Healthcare Identifiers (HI) Service

System Interface Specification (SIS)
Read Provider or Administrative
Individual Details
TECH.SIS.HI.15

Healthcare Identifiers Service	
Document Author	~~Healthcare Identifiers~~ eHealth Branch, Department of Human Services
Document Date	August 2014
Document Version	Final v9.0
Release	December 2013 Release
Web Service and Version	HI_ProviderReadProviderAdministrativeIndividual-3.2.0.wsdl

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Document Change Control

Date of Issue	Brief Description of Change
5 December 2010	Final for v3.2.0 Release.
24 September 2011	Final for v5.0 **Response Element Definitions** Section 6.1 – Update to Service Messages Definition to include Error messages as a possible response. **Validation Updates** Section 7 - Additional General validation added for unauthorised user roles accessing the service. (ESB ERROR) Section 7 – Additional information added surrounding WSE9014 is only applicable for admin roles.
September 2012	Final for v6.0 **Introduction** – reword the second section to state the access rules for the following roles: HPI-I, RO & OMO **Section 2** – Reword service summary **Section 3 Service Rules** Remove WR15.3 Add and update access service rules for individuals WR15.3, WR15.4, WR15.5, WR15.6 & WR15.7 Add service rule WR15.9 WR15.10 Addition of highlighted text: **Section 5.1 – Request element definitions** Add new wording "{qualifierIdentifier}"and add Note: **Section 6.1 Response element definitions** Remove 'Warning' from the description for serviceMessages **Section 7 – Functional Validations** Error message WSE9017 Addition of highlighted text Error message 9014 - Change description to "Only applicable to the HPI-I role" **Section 9 – Information, Warning and Error messages** WSE0134 amend error text from <provider/individual type> to <Organisation/individual type> Add new ESBERR "Attempted access to this service from a role which does not have authorisation" **Section 10** – Definitions, Acronyms and Abbreviations Remove MSO & IHP from acronyms
December 2012	**Final for v7.0** **Main Page – Web service and version** Correct wsdl name to "HI_ProviderReadProviderAdministrativeIndividual, Version 3.2.0.wsdl"
December 2013	**Final for v8.0** Correct the service rules (section 3) for WR15.6 and WR15.6a.
August 2014	**Final for v9.0** Update page 2 notice

Associated Documents

The following table lists all documents that are relevant to this document:

Document Name
Common Functionality Document for SIS (SIS #1)
Common Field Processing Reference Document (SIS #2)
Service Component Definitions (SIS #23)
HI Service – Change Guide
HI Service – Services Catalogue [1]

Associated Web Service

Web Service	WSDL Version
HI_ProviderReadProviderAdministrativeIndividual-3.2.0.wsdl	3.2.0

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[1] Note the HI Service – Services Catalogue has replaced the previously issued Technical Services Catalogue

Introduction

The ReadProviderAdministrativeIndividual web service allows a trusted party to read the details of an individual record within the HI Service. This individual may be acting in one or more of the following roles:

- ❑ a Responsible Officer (RO)
- ❑ an Organisation Maintenance Officer (OMO)
- ❑ Healthcare Provider Identifier Individual (HPI-I)

The following access rules apply:

- ❑ a RO, OMO or HPI-I can access their own record
- ❑ an RO can access the details of OMO linked to the Seed organisation
- ❑ an OMO can access the details of any individual linked to the same organisation or lower in the hierarchy.

The general uses of this web service include (but are not limited to):

- ❑ determining the current state of an individual record
- ❑ retrieving the external identifiers of name, address and communication details of the individual record.

