

eduroam User Group Meeting



Please note: Usergroup meeting is now held with the UWAG group meeting

[Best Practices Guide](#)

[eduroam Federation Manager Quick start guide](#)

[Google Drive eduroam Promotional Materials](#)

Location:

<https://uen.webex.com/uen/j.php?MTID=mc177e34a7d48d4914d92b534db297937>

Date and Time: August 15th, 2024 2:30-3:30PM MST

Agenda Items:

1. Introductions
2. What's new?
 - Version 8.6.0 of the InCommon Federation Manager has been released into production.
 - More info on this release and previous versions may be found at: <https://spaces.at.internet2.edu/display/INCSWDEV/Release+Notes>
 - Johnny Lasker
 - In a couple weeks team will do a release including requests from Support Organizations
3. Discussion: Service Centers supporting libraries, some student engagement like esports

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4. Discussion: Teachers, Admins etc: “Check your Tech” prior to travel, prior to school starting.
5. Review Firewall rules: different at each school district. Many school districts don't follow them due to their own security policies. Can we create a standard to provide a seamless experience for users?
6. Joint Eduroam and UWAG meeting: September 26th (tentative)
7. Eduroam advisory committee: [Best Practices guide](#) and how to communicate it to users
8. **Future meetings**: Marketing materials- how to prepare for travel, where is eduroam, how to use it, testimonials and simplified benefits explanation. Presentation from New Zealand Paul Gunn.

Action Items

- ☐ Amanda to send out an email to the K12 group to help create a subcommittee for firewall ports/rules,internet filtering (mid-September) Goals: open dialogue,
-Mark Houtz, Jared Hainline, Rik Stallings
- ☐

Date and Time:

9. Introductions
10. What's new?
11. Congratulations Luke on your awesome presentation!!
<https://www.youtube.com/watch?v=etomu5tdKn0>
12. REANZ Paul Gunn
<https://www.reannz.co.nz/news-and-events/public-libraries-with-apnk-now-also-offer-eduroam/>

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Date and Time: February 15th, 2023 2:20-3:30 MST

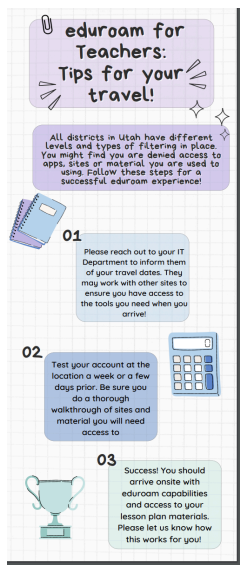
Agenda Items:

13. Introductions

14. What's new? Coordinating filtering for teachers:

<https://drive.google.com/file/d/1XRSprmiWVMbkUdpC70aPlj3WuUCyOCs8/view?usp=s>
haring

- Could all the districts collaborate on firewall outgoing ports standards for eduroam? Its been up for a while and is a tried and true network.



3. NetBeez and Raspberry PI dashboard with Curtis Larsen with University of Utah. Manages Wifi for campus, hospital and housing. Troubleshooting can turn into a complicated back and forth. NetBeez created a dashboard that can assist with identifying whether it is a device or system issue. The raspberry pie was pre-configured and sitting at a front desk, if a student had an issue with network connectivity, they could check it out and take it to the vicinity. This tests the full path for the connectivity. The more sites that participate the better! You can trade the devices with other service centers, universities or technical colleges (any institution).

- Capable of packet captures

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- Currently no charge
 - 14 currently in the group
 - Please reach out to Amanda or Curtis for more information
 - Sign up for Netbeez forum, once a pi is connected, you will then be added to the dashboard, configure profile etc.
- **How to get involved!** Image for raspberry pi and outline of steps for the setup:
<https://community.netbeez.net/t/request-to-join-and-activate-your-dashboard-account/130>
4. Eduroam2go at the Arizona Wireless Conference
5. NAEP and eduroam user accounts: <https://nces.ed.gov/nationsreportcard/>
- Username and passwords not working at sites. Maybe chromebooks were not setup correctly

Action Items:

- ☐ Amanda: NAEP checkin
- ☐ Amanda: ask service centers about NetBeez and Raspberry pi troubleshooting setup
- ☐ Email list or UWAG slack group: Could all the districts collaborate on firewall outgoing ports standards for eduroam? Its been up for a while and is a tried and true network.
- ☐

Date and Time: November 16th, 2023 2:20-3:30 MST

Agenda Items:

15. Introductions
16. What's new? NAEP employees have eduroam accounts, they will be visiting schools.
Please check settings to allow them access:

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https://drive.google.com/file/d/1pp6HQu7yFkK0UMrSCPpy-YL6goEvT2OkE/view?usp=drive_link

17.

Date and Time: November 16th, 2023 2:20-3:30 MST

Agenda Items:

18. Introductions

19. What's new?

20. Ming to discuss Geteduroam: mobile devices, staff onboarding, (Windows laptop) similar to CAT tool. Ming used various device types for testing. Domain and link to select IdP. Login with SSO, then select the various type profiles. Follow the prompts to install eduroam profiles. Certs last about 1 year. Servers can be localized in the datacenter, log checking capabilities. The service is built in a way that the support organization (UETN) could provide the Geteduroam server. This can be fully.

- may not allow individual user certs, old way,

- Geteduroam automatically generates a certificate, the interface will show/identify what user has what device

- server in Europe is not as fast at generating

- Globally- many other countries and NROs are already using this method

21. Filtering and different user credentials, teachers/staff traveling and ending up as a guest with too much filtering? How do I connect people with IT District folks well ahead of time?

- Could stem from historical method of working with iBoss, policies are most strict, then matched with group to a less strict policy. When someone comes from another district, they don't match on a policy and are seen as an unknown individual.

- District to District communications as the need arises

- User to District as the need arises (could be facilitated by PM)

- Filter slack channel has most districts- contact Wes Ferguson

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-Internet and Firewall filtering, Sophos antivirus can include application filtering.
District IT creates the app list->teacher notifies that they are visiting another during a timeframe-> District IT send notification and app list

22. Managing new accounts for users not affiliated with a school district. Some Service centers could help if the site is part of the service center.

