

## eduroam Operational Service Development Group

### Group:

This is a project group originally formed to evaluate alternative OS and hardware platform for eduroam NRPS. The reason for the test was to further the investigation into why the Radiator - Solaris - Virtual NRPS that was at the time deployed for all three NRPS, is susceptible to runaway traffic overload which is thought to be exacerbated by long RADIUS packet handling times. The measure is the eduroam.OT authentication monitor probe, which currently returns average response time of 2 seconds. Runaway performance degradation occurs when the measured response time exceeds 10 seconds.

[http://monitor.eduroam.org/eduroam/mon\\_server.php](http://monitor.eduroam.org/eduroam/mon_server.php) [1]

The scope of the group has now expanded to include additional service development projects. This now includes an evaluation of an alternative VM platform for the current NRPS and development of a managed eduroam network conformance and performance monitoring probe system.

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[1] [http://monitor.eduroam.org/eduroam/mon\\_server.php](http://monitor.eduroam.org/eduroam/mon_server.php)

[2] <https://community.ja.net/groups/eduroam-nrps-and-service-development-group/document/eduroamuk->

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[8] <https://community.ja.net/groups/eduroam-operational-service-development-group/document/eduroam-sp-assurance-tool-monitoring>

[9] <https://community.jisc.ac.uk/groups/eduroam-nrps-and-service-development-group/document/vm-platform-evaluation-replacement>

[10] <http://community.ja.net/groups/eduroam-nrps-and-service-development-group/document/swap-over-dell-hardware-replace-solaris>

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