1   Preconditions

None

2   Service Summary

This web service allows an individual to retrieve details of their own record or the record of another individual where applicable business rules apply.
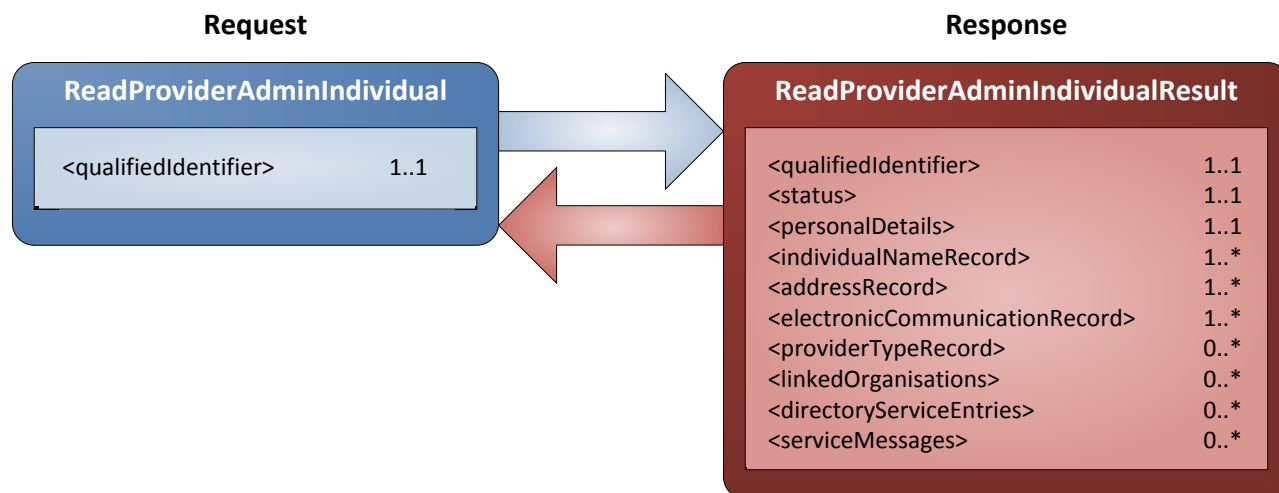
Request   **Response**

ReadProviderAdminIndividual		**ReadProviderAdminIndividualResult**	
<qualifiedIdentifier>	1..1	<qualifiedIdentifier>	1..1
		<status>	1..1
		<personalDetails>	1..1
		<individualNameRecord>	1..*
		<addressRecord>	1..*
		<electronicCommunicationRecord>	1..*
		<providerTypeRecord>	0..*
		<linkedOrganisations>	0..*
		<directoryServiceEntries>	0..*
		<serviceMessages>	0..*

Figure 1- Service Summary Diagram

All requests are identified by the presence of the following details:

- ❑ qualifiedIdentifier – a single element containing the qualified identifier of the individual record that is to be read.

All responses will include the following details:

- ❑ qualifiedIdentifier – a single element containing the identifier of the individual record
- ❑ status – a single element containing the currents status of the individual record

❑ personalDetails – a single element containing the sex and date of birth of the individual
❑ individualNameRecord – one or more elements containing the names that an individual is known by
❑ addressRecord – one or more elements containing the addresses of an individual
❑ electronicCommunicationRecord – one or more elements containing the electronic communication details of an individual
❑ providerTypeRecord – (for Provider Individuals) one or more elements containing the individual's field of practice information
❑ linkedOrganisations – zero or more elements containing the details of all links this individual has to organisations
❑ directoryServiceEntries - (for Provider Individuals) zero or more elements containing the entries that a provider has on the Healthcare Provider Directory

3 Service Rules

The rules that govern processing of requests received through this service are as follows:

WR15.1.   A qualified identifier must be provided for every request made to read a Provider or Administrative individual's record.

WR15.2.   Each request received will be validated to ensure that all required elements are provided and that elements are consistent with their length and type restrictions.

WR15.3.   An individual who only holds a HPI-I role may only read the details of their own record

WR15.4.   An OMO may read their own details and the details of another individuals' record which is linked to the same organisation or an organisation below them in their hierarchy.

WR15.5.   An RO can read their own details and the details of any individual linked to the Seed organisation.

WR15.6.   An individual record may only be read where it is not in a Retired state. (HPI-I Only)

(a)   When an individual is in the role of HPI-I only, they may not read their own record when they are deactivated or Retired as they no longer have authority to access the service.

WR15.7.   Where an individual is linked to an organisation, all active links will be returned.

WR15.8.   Where an individual record has been resolved to a duplicate, this service will notify a requestor that the identifier they are using is no longer valid and will provide the current identifier to be used.

WR15.9.   Where an individual record has been resolved to a replica, this service will notify a requestor that the identifier they are using is no longer valid and not authorised to be used again.

(a)   Individual attempting to read their own record that has been Resolved (as Replica).