23. How to anonymize user accounts?

24. Eduroam2go update

- ☐ Amanda to follow up with Internet2 about Geteduroam server
- ☐ Amanda to look into communications for filtering: slack channel, email and handouts
- ☐ iBoss filtering doc needs updating,
- ☐ List of Apps and resources to keep open
- ☐ Teachers need to plan when they travel for teaching engagements- communication needed here

Date and Time: August 17th, 2023 2:20-3:30 MST

Agenda Items:

25. Introductions

26. What's new?

- Barry: has had a wonderful experience with eduroam this summer while traveling. Reminder to check in with home institution first
- Bryant Reeder: 5 library sites 87k users, very popular!
- Mark Houtz: Wasatch (worked with Tom) is up and running (recently), speaking in Prague about eduroam

27. Cisco now supports WPA2/WPA3-Enterprise Transition Mode on 2.4/5 and pure WPA3 on 6ghz on the same SSID!!!

- Mark H and Luke are working on testing
- Higher ed: transition mode may not be required for most sites

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-IOS-XE 17.12.1

[https://www.linkedin.com/posts/kjetil-teigen_release-notes-for-cisco-catalyst-9800-se\[...\]
680174743552-eVQT?utm_source=share&utm_medium=member_desktop](https://www.linkedin.com/posts/kjetil-teigen_release-notes-for-cisco-catalyst-9800-se[...]
680174743552-eVQT?utm_source=share&utm_medium=member_desktop)

28. Eduroam2go updates:

- OpenWISP has automatic set up for Wireguard, (however there are issues) OpenWISP solution add a dummy interface so adding clients do not break previous ones added. OpenVPN still being explored as an option.
- Support2Go - new ticketing system, could include other groups outside of UETN/Utah
- Shawn working with Rob G and intern to follow the documentation and emulate the set up. Contribute documents, troubleshooting, verify documentation and add new ones as needed.

-Amanda Presenting at TechEx Mobility day September 18th

<https://internet2.edu/2023-internet2-technology-exchange/program/>

29. Working with Iteneris (Matt Visnovsky) potential interest in signing up small businesses as well. I have not reached out to the Salvation Army Boys and Girls club, CentraCom-very busy time of year!

30. Marketing and Promotion: working with a new awesome group within UETN focus on Users and Hotspot sites, I will be sending out materials this month

31. Incommon/Internet2 Updates: Site admin/technical contacts are not properly updated in the Incommon tools. This poses an issue for admins trying to reach other admins. Update from Sara Jeanes "No timeline as of yet. There is a workaround. Mind you, its not ideal. We publish a listing of all eduroam organizations in the US on a nightly basis. this file lists all eduroam admins by organization. If you open it in vscode.dev, you can search it for the org you are looking for and their admins. The file is json, and can be found here: <https://eduroam.us/general/institution.json>

- Not a huge issue for Utah, we work within our groups really well, I (Amanda) can help facilitate any conversations as needed

8. Jeff: Advisory EAC, ISP discussion (Nebraska, NC Rob Gorell) Provider that works with Calix, how would a service like this be rolled out in neighborhoods/residential. (Community

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service perspective) How do they work with Internet2? They understand the concept and technology. Internet2 working on Automation and programs to engage with ISPs. How do they get the word out to users?(promo items)

9. **PSA! If a school relocates/closures, please update the InCommon map**

Action Item

- ☐ Cisco release notes to Amanda to copy and send: Utah admin group email, Mark send: eduroam-admin list

Date and Time: June 14th 2023 2:20-3:30 MST

Agenda Items:

32. Introductions
33. What's new?
34. John Desha retired our old RADIUS servers and updated to the new ones, no clients were affected by the move.
35. Support Reports that could tie into ticketing for SOs: if a site is down for 3 days, loopback errors,
36. **PSA: anonymize your districts usernames!** Some clients don't provide the option? ETLs profile and certificate. "Evil twin attack".

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37. Mark Houtz and Packet Pushers Podcast about eduroam:
<https://packetpushers.net/podcast/heavy-wireless-003-designing-eduroam-for-the-future-with-mark-houtz/> listen here!
38. Grafana Log viewer, not showing site names. I have requested a Google sheet with corresponding names and IDs so everyone can have those
39. Promotional Materials are in! If you haven't received a box, I will be mailing those out soon, if you are signed up, you are on a list to receive some
40. Eduroam-admin email thread: Using SSIDs other than eduroam,
Questions from Brett Bieber: A couple of important topics which stick out in my mind on wireless deployments which might be relevant for continued discussion:
 - How do you pilot SSIDs with new/beta configurations and gather relevant/representative feedback? Are there tools or vendors that are better at assisting in this process?
 - Would it be worth proposing some common approaches, even if they're not uniformly adopted or recommended?
 - What approaches have you taken to remove support for older devices and legacy data rates?, e.g. technical changes, timing of changes with regard to academic calendar, communication plans, etc.
 - 'eduroamtest' ssid for test configurations
41. InCommon/Internet2 Updates
42. North Carolina: SO on-ramping school districts with BYOD, acceptable use policy and on prem requirements.
43. SO May Report

Date and Time: February 16th 2023 2:30-3:30 MST

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Agenda Items:

1. Introductions
2. What's new? UDOT Visitor Centers: Snowville, CoveFort, Sevier Shed, Fremont Indian Museum, Richfield visitors center, Carbon SD signed up! (Park City and Wasatch are only ones not) CentraCom has 1 office set up that they are still troubleshooting
3. Recent Testimonial: Sun Corridor's Gabriel Lopez at Birch Aquarium needed to download a ride share app and his cell reception was poor, however there was eduroam and it downloaded like a champ!
4. Report review: waiting on new promotional items, then I will send out packages, DTS leading the SP sites,
5. Survey completed: "Making the case for eduroam E-Rate eligibility" - thank you!
6. [Eduroam2go!](#) We are ready for phase 2, Pre-Production and we will be testing out devices at sites, creating a process for projects/sites. Anyone have interns they would like to get involved? They will be configuring devices, possibly picking out community locations, I will work on getting the site signed up for SP.
7. Network Nebraska schools using WyeBot to test deployments and monitor service

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wyebot

Management

Intermediate School

My SSIDs

Device Forensics

Network Tests

Advanced

Sensor Config

My SSID Configuration

Name: eduroam (ESU6)

SSID: eduroam

Security

Security Type: WPA/WPA2/WPA3 Enterprise

EAP Type: PEAP/MS-CHAPV2

User Name: wyebot@esu6.org

Password: [REDACTED]

Captive Portal: ☐

+ Advanced

Cancel Update

Name	SSID	Security	Status	Actions
☐ eduroam	eduroam	WPA2 Enterprise	✓	
☐ eduroam (ESU6)	eduroam	WPA2 Enterprise	✓	

-- Select an Action --

Apply

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wyebot

Management

Intermediate School

My SSIDs

Device Forensics

Network Tests

Advanced

Sensor Config

Test Profile Settings

Type: Ping

Profile Name: Internet (WiFi) - Jamen Test for Eduroam

Interface: WiFi

SSID: eduroam (ESU6)

[Please click here to configure additional SSIDs.](#)

AP Selection: Auto

Band: Auto

Apply test profile to the following sensors:

☒ All

☒ 2575-Sensor AK09062711

Test Parameters

Host: www.google.com

Count: 4

Packet size: 64

Pass percentage: 100

[Add IP Address](#) (Same parameters will be used)

Schedule

Run this profile: Every 20 minutes

☒ Smart Scheduling

Notification

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8. The test will run every 20 minutes doing a ping check to www.google.com using an ESU6 eduroam account called wyebot@esu6.org from within a school (outside the ESU6 network).
9. Here are the logs in the Federation manager showing that the test was successful.

```
RADIUS Server Logs
> 2023-01-11 21:48:34 log="Auth: (5136144) Login OK: [wyebot@esu6.org] (from client 204.234.241.254 port 1 cli 24-41-8C-DD-A7-34)" visinst=Internet2-R1152 nexthop=esu6.org
> 2023-01-11 21:36:02 log="Auth: (3667299) Login OK: [wyebot@esu6.org] (from client 204.234.241.254 port 1 cli 24-41-8C-DD-A7-34)" visinst=Internet2-R1152 nexthop=esu6.org
```

If the test fails to ping Google using the eduroam network it will send me an email notification from the school Wyebot.

