "usual",
      "system": "https://www.edifecs.com/fhir/CodeSystems/id-simple",
      "value": "eacb9b1631ae64c3eedf7f1036c55d6f6480db7e1aa5b85109a34546c3e
111d1"
    }
  ],
  "active": true,
  "name": [
    {
      "family": "HANNA",
      "given": [
        "NICHOLAS",
        "MOHEEN"
      ]
    }
  ],
  "gender": "male",
  "communication": [
    {
      "coding": [
        {
          "system": "urn:ietf:bcp:47",
          "code": "en",
          "display": "English"
        }
      ]
    }
  ]
},
"search": {
  "mode": "match"
}
}
```

Look up a Practitioner's Address

[https://us120.fhir.edifecscloud.com/ccah/fhir/pd/R4/Location?address=1441 CONSTITUTION BLVD](https://us120.fhir.edifecscloud.com/ccah/fhir/pd/R4/Location?address=1441%20CONSTITUTION%20BLVD)

```
{
  "resourceType": "Bundle",
  "id": "c032cc91-7159-4280-8fc5-0771dc572f11",
  "meta": {
    "lastUpdated": "2023-08-16T21:08:20.643+00:00"
  },
  "type": "searchset",
  "total": 24,
  "link": [
    {
      "relation": "self",
      "url": "https://us120.fhir.edifecscloud.com/ccah/fhir/pd/R4/Location?address=1441%20CONSTITUTION%20BLVD"
    },
    {
      "relation": "next",
      "url": "https://us120.fhir.edifecscloud.com/ccah/fhir/pd/R4?_getpages=c032cc91-7159-4280-8fc5-0771dc572f11&_getpagesoffset=20&_count=20&_bundletype=searchset"
    }
  ],
  "entry": [
    {
      "fullUrl": "https://us120.fhir.edifecscloud.com/ccah/fhir/pd/R4/Location/1566500",
      "resource": {
        "resourceType": "Location",
        "id": "1566500",
        "meta": {
          "versionId": "1",
          "lastUpdated": "2023-08-16T12:48:59.783+00:00",
          "source": "DFE",
          "profile": [
            "http://hl7.org/fhir/us/davinci-pdex-plan-net/StructureDefinition/plannet-Location"
          ],
          "tag": [
            {
              "system": "https://www.edifecs.com/fhir/tag/flowtype",
              "code": "Edifecs Provider ETL"
            },
            {
              "system": "https://www.edifecs.com/fhir/tag/mapname",
              "code": "CMS-DFE-Provider-FHIR.ems"
            }
          ]
        }
      }
    }
  ]
}
```

```

    },
    {
      "system": "https://www.edifecs.com/fhir/tag/guidelinename",
      "code": "DFF-Providers.ecs"
    },
    {
      "system": "https://www.edifecs.com/fhir/tag/sourceversion",
      "code": "1.8"
    },
    {
      "system": "https://www.edifecs.com/fhir/tag/productversion",
      "code": "9.3.0"
    },
    {
      "system": "https://www.edifecs.com/fhir/tag/artifactsversion",
      "code": "9.3.0.1275"
    }
  ]
},
"identifier": [
  {
    "use": "official",
    "system": "https://www.edifecs.com/fhir/location/identifier-
depreciated",
    "value": "202a6e4f9e89920d4754a1a30276d51afd9c8ca58562f9377050009045f
607fe"
  },
  {
    "use": "usual",
    "system": "https://www.edifecs.com/fhir/location/identifier",
    "value": "202a6e4f9e89920d4754a1a30276d51afd9c8ca58562f9377050009045f
607fe"
  }
],
"status": "active",
"name": "Location",
"telecom": [
  {
    "system": "phone",
    "value": "8317554156",
    "use": "work"
  }
],
"address": {
  "use": "work",
  "type": "postal",
  "line": [
    "1441 CONSTITUTION BLVD",

```

```

        "STE 200"
      ],
      "city": "SALINAS",
      "state": "CA",
      "postalCode": "93906"
    }
  },
  "search": {
    "mode": "match"
  }
},

```

[Search for Specialists by Taxonomy Code](#)

<https://us120.fhir.edifecsfedcloud.com/ccah/fhir/pd/R4/HealthcareService?specialty=207N00000X>

