

access-service-fromServiceInstance

The **"access-service-fromServiceInstance"** query allows a client to provide A&AI a global-customer-id a service-type for a service-subscription, and a service-instance-id to retrieve service-subscription, customer, forwarding-path, configuration, evc, forwarder, forwarder-evc, p-interface, pnf, lag-interface, and logical-link of link-type LAG.

Input	Output	Users	Release(s)
global-customer-id	service-subscription		Beijing
service-subscription	customer		
service-instance-id	forwarding-path		
	configuration		
	evc		
	forwarder		
	forwarder-evc		
	p-interface		
	pnf		
	lag-interface		
	logical-link (of link-type LAG)		

Details

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Example payload

```
{
  "start" : ["/business/customers/customer/{global-customer-id}/service-subscriptions/service-subscription/
{service-type}/service-instances/service-instance/{service-instance-id}"],
  "query" : "query/access-service-fromServiceInstance"
}
```

The Traversal

Only objects at the end of a line will be returned.

```
service-instance
service-instance > service-subscription
                  service-subscription > customer
service-instance > forwarding-path
                  forwarding-path > configuration
                                configuration > evc
                  forwarding-path > forwarder
                                forwarder > configuration
                                configuration > forwarder-evc
                  forwarder > p-interface
                                p-interface > pnf
                  forwarder > lag-interface
                                lag-interface > pnf
                                lag-interface > logical-link (of link-type = LAG)
```

Example Output

```
{"results": [
```

```

{
  "id": "163844152",
  "node-type": "service-instance",
  "url": "/aai/v16/business/customers/customer/customer-AAI-10391/service-subscriptions/service-subscription
/EXAMPLE_SERVICE_SUBSCRIPTION/service-instances/service-instance/SI-AAI-10391",
  "properties": {
    "service-instance-id": "SI-AAI-10391",
    "service-instance-name": "ServiceInstancevm230w",
    "service-type": "EXAMPLE_SERVICE_SUBSCRIPTION",
    "resource-version": "1513355016478",
    "orchestration-status": "Active "
  },
  "related-to": [
    {
      "id": "204808384",
      "relationship-label": "org.onap.relationships.inventory.AppliesTo",
      "node-type": "forwarding-path",
      "url": "/aai/v16/network/forwarding-paths/forwarding-path/FP-AAI-10391"
    },
    {
      "id": "286724168",
      "relationship-label": "org.onap.relationships.inventory.AppliesTo",
      "node-type": "forwarding-path",
      "url": "/aai/v16/network/forwarding-paths/forwarding-path/FP2-AAI-10391"
    },
    {
      "id": "204804128",
      "relationship-label": "org.onap.relationships.inventory.BelongsTo",
      "node-type": "service-subscription",
      "url": "/aai/v16/business/customers/customer/customer-AAI-10391/service-subscriptions/service-
subscription/EXAMPLE_SERVICE_SUBSCRIPTION"
    }
  ]
},
{
  "id": "204804128",
  "node-type": "service-subscription",
  "url": "/aai/v16/business/customers/customer/customer-AAI-10391/service-subscriptions/service-subscription
/EXAMPLE_SERVICE_SUBSCRIPTION",
  "properties": {
    "service-type": "EXAMPLE_SERVICE_SUBSCRIPTION",
    "resource-version": "1513355015801"
  },
  "related-to": [
    {
      "id": "163844152",
      "relationship-label": "org.onap.relationships.inventory.BelongsTo",
      "node-type": "service-instance",
      "url": "/aai/v16/business/customers/customer/customer-AAI-10391/service-subscriptions/service-
subscription/EXAMPLE_SERVICE_SUBSCRIPTION/service-instances/service-instance/SI-AAI-10391"
    },
    {
      "id": "204804288",
      "relationship-label": "org.onap.relationships.inventory.BelongsTo",
      "node-type": "customer",
      "url": "/aai/v16/business/customers/customer/customer-AAI-10391"
    }
  ]
},
{
  "id": "204804288",
  "node-type": "customer",
  "url": "/aai/v16/business/customers/customer/customer-AAI-10391",
  "properties": {
    "global-customer-id": "customer-AAI-10391",
    "subscriber-name": "subscriber-namevm230w",
    "subscriber-type": "EXAMPLE_SERVICE_SUBSCRIPTION",
    "resource-version": "1513355015115"
  },
  "related-to": [
    {
      "id": "204804128",