- UWAG and eduroam admins might find this interesting:

<https://it.umich.edu/community/michigan-it-symposium/2020/presentations/introducing-pssid-wi-fi-monitoring-system> Presentation **Introducing pSSID: A Wi-Fi Monitoring System Developed at Michigan (40min Video)**

10. New Wifi 6e, aka Wifi in the 6Ghz band, requires WPA3-Enterprise. While, we are currently using WPA2-Enterprise. They are kind of compatible with a few issues.

-WP3- Ent PMF, Vendor support of feature sets, Future of Wireless retreat, Mark's blog:

<https://markhoutz.com/2023/01/10/wifi-6e-eduroam/>

Not all clients support WPA-3, which is required by 6Ghz

Juniper devices will "translate" between the 2 different types

Tweet from Doug Hales at BYU about WPA3 on 5/6GHz single SSID [#eduroam](#)

1. WPA3 only - some clients may fail
2. WPA2 transition/WPA3 - some clients may fail
3. WPA2/WPA3 separate profiles - vendor dependent, hard roam possible
4. WPA2 only - no 6GHz, some clients may still fail

Not an entirely new issue, new bands/tech create this issue each time a new version comes out

Transitions often cause heartburn

Hotspot2.0

Whats being done?

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- Maybe wait to deploy 6Ghz
 - Vendors to add feature
 - Create 2 Profiles - no roaming, associate and re-associate. The 2 profiles are seen as 2 networks (1 eduroam at lower Ghz, 1 eduroam at 6Ghz)
 - Clients will not downgrade due to security
 - IEEE have a lot of room for interpretation of device standards, Wifi alliance does good work but compatibility is not a priority
 - Eduroam Advisory - could be updating the Best Practice guide with some paths of resolution
11. Incommon/Internet2 Updates; RP(relying party) Testing (Hotspot testing) validate authentication and institutional server working, internal demo for hotspot testing Feb 3, short lived, secured credential that is secured. Where you are testing to and not testing from. This will test guest users. Updates and documentation on new feature coming soon February - March
 12. Windows updates:
<https://lists.geant.org/sympa/arc/cat-users/2022-10/msg00040.html>
 13. Discussion: Maintenance and Upkeep, admin audits, What are folks doing? Is there a calendar reminder, automated process with alarm?
Logan SD- Rik, reactive mostly, testing some WyeBot
Guests roaming to sites-

Location:

<https://uen.webex.com/uen/j.php?MTID=mc177e34a7d48d4914d92b534db297937>

Date and Time: October 20th 2022 2:30-3:30 MST

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Agenda Items:

14. Introductions
15. Whats new? Iron SD moved to IdP, eduroam2go
16. Quarterly meetings going forward
17. Promotional materials via email- no need for additional content
18. Swag: We need a beanie or hoodie
19. Android some documentation byod:
<https://www.washk12.org/tech/resources/eduroam#android>
Ian Stout and BJ with CUES could be a resource
Mark Houtz: Geteduroam.app ←this is the key! Ties into CAT Tool (set this up first, then install app on Android phone)
20. Refresher on CAT tool:
https://docs.google.com/presentation/d/1MDC_WcpoPleC7Ft-CBmTqfu4ZI6DXbICsw8N63J42oU/edit#slide=id.p
There is a slack channel- get with Mark Houtz to request access, WLPC's channel (sub channel for eduroam)
21. Discussion: Scott Harpster, vlan segregation
 - eduroam wifi networks on a transient vlan so it all ends at the firewall and bypasses the filter
 - Separate VLAN and free filter dns, then let's say if you are from that district connect to eduroam with email@samedistrict it will tag the vlan so you end up in the schools network instead of bypassing the filter. "Roaming" users not from the district will have dns filtering but they can still use their vpn etc and not be limited by the filter. Chromebooks and student devices that do connect to eduroam will use their current setup, should connect to a filtering cloud solution.
 - This stemmed from a trainer with an issue at a site, there are 3 layers: students, teachers/staff and guests- all go through the filter.
-What level is the filtering happening?

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22. <https://renu.ac.ug/metro-turns-one.html> RENU
<https://renu.ac.ug/eduroam-OTG.html> The local telco added eduroam to devices to hand out to RENU (Research and education Network of Uganda) Possibly re-using devices with this project
23. Brett Bieber shared: Calix router manufacturer had their annual conference ConneXions in Las Vegas:
Calix is used in Utah rural networks

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Action Items:

- ☐ Amanda- Add eduroam CAT presentations to white papers
- ☐ Amanda and Jeff- talk with rural providers about the Calix equipment and eduroam, Jeff has contact with a Calix representative, URTA conference (maybe promote it with a booth)

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Date and Time: September 15th 2022 2:30-3:30 MST

Agenda Items:

- 24. Introductions
- 25. Whats new?
- 26. Review [one pager](#) and [postcard](#)

Should any wording change? Should we add "hotspot"

- 27. Some Android devices and 802.11x - UWAG meeting will talk about this as well, Ian Stout will put together a guide to address the issue (Sean Rawlinson with North Sanpete)
- 28. Rich SD; not running as ldp? -update/close ticket- Clearpass
- 29. Wasatch SD now has eduroam, September 13th ish
- 30. UWAG meeting reminder September 29th, CPI training seats still available
- 31. Eduroam2Go: Free RADIUS server configuration, people from New Zealand, Japan,
- 32. My Hometown -Kelly Mc
 - statewide initiative, innovative solutions, adult education and providing laptops through the program
- 33. New residential SP site Jonathon with BYU
- 34. Jeff: CENIC presentation in California, eduroam beyond k12, (not formally accepted yet) COSN (Cory put his life on it!)
- 35. Review August report (uptick for the start of school, not many visitors from other countries this month)

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36. Internet2: September 8th outage, no map plugin API

Discussion: SLC airport and fiber connection back to UETN

Action Items:

- ☒ ~~Amanda to ask Mark O about adding "hotspot" to one pagers~~
- ☐ Amanda to close out ticket about Rich
- ☐ Amanda to send out promo materials to Wasatch SD
- ☒ ~~Amanda to send last report - report add UEN to SO report (we do auth for UTA) global visitors, higher ed not on SP bar graph, not clear information on the authentication types, glossary or definitions? Thomas to attend~~

