eduroam Roadmap
Operations and Development

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eduroam Roadmap – Complete Timeline Overview

- [ops] eduroam db ver 2.0: 2019-01 – 2020-02
- [ops] eduroam audit: 2019-04 – 2020-11
- [ops] eduroam documentation: 2019-01 - 2020-12
- [dev] eduroam Managed SP: 2019-01 – 2021-06
- [dev] eduPKI certificate provisioning redesign: 2019-06 - 2020-06
- [dev] Additional building blocks for end-user diagnostics: 2019-06 – 2020-10
- [dev] radsecproxy SW development: 2019-01 – 2020-12
### eduroam Operations and Deployment Roadmap

#### eduroam Database v2.0

<table>
<thead>
<tr>
<th>2019</th>
<th>2020</th>
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<td>Q1</td>
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<td>Q2</td>
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<td>Q3</td>
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<td>Q4</td>
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- **2019**
  - **Q1**: Migration to the eduroam db v2.0
  - **Q2**: Align eduroam db access tools with eduroam db v2.0

- **2020**
  - **Q1**: Tools prepared
  - **Q2**: New features deployed to the monitor site

#### eduroam Audit

- **Draft the audit procedure and prepare the accompanying tools**
- **Pilot with European NRENs**
- **Summarize pilot results and conclude the final procedure with SG and GeGC**
- **Perform first NRO audit (repeats annually)**

#### eduroam Policy Update

- **Collect the proposals for the new Policy from stakeholders**
- **Prepare draft of the new Policy**
- **Consultation period with the SG, finalize the Policy update**
- **Signing of the new Policy by the European eduroam members**

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**Continuous Operations, Support and Deployment of Enhancements**
eduroam Operations and Deployment Roadmap

Work Item: eduroam db - Timeline

• 2019-01 : ongoing migration to eduroam db ver.2.0
• 2019-11 : end migration to eduroam db ver.2.0
• 2019-12 : eduroam db access tools import/export data aligned only with v2.0 format
• 2020-02 : released new features on monitor.eduroam.org
  (based on newly added data in eduroam db ver.2.0 format)
eduroam Operations and Deployment Roadmap
Work Item: eduroam Audit - Timeline

• 2019-04: work started
• 2019-08: draft procedure and accompanying tools ready
• 2019-10: NRO pilot audit (on European NROs) started
• 2019-12: NRO pilot audit ends
• 2020-06: audit docs and pilot results discussed with SG and GeGC final version accepted
• 2020-09: first official NRO audit started (to be repeated annually)
• 2020-11: first official NRO audit ended (results published)
eduroam Operations and Deployment Roadmap
Work Item: eduroam Documentation - Timeline

• 2019-01 : start collecting proposals for (European) Policy change
• 2019-06 : draft proposal for new wiki.eduroam.org
• 2019-12 : first draft of the new (European) Policy
• 2019-12 : new wiki structure and content available
• 2019-06 : new (European) Policy accepted by the SG, ready for signing
• 2020-12 : end of signing new (European) Policy process
# eduroam Development Roadmap

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<th>2019</th>
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<th>2021</th>
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<td>Q1</td>
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<tr>
<td><strong>eduroam Managed SP</strong></td>
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<tr>
<td>Technical development work</td>
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<td>Implement the service prototype</td>
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<td>Prepare for the PLM approved pilot</td>
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<td>Run the service pilot</td>
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<td>Transition of the service for production</td>
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<td><strong>Certificate Provisioning Redesign (eduPKI)</strong></td>
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<td>Technical development and policy change</td>
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<td>Testing new system</td>
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<td>Deploy in CAT</td>
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<td><strong>End-user Diagnostics</strong></td>
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<td>Improve user communication</td>
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<td>Integrate hardware probes, F-ticks and eduroam db 2.0. Deploy in CAT</td>
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<tr>
<td>Access to F-ticks and db 2.0 available</td>
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<td>Prototype hardware probe available</td>
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<td><strong>Radsecproxy Development</strong></td>
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<td>Code Rewrite radsecproxy V1.8</td>
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<td>DNS radsecproxy V1.9</td>
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<td>Load-balancing and pooling radsecproxy V2.0</td>
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<td>Systemd integration radsecproxy V2.1</td>
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**Continuous Service Improvements**
eduroam Development Roadmap
Work Item: eduroam Managed SP - Timeline

• 2019-01 : start of technical development work
• 2019-06 : running prototype
• 2019-12 : product ready for pilot on the technical side
• 2020-06 : start of PLM-approved pilot
• 2020-12 : preparations for transition to service
• 2021-06 : system in production service  
  (coinciding with CAT software release 2.1)
eduroam Development Roadmap
Work Item: eduPKI Certificate Provisioning Redesign - Timeline

- 2019-06 : start of technical development work and policy change process
- 2019-12 : system ready for testing
- 2020-06 : functionality available in CAT 2.0.x
eduroam Development Roadmap
Work Item: Additional Building Blocks for End-user Diagnostics - Timeline

• 2019-06 : start work on improvements to user communications (actionable insights) with dataset available in eduroam DB v1
• 2019-10 : first (prototype) hardware probe available, start work on integration of probes into diagnostics framework
• 2019-11 : world-wide deadline for eduroam DB v2 upgrade
• 2019-12 : access to F-Ticks real-time feed available, eduroam DB data v2 available
• 2020-10 : hardware probes, F-Ticks, eduroam DB v2 fully integrated, code available in aCAT 2.0.x release
eduroam Development Roadmap
Work Item: radsecproxy Software Development - Timeline

- 2019-06: rewrite (radsecproxy 1.8)
- 2019-12: DNS (radsecprox 1.9)
- 2020-07: load-balancing and pooling (radsecproxy 2.0)
- 2020-12: systemd integration (radsecproxy 2.1)

details
Thank you

Any questions?

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