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 occus when the measured response time exceeds 10 seconds. 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 incudes an evaluation of an alternative VM platform for the current NRPS and development of a managed eduroam network conformance and performance monitoring probe system.

Contents

eduroam(UK) Service Development Plan 2014-15 [2]

Support Server Rebuild 2015 [3]

Status-Server on NRPS [4]

RadSec on NRPS [5]

Disaster Recovery Solution for Support Server and NRPS [6]

eduroam Service Provider Assurance Tool [7]

eduroam SP Assurance Tool - Monitoring Units Distribution [8]

Evaluation of Replacement VM Platform for Solaris VM-based Roaming0 [9]

Swap over to (Dell) hardware and RedHat platform for Roaming1 to replace Solaris VM system [10]

Default group content privacy:
Log in to request membership [11]

Source URL: https://community-stg.jisc.ac.uk/groups/eduroam-operational-service-development-group?page=0

Links
[1] http://monitor.eduroam.org/eduroam/mon_server.php
[2] https://community.ja.net/groups/eduroam-nrps-and-service-development-group/document/eduroamuk-

service-delivery-and

[3] https://community.ja.net/groups/eduroam-operational-service-development-group/document/support-server-rebuild-2015

[4] https://community.ja.net/groups/eduroam-operational-service-development-group/document/status-server-implementation-nrps

[5] https://community.ja.net/groups/eduroam-nrps-and-service-development-group/document/radsec-nrps

[6] http://community.ja.net/groups/eduroam-nrps-and-service-development-group/document/disaster-recovery-backup-solution-support

[7] https://community.ja.net/groups/eduroam-nrps-and-service-development-group/document/eduroam-service-quality-monitor-probe

[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

[11] https://community-stg.jisc.ac.uk/