Date and Time: August 18th 2022 2:30-3:30 MST

Location:

<https://uen.webex.com/uen/j.php?MTID=mc177e34a7d48d4914d92b534db297937>

Agenda Items:

- 37. Introductions
- 38. Whats new? Grand School district is working with Onward technologies
- 39. eduroam2go - success in communications between the AP and Wireguard
- 40. Saintcon mini badge- not for this year
- 41. Sp Competition among other countries, Brazil in the lead, Germany then United States
- 42. CUES: android, one district had some device issues- 802.1x, is there a need for a document- how to run CAT tool
- 43. IdP Testing is now officially live! You will see a new Test Realms button when you log into the eduroam Federation Manager

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<https://internet2.box.com/s/ymfcgymqhlthbel0wamcaarchy7dqw7> 12 minute training video

- real time checking
- UEN support can also assist with checking
- behind the scenes baked in security : not storing creds, sending encryption and responses
- the test runs independently of the page, navigating away from it after selecting "test" it will still run, time out set to 10 seconds
- note, the drop down lists the first realm, you may need to select
- Possible other features that can hook into this: error notifications to admins

44. Review July report

Date and Time: July 21st 2022 2:30-3:30 MST

Location:

<https://uen.webex.com/uen/j.php?MTID=mc177e34a7d48d4914d92b534db297937>

Agenda Items:

45. Introductions

46. Snow uses certificate based authentication. They are currently using SecureW2 to help with the on-boarding process. Is this the solution most higher ed is using or are there others? If there are others, he would like to know what they are using. Any help would be appreciated.

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- SecureW2 is the more popular product, CloudPath express connect (acquired by Ruckus/Commscope) Scott H, it uses captive portal could be a drawback, it is open to any vendor
- Clearpath, could be buggy or have issues (seen networks removed in use case)
- Davis tech uses Clearpass integrates really well with AD
- Geteduroam app and CAT tool is the same technology -Geteduroam on phone will handle server side certs but not client certs. Google Play will only be using Geteduroam app in the future

47. Presenting for COSN: what topics do you all want us to talk about to tech leaders?
Solutions for K12 usage, benefits of eduroam primary SSID: (how that works technically- assigning different roles in the radius server for external guests on same SSID, also vlans can separate these out) Share success stories among the districts
48. <https://lists.internet2.edu/sympa/info/eduroam-admins> sign up for Internet2/Incommon admin list, also used as a discussion, announcements and admin community help
49. There is a global slack channel
50. New SP sign ups: CentraCom and 1 residential for BYU employee
51. AP Setup guide: adding Ubiquity- Mark Houtz
52. Next generation CAT, Student Onboarding: what would be helpful and what can Internet2 do?
 - 2 main pathways: BYOD or Managed devices. How can users use their Google creds? If students use their personal creds, would this be a problem? Or go the direction of managed devices 1:1. What would your district leaders be comfortable with? Who is currently using an MDM platform for student users?
 - what features in the new CAT?
 - what barriers currently exist to onboarding students
 - Scott - Iron SD filtering is the biggest concern
 - possible survey in the fall to understand needs and stats

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53. Eduroam2Go update: review slides how it works, [eduroam2go Google Drive folder](#), anyone interested in working on this or viewing the current request access
- OpenWisp running, WPA enterprise on OpenWRT
54. Review June report- number of distinct guests

Date and Time: June 23rd 2022 2:30-3:30 MST

Location:

<https://uen.webex.com/uen/j.php?MTID=mc177e34a7d48d4914d92b534db297937>

Agenda Items:

55. Introductions
56. Discussion:

<https://eduroam.org/eduroam-deployment-considerations-on-wi-fi-certified-6e/>

Cliffnotes from: <https://www.pcmag.com/news/what-is-wi-fi-6e>

- The 6GHz band allows for internet speeds of greater than 1Gbps.
 - less spectrum congestion
 - The 6GHz spectrum in the US still has some existing licensed users, and Wi-Fi 6E networks will have to take steps to avoid interference outdoors.
 - Short wavelengths are great for fast data transfers, but they have a harder time traveling long distances
 - Routers, client devices
- Discussion: Most districts that have not already upgraded wifi, they may be waiting until wifi7
- Tools that support wifi7

57. Review SO Report: explanation of percentages on report

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- 58. Awareness: there might still be an issue on how to sign on to eduroam
- 59. Filtering guidelines
- 60. Next generation CAT, Student Onboarding: what would be helpful and what can Internet2 do? 2 pathways: BYOD or Managed devices. How can users use their Google creds? If students use their personal creds, would this be a problem? Or go the direction of managed devices 1:1. What would your district leaders be comfortable with? Who is currently using an MDM platform for student users?
- 61. Troubleshooting and reporting sites that are not working
- 62. USBE is working - a user went to Juab Red Cliff and was really happy, another user requested access and was able to use eduroam right away
- 63. New Feature: [adding admins](#), [decommissioning sites](#) (for SO only)

Date and Time: June 19th, 2022 2:30-3:30 MST

Location:

<https://uen.webex.com/uen/j.php?MTID=mc177e34a7d48d4914d92b534db297937>

Agenda Items:

- 64. Introductions
- 65. Call for artwork! We need art for eduroam laptop stickers, what do you want to see that represents what eduroam means for your community.
https://www.eduroam.org/wp-content/uploads/2015/06/eduroamlogo_guidelines.pdf
 - Idea, could we have buttons or stickers depicting the school district logo or mascot with eduroam?

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- What has to be present on the swag (incommon logo, no change of colors on the eduroam logo)
 - Provide a variety of designs (5 or 6 types) not too specific. Landmarks, Beehive,
 - Saintcon badge
66. Reminder* Here is where to find slide decks, promo materials and previous postcards, SP specific materials as well: [Google Folder SP Sites, one pagers etc](#) request access and I will add you
67. [New SP promo video](#)
68. CentraCom to work with setting up SP sites
69. Jeff with In the News: Currently the eAC is reviewing proposals for SP and IdP testing which would be added into the eFM. Support Organizations will need to provide test accounts. Anyroam used to operate a guest IdP, within compliance. The credentials were available for a limited amount of time. Example of usage- a site using eduroam as their main SSID could allow guest users an account.
70. Possible rebranding from "SP" to "Hotspot"
71. Amanda on vacation June 20- May 5: Please reach out to help@incommon.org or noc@uen.org

Discussion:

Date and Time: April 21st, 2022 2:30-3:30 MST

Location:

<https://uen.webex.com/uen/j.php?MTID=mc177e34a7d48d4914d92b534db297937>

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Agenda Items:

- 72. Introductions
- 73. Review Reports with Thomas Pratt at Internet2, Q and A (30 min)
 - a. Action items - have an error report notification/filtering options - Mike and Thompson
- 74. CAT tool training with Mark Houtz (NUES) (30 min)
- 75. Reminder: [Filtering and Firewall documentation](#) this is located in the UEN eduroam "How to" section under "White Papers"
- 76. Kajeet wireless bus
- 77. In the news:
<https://signpost.mywebermedia.com/2022/04/04/whats-up-with-webers-wi-fi/>

Discussion:

Date and Time: March 17th, 2022 2:30-3:30 MST

Location:

<https://uen.webex.com/uen/j.php?MTID=mc177e34a7d48d4914d92b534db297937>

Agenda Items:

- 78. **Introductions**
- 79. [Update on UETN Sponsored Sites](#)
- 80. Reminder to update sites and number of APs associated with your Idp or SPs

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81. Wrap up Promotion and Awareness discussion

Check out a new design submission by Slader Mathew

82. Log Log now available for Service Organization review, only raw data from Grafana



83. Review Reports

84. Security guide for end users? Unique usernames and passwords, how might a hacker spoof eduroam ssid and what should end users be aware of, if anything?

85. <https://wiki.geant.org/display/H2eduroam/eduroam+Apps>

86.

Discussion

- Get away from eap and use PEAP, the install of certificates vs using a username and password
- Limit user device authentication amount/number, (for the sake of not exhausting ip pool, maybe not allow outside devices)
- SESC allows unlimited devices
- Cert popup, "do not validate" feature, CAT tool does have some limitations

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- Mark's CAT Tool Presentation from a few years ago.. Will update for next month..
https://docs.google.com/presentation/d/1MDC_WcpoPleC7Ft-CBmTqfu4ZI6DXblCsw8N63J420U/edit?usp=sharing
- Geteduroam
 - <https://www.geteduroam.app/about/>
- Passpoint integration? Hotspot newer version, combination UWAG and eduroam discussion, <https://wballiance.com/openroaming/how-it-works/>

Date and Time: February 17th, 2022 2:30-3:30 MST

Location:

<https://uen.webex.com/uen/j.php?MTID=mc177e34a7d48d4914d92b534db297937>

Agenda Items:

87. Introductions
88. [Update on UETN Sponsored Sites](#) Emery School district is completed, Salt Lake School for Performing arts SP,
89. Reminder to update sites and number of APs associated with your Idp or SPs
90. [Tech Retreat eduroam slides](#)
91. Updated SP Guide on website
92. When will your new site be on the Map? the mapping file is built once a day at 1pm ET
93. Call for artwork! Any suggestions for new eduroam laptop stickers or promo items, we will include QR codes. We are out of the heart stickers currently, time for a refresh of images
94. Request your admin account if you have not already done so

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Discussion

- Firewall and filtering at the districts, solutions, ACLs, "subject to K12 filtering", captive portals not recommended
- Wigle.net crowdsource mapping tool, APIs available, possible use by Internet2/Incommon
- SP in-a-box solution: openWRT (table of hardware for APs), openWisp, there will be a cap of sorts
- Is there a possibility that credentials could go away from username and password to certificates. How does UETN assist with people using certificates instead of username and password- form the districts "yes we need to get teachers/staff moved to certs but there is a big pushback on not using login credentials. Students wouldn't be the problem to implement certs.

Date and Time: January 20th, 2022 2:30-3:30 MST

Location:

<https://uen.webex.com/uen/j.php?MTID=mc177e34a7d48d4914d92b534db297937>

Agenda Items:

95. **Introductions**
96. [Update on UETN Sponsored Sites](#)
97. Promo items sent to: Cache, Kanab, Garfield and SLC District, Logan SD, Washington SD, Weber Libraries, Weber SD, SLC School for the Performing Arts
98. Survey: [UETN Eduroam Promotion and Awareness](#)

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99. Review December 2021 Group report

In the News:

100. **Goal for sites: SP Blitz! Let's add 50 new sites! now until Winter Break**
UETN's SP Only eduroam Onboarding -sign up form
 - Get a list started, if each peer or district could find 1 location that is 40 sites
 - all new sites will receive promotional materials, stickers and window clings
101. **Goal for users: Teachers and Staff awareness**
 - Get promotional materials in folks hands. New set of postcards! Postcards to be distributed via mailing list. Give to district leaders
 - **Are we seeing an increase in awareness?**

Discussion Topics

1. Cory and Mark with CBRS and eduroam
 - Solutions: Lightweight Access Point
 - Cradlepoint- docker containers to utilize vlans to tunnel
 - Cisco LLaPP, CapLap is the standard Control provisioning of wireless access points
 - Luke, Ian and Mark- solutions for community set up
2. K12 Discussion: Technical or Political? [eduroam K12 Student Usage: Technical How-To](#)

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3. Please complete eduroam survey
4. SP- Eduroam in a box:
 - how to separate traffic, enterprise type, guest ips are separate. OpenWRT, Mikrotik.
 - How to use old hardware to load different types of firmware on it. Retired gear to donate.
 - Pre configured eduroam-out of the box solution (Luke and Ian discussed concepts about this) Would UEN still have some responsible on it, tracking? Upkeep etc Local district technical contact could have the inventory or manage. UEN could provide machine and IP space.
 - Interns at the district could load firmware, they could also manage the controller aspect to monitor down devices.
 - <https://openwisp.org/>, <https://forum.openwrt.org/t/cloud-remote-management-possible/111505>
 - <https://forum.openwrt.org/t/cloud-remote-management-possible/111505/28>
 - If student interns configure the devices, could they also recommend/request where they want it setup? I could then reach out to the place and let them know we have a device configured and
5. Window clings- reverse the image, QR codes (some for SPs animation video and some to our main landing page)

Date and Time: December 16th, 2021 2:30-3:30 MST

Location:

<https://uen.webex.com/uen/j.php?MTID=mc177e34a7d48d4914d92b534db297937>

Agenda Items:

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102. **Introductions**

- Any special guests or newcomers?
- Brett Bieber with Network Nebraska to present on progress
- John Chadwick with New Mexico Public Education Department (had a few questions about K12 usage)
- Ann Marcus with Link Oregon (helping with SP one-pager)

103. **Agenda Bash**

- Anything we need to add?

104. Documentation will be updated on our Website as it is completed, Internet2 will be providing the Admin guide and Setup Guides

105. [Update on UETN Sponsored Sites](#)

In the News:

106. [Eduroam Support Organization in the US](#)

107. **Goal for sites: SP Blitz! Let's add 50 new sites! now until Winter Break** [UETN's SP Only eduroam Onboarding](#) -sign up form

- Get a list started, if each peer or district could find 1 location that is 40 sites
- all new sites will receive promotional materials, stickers and window clings

108. **Goal for users: Teachers and Staff awareness**

- Get promotional materials in folks hands. Postcards to be distributed via mailing list. Give to district leaders
- **Are we seeing an increase in awareness?**

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Discussion Topics

- Are there any special requests or ideas for the SP one-pager?

