System	Cost	Platform	Pros	Cons	Why to choose
FreeRADIUS	Free	* Linux (and similar e.g. Mac OS) * Packaged with most distributions	* Integrates with a wide range of authentication backends, including AD, LDAP, Kerberos, and multiple flavours of SQL. * Supports all EAP flavours commonly used for user authentication in govroam (EAP-PEAP, EAP-TLS, EAP-TTLS-PAP, EAP-TTLS-MSCHAPv2) * Flexible configuration language for defining complex policies. * Allows breakout into Perl or Python for exceptionally complex policies. Or integration with more escoteric data sources. * Extensible via plugin modules. * Supports RadSec natively. * Fast and efficient - a pair of RADIUS servers is usually sufficient for govroam deployments.	* Does not yet support DNS based Dynamic Discovery for RadSec (not yet relevant to govroam for ORPS deployments) * Can be difficult to configure due to the number of options available, especially for novice system administrators	* It's extreme flexibility and high performance means that FreeRADIUS is a good fit for most govroam sites, which is why it is the most deployed RADIUS servers within the eduroam federation. * The upshot of it's popularity is that there are many technical guides already published which take some of the edge of the sharp learning curve. * JISC can provide in-house consultancy.

System	Cost	Platform	Pros	Cons	Why to choose
Microsoft NPS	Free with Windows	* Windows	* Windows GUI means no linux or scripting skills or experience needed * Works well with AD * Can be made to do the basics of the required job	* Filtering of RADIUS attributes not properly supported, but over-write workround is satisfactory * Doesn't support Status Server * Doesn't support Operator-Name injection * Doesn't support Chargeable User Identity * GUI interface limits what you can configure * Everything is policy-based, which makes configuration based on logic somewhat difficult * Logging is minimal and inflexible	* If you're primarily a Windows shop you may be comfortable with the familiar interface and feel confident in selecting a fully supported product whilst accepting NPS's limitations.

System	Cost	Platform	Pros	Cons	Why to choose
OSC RADIATOR	From ~£1,000	* Linux * Windows	* Integrates with a wide range of authentication backends, including AD, LDAP, Kerberos, and multiple flavours of SQL. * Supports all EAP flavours commonly used for user authentication in govroam (EAP-PEAP, EAP-TLS, EAP-TTLS-PAP, EAP-TTLS-MSCHAPv2). * Flexible configuration language for defining complex policies. * Supports RadSec natively. * A pair of RADIUS servers is usually sufficient for govroam deployments. * Fully supported product - a range of support options are available	* Written in PERL so when your configuration get large and complex the server will get slower.	* Its extreme flexibility means that RADIATOR is a good fit for most govroam sites. * The upshot of its popularity is that there are many technical guides already published which take some of the edge of the sharp learning curve and it is provided with a 'goodies' directory containing many recipes ready for use or to start off with. * If you need a flexible RADIUS server, and have the in house expertise to configure it, RADIATOR is a good choice * RADIATOR is written in PERL and can be run on Windows servers (with a prerequisite PERL interpreter installed) which would suit if you're primarily a Windows shop
Cisco ACS/ISE	From ~£1,000	* Appliance		* Doesn't support Status Server	* An obvious choice if site already makes heavy use of Cisco wireless.

System	Cost	Platform	Pros	Cons	Why to choose
Aruba Clearpass	From ~£4,000	* Appliance * VM			* FreeRADIUS under the bonnet with a GUI front end * An obvious choice if site already makes heavy use of Aruba wireless
radsecproxy	Free	* Linux (and similar) * Packaged with most distributions	* Very small foot print. * Simple, flat configuration. * Good performance. * Supports all the requirements for govroam (e.g. attribute filtering, Operator-Name). * Support RADSEC and non-RADSEC connections.	* Just a proxy - no ability to authenticate	* If your platform cannot do good filtering or add attributes then if you use this at the border to talk to the NRPS you can leverage these abilities. * Can be easily dropped in as a pure ORPS.
FreeRADIUS.net	Free	* Windows	* Runs on Windows * Has same features as FreeRADIUS	* Very old (v 1.1.7 where FreeRADIUS is v 3.X.X) * Designed to run on Windows XP * Not suitable for production environment	* Not a good choice for a critical service

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