```

```

        "relationship-label": "org.onap.relationships.inventory.BelongsTo",
        "node-type": "service-subscription",
        "url": "/aai/v16/business/customers/customer/customer-AAI-10391/service-subscriptions/service-
subscription/EXAMPLE_SERVICE_SUBSCRIPTION"
    ]
},
{
    "id": "204808384",
    "node-type": "forwarding-path",
    "url": "/aai/v16/network/forwarding-paths/forwarding-path/FP-AAI-10391",
    "properties": {
        "forwarding-path-id": "FP-AAI-10391",
        "forwarding-path-name": "FPNamevm230w",
        "resource-version": "1513355113265",
        "selflink": "link"
    },
    "related-to": [
        {
            "id": "163844152",
            "relationship-label": "org.onap.relationships.inventory.AppliesTo",
            "node-type": "service-instance",
            "url": "/aai/v16/business/customers/customer/customer-AAI-10391/service-subscriptions/service-
subscription/EXAMPLE_SERVICE_SUBSCRIPTION/service-instances/service-instance/SI-AAI-10391"
        },
        {
            "id": "163848248",
            "relationship-label": "org.onap.relationships.inventory.Uses",
            "node-type": "configuration",
            "url": "/aai/v16/network/configurations/configuration/configuration-AAI-10391-EVC"
        }
    ]
},
{
    "id": "163848248",
    "node-type": "configuration",
    "url": "/aai/v16/network/configurations/configuration/configuration-AAI-10391-EVC",
    "properties": {
        "configuration-id": "configuration-AAI-10391-EVC",
        "configuration-type": "forwarding-path",
        "configuration-sub-type": "evc",
        "resource-version": "1513355298657"
    },
    "related-to": [
        {
            "id": "204812480",
            "relationship-label": "org.onap.relationships.inventory.BelongsTo",
            "node-type": "evc",
            "url": "/aai/v16/network/configurations/configuration/configuration-AAI-10391-EVC/evcs/evc/EVC-AAI-
10391"
        },
        {
            "id": "204808384",
            "relationship-label": "org.onap.relationships.inventory.Uses",
            "node-type": "forwarding-path",
            "url": "/aai/v16/network/forwarding-paths/forwarding-path/FP-AAI-10391"
        }
    ]
},
{
    "id": "204812480",
    "node-type": "evc",
    "url": "/aai/v16/network/configurations/configuration/configuration-AAI-10391-EVC/evcs/evc/EVC-AAI-10391",
    "properties": {
        "evc-id": "EVC-AAI-10391",
        "resource-version": "1513355397127"
    },
    "related-to": [
        {
            "id": "163848248",
            "relationship-label": "org.onap.relationships.inventory.BelongsTo",
            "node-type": "configuration",
            "url": "/aai/v16/network/configurations/configuration/configuration-AAI-10391-EVC"
        }
    ]
}

```

```

    ]]
  },
  {
    "id": "286724168",
    "node-type": "forwarding-path",
    "url": "/aai/v16/network/forwarding-paths/forwarding-path/FP2-AAI-10391",
    "properties": {
      "forwarding-path-id": "FP2-AAI-10391",
      "forwarding-path-name": "FPName2vm230w",
      "resource-version": "1513355211804",
      "selflink": "link"
    },
    "related-to": [
      {
        "id": "163852344",
        "relationship-label": "org.onap.relationships.inventory.BelongsTo",
        "node-type": "forwarder",
        "url": "/aai/v16/network/forwarding-paths/forwarding-path/FP2-AAI-10391/forwarders/forwarder/112211"
      },
      {
        "id": "163844152",
        "relationship-label": "org.onap.relationships.inventory.AppliesTo",
        "node-type": "service-instance",
        "url": "/aai/v16/business/customers/customer/customer-AAI-10391/service-subscriptions/service-subscription/EXAMPLE_SERVICE_SUBSCRIPTION/service-instances/service-instance/SI-AAI-10391"
      }
    ]
  },
  {
    "id": "163852344",
    "node-type": "forwarder",
    "url": "/aai/v16/network/forwarding-paths/forwarding-path/FP2-AAI-10391/forwarders/forwarder/112211",
    "properties": {
      "sequence": 112211,
      "resource-version": "1513355538933"
    },
    "related-to": [
      {
        "id": "286724168",
        "relationship-label": "org.onap.relationships.inventory.BelongsTo",
        "node-type": "forwarding-path",
        "url": "/aai/v16/network/forwarding-paths/forwarding-path/FP2-AAI-10391"
      },
      {
        "id": "122884312",
        "relationship-label": "org.onap.relationships.inventory.Uses",
        "node-type": "configuration",
        "url": "/aai/v16/network/configurations/configuration/configuration1-10391-forwarderEVC"
      }
    ]
  },
  {
    "id": "122884312",
    "node-type": "configuration",
    "url": "/aai/v16/network/configurations/configuration/configuration1-10391-forwarderEVC",
    "properties": {
      "configuration-id": "configuration1-10391-forwarderEVC",
      "configuration-type": "forwarder",
      "configuration-sub-type": "forwarder",
      "resource-version": "1513355629713"
    },
    "related-to": [
      {
        "id": "163852344",
        "relationship-label": "org.onap.relationships.inventory.Uses",
        "node-type": "forwarder",
        "url": "/aai/v16/network/forwarding-paths/forwarding-path/FP2-AAI-10391/forwarders/forwarder/112211"
      }
    ]
  }
}
]]

```