(b)   An Active individual with authorised attempt to read a record that has been Resolved (as replica)

WR15.10. A successful read of an individual record will result in:

(a)   all record details being returned, including external identifiers for names, addresses, communications as well as providerTypes linkedOrganisations and directoryServiceEntries (if applicable).

(b)   the read request being logged.

4 Included Schemas

The following schema files are included as qualified namespaces by this web service:

Schema & Namespace	Usage Summary
Schema: XMLSchema.xsd **Namespace:** http://www.w3.org/2001/XMLSchema	Standard XML elements and types.
Schema: IndividualName.xsd **Namespace:** http://ns.electronichealth.net.au/hi/xsd/providercore/IndividualName/3.2.0	Common elements used for the specification of an individual's name details.
Schema: Address.xsd **Namespace:** http://ns.electronichealth.net.au/hi/xsd/providercore/Address/3.2.0	Common elements used for the specification of an individual's address details.
Schema: ElectronicCommunication.xsd **Namespace:** http://ns.electronichealth.net.au/hi/xsd/providercore/ElectronicCommunication/3.2.0	Common elements used for the specification of an individual's electronic communication details.
Schema: PersonalDetails.xsd **Namespace:** http://ns.electronichealth.net.au/hi/xsd/providercore/PersonalDetails/3.2.0	Common elements used for the specification of an individual's gender, date of birth and date of death.
Schema: ProviderType.xsd **Namespace:** http://ns.electronichealth.net.au/hi/xsd/providercore/ProviderType/3.2.0	Common elements used for the specification of an individual's field of practice.
Schema: CommonCoreElements.xsd **Namespace:** http://ns.electronichealth.net.au/hi/xsd/common/CommonCoreElements/3.2.0	Common elements used across a number of schemas.

5 Request – readProviderAdmininistrativeIndividual

```
<xsd:element name="readProviderAdministrativeIndividual">
    <xsd:annotation>
        <xsd:documentation> Read Provider Individual Request element</xsd:documentation>
    </xsd:annotation>
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="qualifiedIdentifier" type="pce:QualifiedIdentifierType" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
```

5.1 Request element definitions

Note: All fields must be provided in sequence. Please see TECH.SIS.HI.23 for definitions of elements, complexTypes and simpleTypes referenced below.

Seq #	Element Name	Element Information	Cardinality	Description
1	qualifiedIdentifier	QualifiedIdentifier See simpleType	1..1 (Mandatory)	A qualified identifier which is used to identify a record which requires reading within the HI Service. The element consists of a {qualifier} + {Identifier}. The accepted {qualifierIdentifier}s include: For Provider Individuals: http://ns.electronichealth.net.au/id/hi/hpii/1.0/ For Administrative Individuals: http://ns.electronichealth.net.au/id/hi/ro/1.0/ http://ns.electronichealth.net.au/id/hi/omo/1.0/ Note: The system does not differentiate between {qualifiers} for an 'Admin' type individual, therefore an RO {qualifier} can be used with an OMO's {identifier} and vice versa (when they do not have both roles).

5.2 Example Request – Read own Provider Individual details

```
<ns2:readProviderAdministrativeIndividual>
    <ns3:qualifiedIdentifier>http://ns.electronichealth.net.au/id/hi/hpii/1.0/8003612500002300</ns3:qualifiedIdentifier>
</ns2:readProviderAdministrativeIndividual>
```

5.3 Example Request – Read own Administrative Individual details

```
<ns2:readProviderAdministrativeIndividual>
   <ns3:qualifiedIdentifier>http://ns.electronichealth.net.au/id/hi/omo/1.0/2500000742</ns3:qualifiedIdentifier>
</ns2:readProviderAdministrativeIndividual>
```