```

{
  "resourceType": "Bundle",
  "id": "c0a46a4d-4797-4a2c-8422-7c2948d60df6",
  "meta": {
    "lastUpdated": "2023-08-16T21:09:15.062+00:00"
  },
  "type": "searchset",
  "total": 230,
  "link": [
    {
      "relation": "self",
      "url": "https://us120.fhir.edifecsfedcloud.com/ccah/fhir/pd/R4/HealthcareService?specialty=207N00000X"
    },
    {
      "relation": "next",
      "url": "https://us120.fhir.edifecsfedcloud.com/ccah/fhir/pd/R4?_getpages=c0a46a4d-4797-4a2c-8422-7c2948d60df6&_getpagesoffset=20&_count=20&_bundletype=searchset"
    }
  ],
  "entry": [
    {
      "fullUrl": "https://us120.fhir.edifecsfedcloud.com/ccah/fhir/pd/R4/HealthcareService/1566856",
      "resource": {
        "resourceType": "HealthcareService",
        "id": "1566856",
        "meta": {
          "versionId": "1",
          "lastUpdated": "2023-08-16T12:49:51.840+00:00",
          "source": "DFE",

```



```
    "profile": [
      "http://hl7.org/fhir/us/davinci-pdex-plan-
net/StructureDefinition/plannet-HealthcareService"
    ],
    "tag": [
      {
        "system": "https://www.edifecs.com/fhir/tag/flowtype",
        "code": "Edifecs Provider ETL"
      },
      {
        "system": "https://www.edifecs.com/fhir/tag/mapname",
        "code": "CMS-DFF-Provider-FHIR.ems"
      },
      {
        "system": "https://www.edifecs.com/fhir/tag/guidelinename",
        "code": "DFF-Providers.ecs"
      },
      {
        "system": "https://www.edifecs.com/fhir/tag/sourceversion",
        "code": "1.8"
      },
      {
        "system": "https://www.edifecs.com/fhir/tag/productversion",
        "code": "9.3.0"
      },
      {
        "system": "https://www.edifecs.com/fhir/tag/artifactsversion",
        "code": "9.3.0.1275"
      }
    ]
  },
  "extension": [
    {
      "url": "http://hl7.org/fhir/us/davinci-pdex-plan-
net/StructureDefinition/newpatients",
      "extension": [
        {
          "url": "acceptingPatients",
          "valueCodeableConcept": {
            "coding": [
              {
                "system": "http://hl7.org/fhir/us/davinci-pdex-
plan-net/CodeSystem/AcceptingPatientsCS",
                "code": "nopt",
                "display": "Not Accepting"
              }
            ]
          }
        }
      ]
    }
  ]
}
```

```
    }
  ]
}
],
"identifier": [
  {
    "use": "usual",
    "system": "https://www.edifecs.com/fhir/practitioner/identifier",
    "value": "72a6391bcd49479ab4976818612e72aff6c728e7100c241a220279be927
a14ec"
  },
  {
    "use": "usual",
    "system": "http://hl7.org/fhir/sid/us-npi",
    "value": "1023097383"
  },
  {
    "use": "official",
    "system": "https://www.edifecs.com/fhir/healthcareservice/identifier",
    "value": "1023097383Dermatology Physician"
  }
],
"active": true,
"category": [
  {
    "coding": [
      {
        "system": "http://hl7.org/fhir/us/davinci-pdex-plan-
net/CodeSystem/HealthcareServiceCategoryCS",
        "code": "prov",
        "display": "Medical Provider"
      }
    ],
    "text": "individual"
  }
],
"specialty": [
  {
    "coding": [
      {
        "system": "http://nucc.org/provider-taxonomy",
        "code": "207N00000X",
        "display": "Dermatology Physician"
      }
    ],
    "text": "Dermatology Physician"
  }
]
```

```

    ],
    "location": [
      {
        "reference": "Location/1566525"
      },
      {
        "reference": "Location/1566855"
      }
    ],
    "name": "Dermatology Physician"
  },
  "search": {
    "mode": "match"
  }
},

```

Search Practitioner Role by Practitioner ID

<https://us120.fhir.edifecscloud.com/ccah/fhir/pd/R4/Practitioner/1566448>

