

Eduroam Trinidad and Tobago

Compliance Statement(TT)

The eduroam trust model

eduroam is a federation of related organisations. In order to work successfully, it depends on an implicit tripartite trust relationship between an IdP (Identity Provider), an SP (Service Provider), and the NROs (National Roaming Operator).

The IdP advertises the eduroam service to its users, and trusts that the SP will provide the service in a manner consistent with expectations, recognising that its users will sometimes rely on eduroam services to the exclusion of making other arrangements. IdPs further trust that SPs will secure their users' credentials and respect the confidentiality of their users' communications.

SPs trust that the user identities asserted by an IdP are *bona fide* members of their organisation in good standing, and that an IdP has a contractual hold over those users in the form of an acceptable use policy or equivalent. SPs trust that IdPs will take action in terms of their organisational policies should abuse be reported. Some SPs have legal or governance obligations to retain information about the people they provide service to, and trust that IdPs will do so on their behalf in exchange for reducing the complexity of gaining access.

Both IdPs and SPs trust ROs (and RCs – Roaming confederations)) to both provide the necessary infrastructure and oversight, and to respect the privacy of their respective users and their communications.

1. Terminology

1.1. eduroam

eduroam is a federated roaming service that provides secure network access by authenticating users with their own credentials issued by their IdP.

1.2. eduroam Identity Provider (eduroam IdP)

An entity that is responsible for user credentials and operation of an authentication server for eduroam access for these users. IdPs are in some regions also known as 'Home Institutions'.

1.3. eduroam Service Provider (eduroam SP)



An entity that operates an access network on which eduroam users are admitted to access Internet services once they are successfully authenticated by their IdP. SPs are in some regions also known as 'Visited Institutions'.

1.4. Roaming Operator (RO)

The entity that operates the eduroam service for a country or economy and that is recognised as such by the RC to which it belongs or, in case the country or economy is part of a geographic region for which no RC is established, by the GeGC.

The RO may be a National Research and Education Network operator, ROs are sometimes referred to as the "eduroam operators".

1.5. RADIUS Proxy Server (RPS)

RPSs are established and maintained in order to provide the technical infrastructure (i.e. RADIUS server hierarchy) for the global eduroam service.

Top-level RPSs for a geographic region are run by the corresponding RC. In cases where no RC is established for a specific region, the GeGC, advised by the ROs of that region, appoints the ROs that will run the top-level RPSs for the region.

1.6. Roaming Confederation (RC)

An entity that consists of a cohesive set of ROs serving a geographical region and that is recognised as such by the GeGC. The 'European eduroam Confederation' is one example.

2. Responsibilities of the National Roaming Operator (NRO) (This applies to the NRO (TTRENT))

2.1 The NRO is responsible for ensuring compliance with the [eduroam Compliance Statement](#) as published by the GeGC.

2.2 The NRO provides and maintains the RADIUS proxy servers and other technical infrastructure required to connect Trinidad and Tobago to the global eduroam service.

2.3 The NRO maintains a web site at <http://www.eduroam.tt/> that provides information about eduroam services in Trinidad and Tobago, including details of the IdPs and SPs.

2.4 The NRO is responsible for coordinating communication between participating organisations and maintains one or more mailing lists for this purpose.

2.5 The NRO monitors the eduroam service and provides operational information on its web site.

2.6 The NRO is not responsible for any impact as a result of a loss or disruption of service. The NRO may elect to outsource the provision and/or operation of some or the entire technical infrastructure to another

party of its choosing. Any reference to the NRO in this document should be taken to include both the NRO and/or its appointed agents as appropriate.

3. Responsibilities of an eduroam Identity Provider (IdP; Home Organisation)

3.1 There is an expectation of reciprocity (IdPs should act as SPs) where feasible and as far as is possible.

3.2 IdPs may assert the identity of any user who is both directly affiliated with their organisation and would normally be eligible to benefit from services. Internal policy within an organisation may further limit the scope of eligibility.

3.3 Should a user cease to be affiliated with an IdP, the IdP should cease asserting their identity as soon as practically possible.

3.4 IdPs should ensure that any user whose identity they assert is bound by their organisational acceptable use policies. Such policies should allow for sanction in case of abuse irrespective of a user's geographic location at the time of the breach.

3.5 IdPs accept responsibility for those users whose identities they assert and should take appropriate action in accordance with their organisational acceptable use policies where incidents of abuse are reported by visited organisations.

3.6 IdPs should make any user who might make use of eduroam services aware of the existence of the eduroam Trinidad and Tobago User responsibilities document (for example by publishing a link to it from their web page describing eduroam services).

3.7 IdPs are expected to act as first-line support for their own users; IdPs should publish up-to-date contact details for their help desk (or equivalent support structure) in the appropriate place on the RO's web site.

3.8 IdPs should meet or exceed the agreed technical specifications.

3.9 IdPs should maintain an identity log and retain records for at least a six month period.

3.10 Every IdP should nominate two or more technical contacts (people responsible for maintaining their RADIUS service), and provide up-to-date details of such to the RO. At least one contact should be subscribed to the relevant mailing list maintained by the RO.

3.11 There is an expectation that IdPs will cooperate with the RO.

4. Responsibilities of an eduroam Service Provider (SP; Visited Organisation)

4.1 There is no expectation of reciprocity (SPs need not act as IdPs).

4.2 SPs should meet or exceed the technical specifications as required.

4.3 SPs should maintain an identity log and retain records for at least a six month period. .

4.4 SPs are expected to provide eduroam services free-of-charge to all eligible users, irrespective of Home Organisation. For the avoidance of doubt, where an SP also acts as an IdP their users are not considered eduroam users when using services provided by their home organisation.

4.5 SPs should assist IdPs in supporting their users when required, though the IdP should take primary responsibility.

4.6 SPs are encouraged to provide unfiltered and unrestricted Internet access. However, at a minimum they should provide the ability to browse the web, send & receive email.

4.7 Should an SP filter (firewall), restrict (shape, limit bandwidth, etc.) or monitor (log, intercept, etc.) Internet access, it should fully disclose its local policies on a dedicated web page. A link to such information should be provided in the appropriate place on the RO's web site.

4.8 Restrictions should only be imposed for sound technical or legal reasons, and should be reviewed at least once a year.

4.9 Should an SP wish to impose an acceptable use policy or other terms and conditions on visiting users it should publish the policy on its web site and provide a link in the appropriate place on the RO's web site.

4.10 Every SP should nominate two or more technical contacts (people responsible for maintaining their network service), and provide up-to-date details of such to the RO. At least one contact should be subscribed to the relevant mailing list maintained by the RO.

4.11 There is an expectation SPs will cooperate with the RO.

5. Responsibilities of Users

All IdP's, SP's and users of eduroam services in Trinidad and Tobago are expected to be aware of and support the NRO in meeting the requirements of the Compliance Statement.

I have read this document and the Eduroam Compliance Statement and agree to support the NRO in fulfilling the requirements of the Compliance Statement in my role as member.

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|---|-----------------|
| On Behalf of Institution: (Name of Institution) _____ | Signature _____ |
| _____ | Signature _____ |
| On Behalf of NRO | |
| _____ | Signature _____ |
| Date: _____ | |
| Date _____ | |