6 Response - readProviderAdministrativeIndividualResult

```
<xsd:element name="readProviderAdministrativeIndividualResult">
    <xsd:annotation>
        <xsd:documentation> Read Provider Individual Response element</xsd:documentation>
    </xsd:annotation>
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="qualifiedIdentifier" type="pce:QualifiedIdentifierType" />
            <xsd:element name="status" type="pce:StatusType" />
            <xsd:element ref="ppd:personalDetails" />
            <xsd:element ref="pin:individualNameRecord" maxOccurs="unbounded" />
            <xsd:element ref="pad:addressRecord" maxOccurs="unbounded" />
            <xsd:element ref="pec:electronicCommunicationRecord" maxOccurs="unbounded" />
            <xsd:element ref="ppt:providerTypeRecord" minOccurs="0" maxOccurs="unbounded" />
            <xsd:element name="linkedOrganisations" type="plt:LinkedOrganisationType" minOccurs="0"
                maxOccurs="unbounded" />
            <xsd:element name="directoryServiceEntries" type="pds:ProviderDirectoryIndividualEntryRecord"
                minOccurs="0" maxOccurs="unbounded" />
            <xsd:element ref="cce:serviceMessages" minOccurs="0" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:complexType>
```

6.1 Response element definitions

Note: All fields will be provided in sequence. Please see TECH.SIS.HI.23 for definitions of elements, complexTypes and simpleTypes referenced below.

Seq #	Element Name	Element Information	Cardinality	Description
1	qualifiedIdentifier	QualifiedIdentifier See simpleType	1..1 (Mandatory)	A qualified identifier which is returned to confirm that an individual record was successfully found and read within the HI Service. The element consists of a {qualifier}+{identifier}. The accepted {qualifier}s include: For Provider Individuals: http://ns.electronichealth.net.au/id/hi/hpii/1.0/ For Administrative Individuals: http://ns.electronichealth.net.au/id/hi/ro/1.0/ http://ns.electronichealth.net.au/id/hi/omo/1.0/
2	status	See element	1..1 (Mandatory)	The current status of the individual's record.

Seq #	Element Name	Element Information	Cardinality	Description
3	personalDetails	See element	1..1 (Mandatory)	The sex and date of birth of the individual.
4	individualNameRecord	See element	1..* (Mandatory)	An element list which contains all names for this individual.
5	addressRecord	See element	1..* (Mandatory)	An element list which contains all addresses for this individual.
6	electronicCommunicationRecord	See element	1..* (Mandatory)	An element list which contains all electronic communications for this individual.
7	providerTypeRecord	See element	0..* (Conditional) Mandatory if a Provider individual record is returned	An element list which contains all provider field of practice details for this individual.
8	linkedOrganisations	LinkedOrganisation Type See complexType	0..* (Optional)	An element list which contains all links this individual has to organisations.
9	directoryServiceEntries	ProviderDirectoryIndividualEntryRecord See complexType	0..* (Optional)	An element list which contains all provider directory entires for this individual.
10	serviceMessages	See element	0..* (Optional)	An element list which contains overall messages that outline the results of processing a request. These messages may be one of the following: • Informational • Error Messages are returned in order of severity; with 'Error' being the most severe and 'Informational' the least severe.

6.2 Example Response – Read Provider Individual details

<prov-prpai:readProviderAdministrativeIndividualResponse xmlns:prov-prpai="http://ns.electronichealth.net.au/hi/svc/ProviderReadProviderAdministrativeIndividual/3.2.0">
      <ns13:readProviderAdministrativeIndividualResult
xmlns:ns13="http://ns.electronichealth.net.au/hi/xsd/providermessages/ReadIndividual/3.2.0">