```

{
  "resourceType": "Practitioner",
  "id": "1566448",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2023-08-16T12:48:50.650+00:00",
    "source": "DFE",
    "profile": [
      "http://hl7.org/fhir/us/davinci-pdex-plan-net/StructureDefinition/plannet-Practitioner"
    ],
    "tag": [
      {
        "system": "https://www.edifecs.com/fhir/tag/flowtype",
        "code": "Edifecs Provider ETL"
      },
      {
        "system": "https://www.edifecs.com/fhir/tag/guidelinename",
        "code": "DFE-Providers.ecs"
      },
      {
        "system": "https://www.edifecs.com/fhir/tag/sourceversion",
        "code": "1.8"
      },
      {
        "system": "https://www.edifecs.com/fhir/tag/mapname",
        "code": "CMS-DFE-Provider-FHIR.ems"
      }
    ]
  }
}

```

```
    },
    {
      "system": "https://www.edifecs.com/fhir/tag/productversion",
      "code": "9.3.0"
    },
    {
      "system": "https://www.edifecs.com/fhir/tag/artifactsversion",
      "code": "9.3.0.1275"
    }
  ]
},
"identifier": [
  {
    "use": "official",
    "system": "http://hl7.org/fhir/sid/us-npi",
    "value": "1093857930"
  },
  {
    "system": "https://www.edifecs.com/fhir/CodeSystems/id-simple-deprecated",
    "value": "89db9d7d90bd4c9c74a8927784c809ebd7628f29c584103ae2242eda26785981"
  },
  {
    "use": "usual",
    "system": "https://www.edifecs.com/fhir/CodeSystems/id-simple",
    "value": "593ebb332eeca666019d06d250e56ad9383b51e5fd39c785282ad44388a56fa4"
  }
],
"active": true,
"name": [
  {
    "family": "HINTZ",
    "given": [
      "SUSAN"
    ]
  }
],
"gender": "female",
"communication": [
  {
    "coding": [
      {
        "system": "urn:ietf:bcp:47",
        "code": "en",
        "display": "English"
      }
    ]
  }
]
]
```

```
}
```

Search an Organization by Organization Name

<https://us120.fhir.edifecscloud.com/ccah/fhir/pd/R4/Practitioner/1566448>

```
{
  "resourceType": "Bundle",
  "id": "d7d14611-dfcf-422d-84e0-4754bbe71443",
  "meta": {
    "lastUpdated": "2023-08-16T21:13:55.306+00:00"
  },
  "type": "searchset",
  "total": 1,
  "link": [
    {
      "relation": "self",
      "url": "https://us120.fhir.edifecscloud.com/ccah/fhir/pd/R4/Organization?identifier=770395311"
    }
  ],
  "entry": [
    {
      "fullUrl": "https://us120.fhir.edifecscloud.com/ccah/fhir/pd/R4/Organization/1566406",
      "resource": {
        "resourceType": "Organization",
        "id": "1566406",
        "meta": {
          "versionId": "1",
          "lastUpdated": "2023-08-16T12:48:50.650+00:00",
          "source": "DFE",
          "profile": [
            "http://hl7.org/fhir/us/davinci-pdex-plan-net/StructureDefinition/plannet-Network"
          ],
          "tag": [
            {
              "system": "https://www.edifecs.com/fhir/tag/flowtype",
              "code": "Edifecs Provider ETL"
            },
            {
              "system": "https://www.edifecs.com/fhir/tag/mapname",
              "code": "CMS-DFE-Provider-FHIR.ems"
            },
            {
              "system": "https://www.edifecs.com/fhir/tag/guidelinename",
```

```

        "code": "DFF-Providers.ecs"
      },
      {
        "system": "https://www.edifecs.com/fhir/tag/sourceversion",
        "code": "1.8"
      },
      {
        "system": "https://www.edifecs.com/fhir/tag/productversion",
        "code": "9.3.0"
      },
      {
        "system": "https://www.edifecs.com/fhir/tag/artifactsversion",
        "code": "9.3.0.1275"
      }
    ]
  },
  "identifier": [
    {
      "use": "official",
      "system": "https://www.edifecs.com/fhir/cms-organization/identifier",
      "value": "IN-NETWORK-2023-770395311"
    },
    {
      "use": "usual",
      "system": "https://www.edifecs.com/fhir/cms-organization/plan_id",
      "value": "770395311",
      "period": {
        "start": "2023-01-01",
        "end": "2023-12-31"
      }
    }
  ],
  "active": true,
  "type": [
    {
      "coding": [
        {
          "system": "http://hl7.org/fhir/us/davinci-pdex-plan-
net/CodeSystem/OrgTypeCS",
          "code": "ntwk",
          "display": "Network"
        }
      ]
    }
  ],
  "name": "IN-NETWORK-2023",
  "partOf": {
    "display": "Central California Alliance for Health Medi-Cal"
  }
}

```

