

Setting Operator-Name in Clearpass

The Operator-Name attribute is used to identify the Visited Site to the Home Site. i.e. when a user joins at a Visited Site the name of the site is passed through in a RADIUS Request to the Home Site. The Home Site might use this information to generate statistics on where its users are visiting or to report problems with the Visited Site.

Setting the Operator-Name in Clearpass is impossible if your configuration uses a **RADIUS Proxy** Service to proxy unknown requests to the Jisc NRPS but easy if you use the \\RADIUS Enforcement (Generic)

Service with the NRPS as Authentication Sources.

Below the configuration assumes the use a \\RADIUS Enforcement (Generic) Service because that's the only way that Clearpass will allow attributes to be added to the Access Request.

Authentication Source

The assumption is that there is a Service which has Jisc's NRPS as the authentication sources:

Configuration » Services » Add

Services

Service	Authentication	Roles	Enforcement	Summary
Authentication Methods:				
		Move Up ↑ Move Down ↓ Remove View Details Modify		
		--Select to Add--		
Authentication Sources:				
NRPS [RADIUS/RadSec Server]		Move Up ↑ Move Down ↓ Remove View Details Modify		
		--Select to Add--		
Strip Username Rules: ☐ Enable to specify a comma-separated list of rules to strip username p				
Service Certificate: --Select to Add--				

Then the Source (or Sources) need to be configured to add the Operator-Name Attribute:

Configuration > Authentication > Sources > Add - NRPS

Authentication Sources - NRPS

SummaryGeneralPrimaryAttributesBackup 1Backup 2Backup 3

Port:1812

Secret:*****

Backup 2:

Server Name:roaming2.govroam.uk

Protocol:RADIUS

Port:1812

Secret:*****

Backup 3:

Server Name:roaming3.govroam.uk

Protocol:RADIUS

Port:1812

Secret:*****

Attributes:

Delete RADIUS Proxy Attributes

Type	Name	
Add RADIUS Pre Proxy Attributes		
Type	Name	Value
L: Radius:IEFF	Operator-Name	=
		Iscafrisk.gov.uk
RADIUS Post Proxy Attributes		
Type	Name	Enabled as Role

Back to Authentication Sources

Clear CacheCopySaveCancel

with the identifier for your site. Please use your realm, the primary if you have more than one. The format is 1<realm>. The '1' just means that there's a string to follow. So, if your realm is holby,nhs,uk then your Operator-Name value would be 1holby.nhs.uk

From:
<https://wiki.govroam.uk/> - Govroam

Permanent link:
https://wiki.govroam.uk/doku.php?id=siteadmin:clearpass_-_setting_o-n&rev=1786455112

Last update: 2026/08/11 13:31



https://wiki.govroam.uk/

Printed on 2026/08/16 12:29