Generic, not just UEN based

Specific: markets, eateries and cafes, government(parks/museums, DMV, Transportation, pseudo education sites (libraries, museums, art and music venues)

- Brett Bieber to present on Network Nebraska updates
- K12 student usage

Acceptable Use Policy examples:

<https://drexel.edu/it/about/policies/policies/01-Acceptable-Use/>

<https://itpolicy.princeton.edu/>

<https://www.uen.org/ueninfo/guidelines/aup.shtml>

-Next meeting about Support and Operations

Date and Time: November 18th, 2021 2:30-3:30 MST

Location:

<https://uen.webex.com/uen/j.php?MTID=mc177e34a7d48d4914d92b534db297937>

Agenda Items:

109. Introductions

- Any special guests or newcomers?
- Wes Ferguson with UEN, Philippe and Anyroam team, Mike and Sara with Internet2

110. Agenda Bash

- Anything we need to add?

111. Wes Ferguson with UETN to talk about [IBoss filtering](#), eduroam ~30 minutes

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112. Internet2 Q&A session about new service: [eduroam Transition Wiki](#) ~30 minutes

Question: Are there ways to get suggestions to Internet2? Yes, of course, please reach out to help@incommon.org, Amanda with UETN etc

Question:

113. Documentation will be updated on our Website

114. [Update on UETN Sponsored Sites](#)

In the News:

-Who is Internet2 and what are they up to lately? [Internet2 A New Network for a 25th Anniversary](#), expansion on node numbers per site more than doubled, backbone link capacity from 100G to 400G, environmental awareness and improved efficiency, storage network.

- Washington County SD: <https://www.washk12.org/tech/resources/eduroam> website
- University North Carolina: Will have 60 municipal sites, bringing those on in concert with the city of Greensboro

115. **Goal for sites: SP Blitz! Let's add 50 new sites! now until Winter Break**
[UETN's SP Only eduroam Onboarding](#) -sign up form

- Get a list started, if each peer or district could find 1 location that is 40 sites
- all new sites will receive promotional materials, stickers and window clings
- spoke with CentraCom about being a partner

116. **Goal for users: Teachers and Staff awareness**

- Get promotional materials in folks hands. Postcards to be distributed via mailing list. Give to district leaders
- **How do we know if teachers are using it, what metrics do we use?**

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Discussion Topics

- Internet2 Q&A discussion and overview
- IBoss configuration and documentation
- anonymous credentials and security
- Policies and Configuration URLs (examples of policies:
 - wireless networks: <https://drexel.edu/it/connect/wireless/>
 - Princeton AUP for all of its technology services: <https://itpolicy.princeton.edu/>
 - UETN's existing AUP (<https://www.uen.org/ueninfo/guidelines/aup.shtml>)
- New wireless standards and early adopters, do we need documentation here?
WPA3 <https://www.wi-fi.org/discover-wi-fi/security>.
- Android issue, what is the exact issue and solution -add it to this: [Your Eduroam Implementation and Best Practices](#)

117. Action Items

- ☐ One pager for SP - Amanda to work with Rich and Susan
- ☐ Animation video for SPs - Katie and team
- ☐ Review IBoss document and add to website [Latest News section](#)

Date and Time: October 19th, 2021 3:00-4:30 MST

Location:

Saintcon Conference

<https://uen.webex.com/uen/j.php?MTID=mc177e34a7d48d4914d92b534db297937>

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Agenda for  SaintCon: UWAG and eduroam

Date and Time: September 16th, 2021 2:30-3:30pm MST

Location:

<https://uen.webex.com/uen/j.php?MTID=mc177e34a7d48d4914d92b534db297937>

Attendees:

Amanda Molinari (UETN)

<fill in names>

Agenda Items:

118. Introductions

-Any special guests or newcomers?

119. Agenda Bash

-Anything we need to add?

120. [Update on UETN Sponsored Sites](#)

-Emery SD is now an IdP peer in the portal and working toward setting up their locations and RADIUS server

-Uptick in usage for back-to-school

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-Dixie Tech is now a peer for SP and working toward setting up their locations and RADIUS server

121. **Goal for sites: SP Blitz! Let's add 50 new sites! now until Winter Break**

[UETN's SP Only eduroam Onboarding](#) -sign up form

- Get a list started, if each peer or district could find 1 location that is 40 sites
- all new sites will receive promotional materials, stickers and window clings

122. **Goal for users: Teachers and Staff awareness**

- Get promotional materials in folks hands. Postcards to be distributed via mailing list. Give to district leaders
- **How do we know if teachers are using it, what metrics do we use?**

123. **Discussion Topics**

- K12 Student Usage
- New wireless standards and early adopters, do we need documentation here?

WPA3 <https://www.wi-fi.org/discover-wi-fi/security>.

- Android issue, what is the exact issue and solution -add it to this: [Your Eduroam Implementation and Best Practices](#)

124. **Action Items**

- Review last meeting action items

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Date and Time: August 19th, 2021 2:30-3:30pm MST

Location:

<https://uen.webex.com/uen/j.php?MTID=mc177e34a7d48d4914d92b534db297937>

Attendees:

Amanda Molinari (UETN)

<fill in names>

Agenda Items:

125. **Introductions**

-Any special guests or newcomers?

Success Story and Guests: Todd Berret and Mark Longhurst with BYU on eduroam as their primary SSID

Guests: Jay Graham and Louis Passarello with the University of Pennsylvania

126. **Agenda Bash**

-Anything we need to add?

127. **Update on UETN Sponsored Sites**

- Midway Homestead Conference center (peer set up)

- H-Wire sites (Contracts getting signed)

- DTS sites (IdP sites)

- Emery School District signed up

- Logs and Reports on current sites:

Dagget SD IdP o% (SP ok) certificate issue

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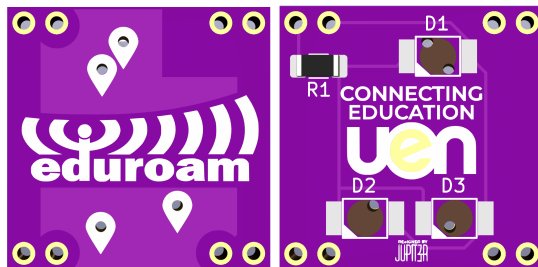


Boxelder DO is not working for outside users, Donnie sees it is related to ISE setup

Snow College: should be ready in time for TechSummit "re-doing eduroam with new certificates. It will be available around August 25"

128. In the News:

- Social Media there will be posts every month for SP only sites and teachers/staff awareness [e-postcards](#)
- Posts formatted for emails to be sent to k12eduroam list, could this be forwarded out? [Mailing list sign up](#)
- **Conferences** and talks coming up: Saintcon in October - Panel on Student Use, TechSummit in Sept. "The Case for SPs" by Scot McCombs -Cory
- a Saintcon mini badge for any new sign ups