```

    }
  },
  "search": {
    "mode": "match"
  }
}
]
}

```

[Search the Organization Affiliation by Specialty \(Taxonomy Code\)](https://us120.fhir.edifecscloud.com/ccah/fhir/pd/R4/HealthcareService?specialty=207N00000X)

<https://us120.fhir.edifecscloud.com/ccah/fhir/pd/R4/HealthcareService?specialty=207N00000X>

```

{
  "resourceType": "Bundle",
  "id": "22fb7439-a209-44d4-b4eb-a2034cfb22a8",
  "meta": {
    "lastUpdated": "2023-08-18T15:37:12.991+00:00"
  },
  "type": "searchset",
  "total": 230,
  "link": [
    {
      "relation": "self",
      "url": "https://us120.fhir.edifecscloud.com/ccah/fhir/pd/R4/HealthcareService?specialty=207N00000X"
    },
    {
      "relation": "next",
      "url": "https://us120.fhir.edifecscloud.com/ccah/fhir/pd/R4?_getpages=22fb7439-a209-44d4-b4eb-a2034cfb22a8&_getpagesoffset=20&_count=20&_bundletype=searchset"
    }
  ],
  "entry": [
    {
      "fullUrl": "https://us120.fhir.edifecscloud.com/ccah/fhir/pd/R4/HealthcareService/1566856",
      "resource": {
        "resourceType": "HealthcareService",
        "id": "1566856",
        "meta": {
          "versionId": "1",
          "lastUpdated": "2023-08-16T12:49:51.840+00:00",
          "source": "DFE",
          "profile": [
            "http://hl7.org/fhir/us/davinci-pdex-plan-net/StructureDefinition/plannet-HealthcareService"
          ]
        }
      }
    }
  ]
}

```

```
    ],
    "tag": [
      {
        "system": "https://www.edifecs.com/fhir/tag/flowtype",
        "code": "Edifecs Provider ETL"
      },
      {
        "system": "https://www.edifecs.com/fhir/tag/mapname",
        "code": "CMS-DFE-Provider-FHIR.ems"
      },
      {
        "system": "https://www.edifecs.com/fhir/tag/guidelinename",
        "code": "DFE-Providers.ecs"
      },
      {
        "system": "https://www.edifecs.com/fhir/tag/sourceversion",
        "code": "1.8"
      },
      {
        "system": "https://www.edifecs.com/fhir/tag/productversion",
        "code": "9.3.0"
      },
      {
        "system": "https://www.edifecs.com/fhir/tag/artifactsversion",
        "code": "9.3.0.1275"
      }
    ]
  },
  "extension": [
    {
      "url": "http://hl7.org/fhir/us/davinci-pdex-plan-
net/StructureDefinition/newpatients",
      "extension": [
        {
          "url": "acceptingPatients",
          "valueCodeableConcept": {
            "coding": [
              {
                "system": "http://hl7.org/fhir/us/davinci-pdex-
plan-net/CodeSystem/AcceptingPatientsCS",
                "code": "nopt",
                "display": "Not Accepting"
              }
            ]
          }
        }
      ]
    }
  ]
}
```



```
    ],
    "identifier": [
      {
        "use": "usual",
        "system": "https://www.edifecs.com/fhir/practitioner/identifier",
        "value": "72a6391bcd49479ab4976818612e72aff6c728e7100c241a220279be927
a14ec"
      },
      {
        "use": "usual",
        "system": "http://hl7.org/fhir/sid/us-npi",
        "value": "1023097383"
      },
      {
        "use": "official",
        "system": "https://www.edifecs.com/fhir/healthcareservice/identifier",
        "value": "1023097383Dermatology Physician"
      }
    ],
    "active": true,
    "category": [
      {
        "coding": [
          {
            "system": "http://hl7.org/fhir/us/davinci-pdex-plan-
net/CodeSystem/HealthcareServiceCategoryCS",
            "code": "prov",
            "display": "Medical Provider"
          }
        ],
        "text": "individual"
      }
    ],
    "specialty": [
      {
        "coding": [
          {
            "system": "http://nucc.org/provider-taxonomy",
            "code": "207N00000X",
            "display": "Dermatology Physician"
          }
        ],
        "text": "Dermatology Physician"
      }
    ],
    "location": [
      {
```