<ns13:qualifiedIdentifier>http://ns.electronichealth.net.au/id/hi/hpii/1.0/8003612500002300</ns13:qualifiedIdentifier>
        <ns13:status>A</ns13:status>
        <ns10:personalDetails xmlns:ns10="http://ns.electronichealth.net.au/hi/xsd/providercore/PersonalDetails/3.2.0">
          <ns2:sex
xmlns:ns2="http://ns.electronichealth.net.au/hi/xsd/common/CommonCoreElements/3.0">M</ns2:sex>
          <ns10:dateOfBirth>

```
            <ns4:date xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">1965-05-
05</ns4:date>
            <ns4:accuracyIndicator
xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">AAA</ns4:accuracyIndicator>
          </ns10:dateOfBirth>
        </ns10:personalDetails>
        <ns8:individualNameRecord
xmlns:ns8="http://ns.electronichealth.net.au/hi/xsd/providercore/IndividualName/3.2.0">
          <ns7:givenName
xmlns:ns7="http://ns.electronichealth.net.au/hi/xsd/common/IndividualNameCore/3.0">John</ns7:givenName>
          <ns7:familyName
xmlns:ns7="http://ns.electronichealth.net.au/hi/xsd/common/IndividualNameCore/3.0">Testington</ns7:familyName>
          <ns8:nameUsage>
            <ns7:usage
xmlns:ns7="http://ns.electronichealth.net.au/hi/xsd/common/IndividualNameCore/3.0">L</ns7:usage>
            <ns8:startDate>
              <ns4:date xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">1965-05-
05</ns4:date>
              <ns4:accuracyIndicator
xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">AAA</ns4:accuracyIndicator>
            </ns8:startDate>
          </ns8:nameUsage>
          <ns8:preferred>true</ns8:preferred>
          <ns8:externalIdentifier>1047279</ns8:externalIdentifier>
        </ns8:individualNameRecord>
        <ns3:addressRecord xmlns:ns3="http://ns.electronichealth.net.au/hi/xsd/providercore/Address/3.2.0">
          <ns3:australianAddress>
            <ns3:unstructuredAddressLine>5 Bond Street</ns3:unstructuredAddressLine>
            <suburb xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">BANANA</suburb>
            <state xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">QLD</state>
            <postcode xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">4702</postcode>
          </ns3:australianAddress>
          <ns3:addressPurpose>
            <purpose xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">B</purpose>
            <ns3:startDate>
              <ns4:date xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">1965-05-
05</ns4:date>
              <ns4:accuracyIndicator
xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">AAA</ns4:accuracyIndicator>
            </ns3:startDate>
          </ns3:addressPurpose>
          <ns3:preferred>true</ns3:preferred>
          <ns3:externalIdentifier>1047276</ns3:externalIdentifier>
        </ns3:addressRecord>
        <ns6:electronicCommunicationRecord
xmlns:ns6="http://ns.electronichealth.net.au/hi/xsd/providercore/ElectronicCommunication/3.2.0">
          <ns5:medium
xmlns:ns5="http://ns.electronichealth.net.au/hi/xsd/common/ElectronicCommunicationCore/3.0">T</ns5:medium>
          <ns5:details
xmlns:ns5="http://ns.electronichealth.net.au/hi/xsd/common/ElectronicCommunicationCore/3.0">02456789456</ns5:de
tails>
          <ns5:usage
xmlns:ns5="http://ns.electronichealth.net.au/hi/xsd/common/ElectronicCommunicationCore/3.0">A</ns5:usage>
          <ns6:preferred>true</ns6:preferred>
          <ns6:externalIdentifier>1047278</ns6:externalIdentifier>
        </ns6:electronicCommunicationRecord>
        <ns12:providerTypeRecord
xmlns:ns12="http://ns.electronichealth.net.au/hi/xsd/providercore/ProviderType/3.2.0">
          <ns12:providerTypeCode>2532</ns12:providerTypeCode>
          <ns12:startDate>
            <ns4:date xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">1965-05-
05</ns4:date>
            <ns4:accuracyIndicator
xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">AAA</ns4:accuracyIndicator>
          </ns12:startDate>
          <ns12:providerSpecialty>253211</ns12:providerSpecialty>
          <ns12:externalIdentifier>1047282</ns12:externalIdentifier>
        </ns12:providerTypeRecord>
```

```
            <ns13:linkedOrganisations>
            <ns9:hpioNumber
xmlns:ns9="http://ns.electronichealth.net.au/hi/xsd/providercore/LinkedType/3.2.0">http://ns.electronichealth.net.au/id/hi
/hpio/1.0/8003622500000634</ns9:hpioNumber>
            <ns9:name xmlns:ns9="http://ns.electronichealth.net.au/hi/xsd/providercore/LinkedType/3.2.0">Bowen Other
Social Assistance Service</ns9:name>
            <ns3:address xmlns:ns3="http://ns.electronichealth.net.au/hi/xsd/providercore/Address/3.2.0">
              <ns3:internationalAddress>
                <internationalAddressLine xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">187
rly new colony</internationalAddressLine>
                <internationalStateProvince
xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">AP</internationalStateProvince>
                <internationalPostcode
xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">560016</internationalPostcode>
                <country xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">7103</country>
              </ns3:internationalAddress>
              <ns3:addressPurpose>
                <purpose xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">B</purpose>
                <ns3:startDate>
                  <ns4:date xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">1963-03-
03</ns4:date>
                  <ns4:accuracyIndicator
xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">AAA</ns4:accuracyIndicator>
                </ns3:startDate>
              </ns3:addressPurpose>
              <ns3:preferred>true</ns3:preferred>
            </ns3:address>
          </ns13:linkedOrganisations>
        </ns13:readProviderAdministrativeIndividualResult>
</prov-prpai:readProviderAdministrativeIndividualResponse>
```