- TechSummit "The Case for SP's" Scot McCombs with Canyon School District
Track it: the UETN Sponsored site list
- UEN Net Newsletter: IT Security, Educators, Health and Wellness. Sign up today- [UEN Net News](#)

[Az Docs for eduroam](#), [Board Video](#)

- National and Local Spotlight: (Jeff)

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-[Network Nebraska](#) kick off announcement -Other Regional service providers: Link Oregon, Sun Corridor Network, Navajo Nations

129. **Goal for sites: SP Blitz! Let's add 50 new sites! now until Winter Break**
UETN's SP Only eduroam Onboarding

- Get a list started, if each peer or district could find 1 location that is 40 sites
- all new sites will receive promotional materials, stickers and window clings

130. **Goal for users: Teachers and Staff awareness**

- Get promotional materials in folks hands. Postcards to be distributed via mailing list. Give to district leaders (I will reach out to each district and offer materials), trainers at C-Forum,
- C-Forum and trainers - we will do a talk/meeting - Cory
- How do we know if teachers are using it, what metrics do we use?

131. **Discussion Topics**

- Why the 2 goals above? Does everyone like these goals? SPs- "if you build it they will come approach". Users address the hierarchy of users in stages of 6 months: 1st stage admin users (completed), 2nd stage faculty/staff/teachers (current until Winter Break) 3rd stage k12 students (2022 Summer start)
- Gather user testimonials

132. **Action Items**

- Emery SD - Doug Johnson is working on this now, we will set up a project
- Saintcon: minibadge - Amanda
- Saintcon topic: Vlans and overrides, primary SSIDs, Cory to ask about virtual for

Panel Discussion

133. **Additional Meeting Notes:**

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Agenda - July 15, 2:30pm

- [Update on UETN Sponsored Sites](#) - Cory, Amanda and Jeff
 - 40 or so Charter schools -Matt from H-Wire (summer timeline) will provide spreadsheet of sites/contacts/additional info, setup business office as SP/IdP
 - See Action Item - Supt. Meeting in Midway - Mark
- In the News: [Internet2 Program Helps Bridge the Digital Divide for K-12 Districts, Libraries, and Museums with eduroam WiFi](#)
- The solutions that came from the pandemic, will they continue to be used? (1:1 take home devices, extending wireless access)
- Promoting eduroam, question to the group: are we starting to see changes in activities related to travel, conferences, sporting events, are folks anxious to go back to these things? Whats the vibe - Amanda
- If you would like promotional materials feel free to reach out
- Logs and reports: I will be reviewing these at the beginning of each month going forward, if there are 0% authentications due to no users (and to avoid an email from me), an admin can run a test to check that the site is still operational -Amanda
- Share success stories - group
- Meet in person October 18th-22nd SAINTCON? - Cory
- Review action items - group

Action Items

- Discuss user trends from BYU (primary ssid) - Amanda, Bryan and Kiera know

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contacts (T-Forum)

- Emery SD- IdP send Doug message about promo materials- Amanda
- SaintCon- submit a leadership/security? -Amanda, Jeff, Cory
- DTS Kevin next round of sites coming on board (Workforce services, UDOT requesting eduroam) - Jeff, Amanda
- Update on other SOs, Network Nebraska is setting up their group context, some sites in testing now -K12 (states, regions, coming onboard) -Amanda
- Reach out to Elmar for Homestead Resort in Midway conference site for SP (FirstDigital as SP?)
- Reach out to FirstDigital as an SP -Jeff ,Jim, Amanda
- Promoting eduroam to teachers, staff and students (we need to develop strategies) - Jeff and Amanda
 - URSA completed, C-Forum next - Amanda, Cory, Jeff
 - Reach out to Beaver, Morgan, Nebo, NUES/Mark, - Cory to schedule (Cory reached out once and will do it again) first round (Amanda has been recording stories)
 - How to share the stories - in this meeting, Web Site, social media, use the State Supt to tell the story (present to Supt. group - **June 2021, Mark is setting up eduroam at the conference center**) is there a need for promo materials?
 - User group - reach out to Amanda for promotional items (posters, stickers, etc.)
 - Promote equity of access
 - Mike to involve this user group in a regional meeting to collect the stories
 - Susan at Canyon's could help us
 - Amanda and Cory to set up interviews
 - Amdana to find the Logo to publish on web sites (standard across all sites) https://www.eduroam.org/wp-content/uploads/2015/06/eduroamlogo_guidelines.pdf
 - Example <https://www.seschools.org/eduroampolicy>
- Kiera to reachout to Emery Libraries, MountainLands Tech College and Head

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Starts

- Jeff to share Open Roaming information when he gets it through I2 work
 - SP server could be made into a Open Roaming server (RadSec)
 - <https://wballiance.com/wp-content/uploads/2020/12/Editable-OpenRoaming-Diagram.jpg>
 - <https://www.rcrwireless.com/20210520/network-infrastructure/wi-fi/brazils-gru-airport-gets-wi-fi-6-openroaming-network>
- Need to add a training on domain loops, etc. to increase the success rate
[Promotion and Reports/Logs \(Tech Summit Slides\)](#)
- Scot and Canyon's to work with charter schools in the area
- Scott Graves to reach out to West Valley City to add eduroam to their park APs
- Cory to work with Michael and James on the USBA -**June timeline**
- ANYROAM to have the SP servers ready to go by Sept. 1, Chad and Philippe
- Jim and Barry to follow-up with Mike Nobol at IHC on SP service -left message
- Amanda to push out updates using email to the user group using the "[eduroam Implementation and Best Practices](#)" Google Doc - ongoing
- Work on details for the IdP second phase sites to stand them up (Park City) - Cory/Jeff -**Summer Timeline**
- Mark H. to work with Wasatch to stand them up
- Jim to work with the Airport (left message no return call yet)
- Cory to clean up and publish this following - eduroam site issue process Final
 - A UETN sponsored eduroam end user finds a UETN sponsored eduroam site not working:
 - End user reports the issue to their district/school site technical contact
 - Technical contact will report to the UETN NOC (through a ticket?)
 - NOC will track issue(s)
 - NOC will contact the eduroam site with the issue(s) to help resolve
 - If the site is not able or willing to fix the issue in a timely manner, NOC/PM needs to remove the site from the eduroam portal map and the site standup spreadsheet