```
        "reference": "Location/1566525"
      },
      {
        "reference": "Location/1566855"
      }
    ],
    "name": "Dermatology Physician"
  },
  "search": {
    "mode": "match"
  }
},
```

Using the APIs to Interface Your Apps for Public Use

The following sections express our expectations from your application and from your organization at a minimum.

Requirements for Production

The Alliance requires that your organization make the following resources publicly available and easily accessible for users to see and read:

- Privacy Policy
- Terms of Service

Privacy Policy and Terms of Service

Generally, we expect your privacy policy to indicate how you collect, use and store Alliance data.

Accountability and Provenance

Your organization should comply with fair information practices related to record keeping and must comply with state and federal laws.

Sample Use Case

This use case helps you understand what information is being returned by the Provider Directory resource from the Provider Directory API.

<https://us120.fhir.edifecsfedcloud.com/ccah/fhir/pd/R4/Practitioner?family=Reed>

The above URL returns all information about practitioners (providers) with the last name of Reed who are formally involved in the healthcare process and healthcare-related services on behalf of a healthcare facility. Practitioners include and are not limited to physicians, nurses, pharmacists, therapists, technologists, and social workers. The Plan Net Practitioner API returns fields including Practitioner ID, NPI, Name, and profile information.

This API call returns a Practitioner resource data. The following is a subset of the returned data:

```
{
  "resourceType": "Bundle",
  "id": "8532d1a3-9d14-4a60-a4bc-11d101c54bc9",
  "meta": {
    "lastUpdated": "2023-08-16T21:30:39.322+00:00"
  },
  "type": "searchset",
  "total": 5,
  "link": [
    {
      "relation": "self",
      "url": "https://us120.fhir.edifecscloud.com/ccah/fhir/pd/R4/Practitioner?family=Reed"
    }
  ],
  "entry": [
    {
      "fullUrl": "https://us120.fhir.edifecscloud.com/ccah/fhir/pd/R4/Practitioner/1570929",
      "resource": {
        "resourceType": "Practitioner",
        "id": "1570929",
        "meta": {
          "versionId": "1",
          "lastUpdated": "2023-08-16T13:02:25.807+00:00",
          "source": "DFE",
          "profile": [
            "http://hl7.org/fhir/us/davinci-pdex-plan-net/StructureDefinition/plannet-Practitioner"
          ],
          "tag": [
            {
              "system": "https://www.edifecs.com/fhir/tag/mapname",
              "code": "CMS-DFE-Provider-FHIR.ems"
            },
            {
              "system": "https://www.edifecs.com/fhir/tag/flowtype",
              "code": "Edifecs Provider ETL"
            },
            {
              "system": "https://www.edifecs.com/fhir/tag/productversion",
              "code": "9.3.0"
            },
            {
              "system": "https://www.edifecs.com/fhir/tag/artifactsversion",
              "code": "9.3.0.1275"
            }
          ]
        }
      }
    }
  ]
}
```

```

        "system": "https://www.edifecs.com/fhir/tag/guidelinename",
        "code": "DFE-Providers.ecs"
      },
      {
        "system": "https://www.edifecs.com/fhir/tag/sourceversion",
        "code": "1.8"
      }
    ]
  },
  "identifier": [
    {
      "use": "official",
      "system": "http://hl7.org/fhir/sid/us-npi",
      "value": "1528177706"
    },
    {
      "system": "https://www.edifecs.com/fhir/CodeSystems/id-simple-
deprecated",
      "value": "4e1d9766045a3d6467912816d02dfb988f5863feda7ebc3257c73b144a3
f98c7"
    },
    {
      "use": "usual",
      "system": "https://www.edifecs.com/fhir/CodeSystems/id-simple",
      "value": "1933edaba6bbd04aa6c5b064d8cb1e178512ac6781db7da53984d5e03f8
7a942"
    }
  ],
  "active": true,
  "name": [
    {
      "family": "REED",
      "given": [
        "JOHN"
      ]
    }
  ],
  "gender": "male",
  "communication": [
    {
      "coding": [
        {
          "system": "urn:ietf:bcp:47",
          "code": "en",
          "display": "English"
        }
      ]
    }
  ]
}

```

```
    ],  
    },  
    "search": {  
      "mode": "match"  
    }  
  }  
},
```



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