6.3 Example Response – Read Administrative Individual details

```
<prov-prpai:readProviderAdministrativeIndividualResponse xmlns:prov-
prpai="http://ns.electronichealth.net.au/hi/svc/ProviderReadProviderAdministrativeIndividual/3.2.0">
      <ns13:readProviderAdministrativeIndividualResult
xmlns:ns13="http://ns.electronichealth.net.au/hi/xsd/providermessages/ReadIndividual/3.2.0">
        <ns13:qualifiedIdentifier>http://ns.electronichealth.net.au/id/hi/omo/1.0/2500000742</ns13:qualifiedIdentifier>
        <ns13:status>A</ns13:status>
        <ns10:personalDetails xmlns:ns10="http://ns.electronichealth.net.au/hi/xsd/providercore/PersonalDetails/3.2.0">
          <ns2:sex
xmlns:ns2="http://ns.electronichealth.net.au/hi/xsd/common/CommonCoreElements/3.0">M</ns2:sex>
          <ns10:dateOfBirth>
            <ns4:date xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">1975-10-
21</ns4:date>
            <ns4:accuracyIndicator
xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">AAA</ns4:accuracyIndicator>
          </ns10:dateOfBirth>
        </ns10:personalDetails>
        <ns8:individualNameRecord
xmlns:ns8="http://ns.electronichealth.net.au/hi/xsd/providercore/IndividualName/3.2.0">
          <ns7:givenName
xmlns:ns7="http://ns.electronichealth.net.au/hi/xsd/common/IndividualNameCore/3.0">Amelia</ns7:givenName>
          <ns7:familyName
xmlns:ns7="http://ns.electronichealth.net.au/hi/xsd/common/IndividualNameCore/3.0">Paxton</ns7:familyName>
          <ns8:nameUsage>
            <ns7:usage
xmlns:ns7="http://ns.electronichealth.net.au/hi/xsd/common/IndividualNameCore/3.0">L</ns7:usage>
            <ns8:startDate>
              <ns4:date xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">2010-05-
21</ns4:date>
              <ns4:accuracyIndicator
xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">AAA</ns4:accuracyIndicator>
```

```
            </ns8:startDate>
          </ns8:nameUsage>
          <ns8:preferred>true</ns8:preferred>
          <ns8:externalIdentifier>1023263</ns8:externalIdentifier>
        </ns8:individualNameRecord>
        <ns3:addressRecord xmlns:ns3="http://ns.electronichealth.net.au/hi/xsd/providercore/Address/3.2.0">
          <ns3:australianAddress>
            <ns3:unstructuredAddressLine>356 Bogus Street</ns3:unstructuredAddressLine>
            <suburb xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">GREENWAY</suburb>
            <state xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">ACT</state>
            <postcode xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">2900</postcode>
          </ns3:australianAddress>
          <ns3:addressPurpose>
            <purpose xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">B</purpose>
            <ns3:startDate>
              <ns4:date xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">2010-11-
11</ns4:date>
              <ns4:accuracyIndicator
xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">AAA</ns4:accuracyIndicator>
            </ns3:startDate>
          </ns3:addressPurpose>
          <ns3:preferred>true</ns3:preferred>
          <ns3:externalIdentifier>1023259</ns3:externalIdentifier>
        </ns3:addressRecord>
        <ns6:electronicCommunicationRecord
xmlns:ns6="http://ns.electronichealth.net.au/hi/xsd/providercore/ElectronicCommunication/3.2.0">
          <ns5:medium
xmlns:ns5="http://ns.electronichealth.net.au/hi/xsd/common/ElectronicCommunicationCore/3.0">E</ns5:medium>
          <ns5:details
xmlns:ns5="http://ns.electronichealth.net.au/hi/xsd/common/ElectronicCommunicationCore/3.0">abc@gmail.com</ns5:
details>
          <ns5:usage
xmlns:ns5="http://ns.electronichealth.net.au/hi/xsd/common/ElectronicCommunicationCore/3.0">P</ns5:usage>
          <ns6:preferred>true</ns6:preferred>
          <ns6:externalIdentifier>1023262</ns6:externalIdentifier>
        </ns6:electronicCommunicationRecord>
        <ns13:linkedOrganisations>
          <ns9:hpioNumber
xmlns:ns9="http://ns.electronichealth.net.au/hi/xsd/providercore/LinkedType/3.2.0">http://ns.electronichealth.net.au/id/hi
/hpio/1.0/8003624166667177</ns9:hpioNumber>
          <ns9:name xmlns:ns9="http://ns.electronichealth.net.au/hi/xsd/providercore/LinkedType/3.2.0">Fitzroy
Health</ns9:name>
          <ns3:address xmlns:ns3="http://ns.electronichealth.net.au/hi/xsd/providercore/Address/3.2.0">
            <ns3:australianAddress>
              <streetName
xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">gordon</streetName>
              <streetType
xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">PARK</streetType>
              <suburb xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">KEDRON</suburb>
              <state xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">QLD</state>
              <postcode xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">4031</postcode>
            </ns3:australianAddress>
            <ns3:addressPurpose>
              <purpose xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">B</purpose>
              <purpose xmlns="http://ns.electronichealth.net.au/hi/xsd/common/AddressCore/3.0">M</purpose>
              <ns3:startDate>
                <ns4:date xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">2010-05-
21</ns4:date>
                <ns4:accuracyIndicator
xmlns:ns4="http://ns.electronichealth.net.au/hi/xsd/providercore/Elements/3.2.0">AAA</ns4:accuracyIndicator>
              </ns3:startDate>
            </ns3:addressPurpose>
            <ns3:preferred>true</ns3:preferred>
          </ns3:address>
        </ns13:linkedOrganisations>
      </ns13:readProviderAdministrativeIndividualResult>
</prov-prpai:readProviderAdministrativeIndividualResponse>
```

