

Adding Operator-Name

Cisco ISE doesn't insert O-N into the Request by default. O-N helps Home sites identify where their users' authentications are coming from. Combined with Chargeable User Identity, Home and Visited sites can provide and follow an audit trail back to a user without the Visited site knowing the users' details.

Adding the Operator-Name attribute

- Go to **Policy** → **Policy Elements** → **Dictionaries**.
- Open up the **System** dropdown.
- Open up the **Radius** dropdown.
- Click on **IETF**.
- Click on **unknown-126** and enter
 - **Attribute Name** as 'Operator-Name'
 - **Data Type** as STRING
 - **Direction** as IN
- Click **Save**

The screenshot shows the Cisco ISE web interface. The top navigation bar includes links for Home, Context Visibility, Operations, Policy, Administration, and Work Centers. The main menu on the left shows Policy Sets, Policy Elements, and Dictionaries, with Dictionaries being the active tab. The breadcrumb navigation on the right indicates the path: Dictionaries > ... > IETF > Operator-Name. The main content area displays a form for defining a dictionary attribute. The 'Dictionary Attributes' section contains the following fields:

- * Attribute Name: Operator-Name
- Description: undefined_attribute_126
- * Data Type: STRING
- * Direction: IN
- * ID: 126 (0-255)
- Allow Tagging:
- Allow multiple instances of this attribute in a profile:

 At the bottom of the form are 'Save' and 'Reset' buttons. On the left, a sidebar lists various attribute types: NT-Password-Hash, Operator-Name (which is selected and highlighted in blue), Password-Retry, Port-Limit, Proxy-State, Reply-Message, Route-IPv6-Information, Service-Type, Session-Timeout, State, Stateful-IPv6-Address-Pool, and Termination-Action.

Modify the Request packet

- Go to **Administration** → **Network Resources** → **RADIUS Server Sequences**.
- Click on which-ever server sequence relates to the Jisc NRPS.
- Click on **Advanced Attribute Settings**
- Enable **Modify Attribute in the request**
- Choose **Add - Radius:Operator-Name - 1realm** (where *realm* is your primary realm e.g. 1holby.local)
- Click **Save**

Identity Services Engine Home ▶ Context Visibility ▶ Operations ▶ Policy ▶ Administration ▶ Work C

▶ System ▶ Identity Management ▶ Network Resources ▶ Device Portal Management pxGrid Services

▶ Network Devices Network Device Groups Network Device Profiles External RADIUS Servers RADIUS Server Sequences

RADIUS Server Sequences List > NRPS

RADIUS Server Sequence

General Advanced Attribute Settings

▼ Advanced Settings

Strip start of subject name up to the first occurrence of the separator \

Strip end of subject name from the last occurrence of the separator @

▼ Modify Attribute in the request

Modify attributes in the request to the External RADIUS Server

Add Radius:Operator-Name = 1ise.local - +

▼ Continue to Authorization Policy

From:
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Last update: **2022/09/07 09:44**