7 Functional Validations

Element Name	Validation Condition	Message Code	Message Type
Element: \<readProviderAdministrativeIndividual\>			
general	A read is performed on a record which the requestor does not have authority to access.	WSE0162	ERROR
	Attempted access to this service from a role which does not have authorisation	ESBERR	ERROR
qualifiedIdentifier	The element is provided but contains an invalid or missing qualifiedIdentifier value	WSE9017	ERROR
	The element has not been provided	ESBERR	ERROR
	The element is provided and is found to be associated with a record that has been resolved to a duplicate	WSE0134	ERROR
	The element is provided and is found to be associated with a record that is no longer active (Only applicable to the HPI-I role)	WSE9014	ERROR

8 Cross-element Validations

None.

9 Information, Warning and Error Messages

This section defines the messages that may be returned by this service along with any response.

Message Number	Message Text
WSE0134	This \<Organisation/individual type\> record is a duplicate \<Organisation/individual type\> record that has been resolved to \<Organisation/individual type\> number \<Organisation/individual Number\>.
WSE0162	You are unable to perform this function as you do not have the appropriate authorisation.
WSE9014	The requested operation could not be performed because the record with identifier {0} is no longer active for use.
WSE9017	The identifier number {0} is invalid.
ESBERR	\<Badly Formed Message Error\>.
ESBERR	Attempted access to this service from a role which does not have authorisation

10 Definitions, Acronyms and Abbreviations

The following table provides a list of all terms, acronyms and abbreviations required to properly interpret the System Interface Specifications:

Acronym	Description
B2B	Business to Business
HI	Healthcare Identifiers
HPD	Healthcare Provider Directory
OMO	Organisation Maintenance Officer
RO	Responsible Officer
HPI-I	Healthcare Provider Identifier – Individual
HPI-O	Healthcare Provider Identifier – Organisation
IHI	Individual Healthcare Identifier
CSO	Customer Service Officer
PKI	Public Key Infrastructure
SIS	System Interface Specification
SOAP	Simple Object Access Protocol
WSDL	Web Services Description Language
XML	Extensible Mark-up Language
XSD	XML Schema Definition