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Action Items Completed

- ~~Completed - Share semi-annual group report, Robert Potts, k12eduroam-list-Amanda~~
- ~~Find solution: GBRS devices Cradlepoint r500 and AGLs/rules (ex: to prevent empty realms forwarded to TLRS1/2) method not found at this time,~~
- ~~Bryan to provide an interview and successful use case~~
- ~~Present at state conferences (UJET, rural schools, etc.) - DONE~~
- ~~How to report eduroam outages? - add the outage on their home web site (users can drill down to each site to see status from the Map)~~
- ~~Work with ANYROAM to develop an easier process for the SP agreement~~
 - ~~Philippe/Mike~~
 - ~~SP Only Contract/Agreement (condensed version) - Phillippe and Mike~~
 - ~~UETN would take the responsibility for the SP and the process for approving the sites, UETN could set them up on the server, we would need to take the risk (no one has been sued over eduroam)~~
 - ~~Same process - create form, if not, we will change what's needed - Amanda to update process in Wrike~~
 - ~~ANYROAM - to get the contract/agreement to us ASAP.~~
 - ~~Develop a strategy for the NOG~~
- ~~Add training for Open Roaming to user group agenda -Cory to work with Philippe~~
- ~~Work with Rich and Susan to promote Nebo's student BYOD, SLC, NUES and other district's eduroam story, we need to collect the stories (Nebo's eduroam config site - <https://it.nebo.edu/wifi/>) - Amanda to follow up with Rich and Susan~~
- ~~Ensure a district shares success stories each meeting~~
- ~~Share Nebo story - have Don come to our next meeting (share data)~~
- ~~Collect the story -ask Susan~~
- ~~Team to work with the two districts in the state not using eduroam to see if they would stand up SP only services. -Cory (meeting set for march 3rd)~~
- ~~Bryan will reach out to Murray Library for SP, -Jira~~

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- ~~Cory to work with Jim and Jeff to schedule a time to discuss ANYROAM pilot and adding other DTS SP sites with DTS/Mike~~
- ~~Jeff to work with DTS for the capital~~
- ~~Send contract to legal - Cory~~
- ~~Cory to work with Jim and Barry on a discussion with Jacob at ETS~~
- ~~Cory, Alan and Barry to plan the UWAG/eduroam combined user group meeting of Sept (Jim, Jason, and others to host the WiFi 6/LTE training)~~
- ~~Send Mark H. details on SP standup for charters~~
- ~~Cory, working with Dan for Moab City library as they have requested SP services.~~
- ~~Discuss SP Rollout with Jim and Jeff (use the same IP addresses for the top level SP servers and then have the site move to the SLC IP address once it ready), new automation should be done 3 or so months - Cory~~
- ~~Barry to work with Troy on xMission SP setup - report next meeting~~
- ~~Update on Jeff and Kiera meeting with the SL City libraries to see if there's interest in eduroam - More to come - DONE~~
- ~~Publish and complete [VLAN working document](#) (questions on this doc should be addressed by the NOC) - Amanda/Mike/Misha~~
- ~~User group/UETN will continue to develop the second phase sites, each user group member should review and help provide insight on the sites for this second phase.~~
- ~~Philippe and Mark to provide an overview training on CAT in April~~
- ~~802.1x training is a go for Jan 16 at 2:30pm in the UWAG WebEx room~~
- ~~Mike to follow-up with Anna and ALA,~~
- ~~Cory will schedule a discussion with UTA to see if they would like to point to ANYROAM server (not UETN)~~
- ~~We should develop a business card size promotional - Amanda~~
- ~~Amanda working with the UETN eduroam and marketing team to head up the school promotional package project (this to include stickers, simple one pager, info flyer, card, etc.)~~
- ~~Move forward with Case study (Beaver and Millard)~~
- ~~Mike to schedule a meeting with Ann from ALA and Bryant and Cory~~
- ~~Mike to send details on eduroam Map App~~
 - ~~Eduroam App: <https://www.eduroam.org/eduroam-companion-app/>~~

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- ~~Mike to send the new eduroam video clip~~
 - ~~Eduroam video on international front page: <https://www.eduroam.org/>~~
- ~~We will continue to stand up eduroam first phase sites~~
- ~~All agreed we need to promote eduroam, key details are:~~
 - ~~Promote to those that already have eduroam~~
 - ~~Short flyer to teachers and other educational staff (each district may need to customize the flyer)~~
 - ~~Promote USBE has eduroam~~
 - ~~WebEx training should be a training not just a promotion (show how to access and use eduroam) - do a needs assessment to determine training focus, I2 offering a WebEx to~~
 - ~~We need to move on the window stickers soon, maybe include UEN logo and other details, UETN will discuss and provide the details next meeting (Mike to see if he can find some ideas for us)~~
 - ~~We will continue this discussion but will move forward as we do.~~
 - ~~We need to discuss timing for the WebEx training~~
 - ~~Book Marks, Pens, etc.~~
 - ~~Promote eduroam using the web site~~
 - ~~I don't just roam I eduroam~~

Past meeting notes are below...

Agenda - March 18 2:30pm

- [Update on UETN Sponsored Sites](#) - Cory, Amanda and Jeff
- SPs and agreement update - Cory, Mike and Philippe
- Promoting eduroam - UCET, [user stories](#), etc. - Amanda (Bryan can provide an interview)
- Sites not working? - Cory just ask the site that is down, normal outage not a issue but it down for days/months we need to pull out the details on the portal, check with home site first and then tech staff push to the NOC to track and see if

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they can help (use the tech contact info to contact local site) - review next user group meeting

- Chat - from Mike Hipwell to Everyone: 2:52 PM
- I think we can report to UETN NOC.
- from Mike Hipwell to Everyone: 2:53 PM
- NOC should have contact lists for each district or location
- from Mike Hipwell to Everyone: 2:59 PM
- I agree with Jared. I was referring to us Eduroaming tech staff to report to UETN Noc.
- Combined session with UWAG in April - Topics?
- Share success stories
 - Local ISP standing up eduroam (City wide SSID) in NE, every house (ComCast?, SouthCentral)
 - Jeff to ask SLC engineering team next week
- Action Items

Action Items

- Promoting eduroam to teachers, staff and students (we need to develop strategies) - Jeff and Amanda
 - Reach out to Beaver, Morgan, Nebo, NUES/Mark, - Cory to schedule DONE first round
 - Present at state conferences (UCET, rural schools, etc.) - DONE
 - How to share the stories - in this meeting, Web Site, social media, use the State Supt to tell the story (present to Supt. group)
 - Promote equity of access
 - Mike to involve this user group in a regional meeting to collect the stories
 - Susan at Canyon's could help us
- Need to add a training on domain loops, etc. to increase the success rate
- Scot and Canyon's to work with charter schools in the area
- Scott Graves to reach out to West Valley City to add eduroam to their park APs
- Cory to work with Michael and James on the USBA -**June timeline**

eduroam User Group Meeting



- ANYROAM to have the SP servers ready to go by Sept. 1, Chad and Philippe
- Jim and Barry to follow-up with Mike Nobol at IHC on SP service -left message
- Amanda to push out updates using email to the user group using the “[eduroam Implementation and Best Practices](#)” Google Doc - ongoing
- Work with ANYROAM to develop an easier process for the SP agreement
 - Philippe/Mike
 - SP Only Contract/Agreement (condensed version) - Phillipe and Mike
 - UETN would take the responsibility for the SP and the process for approving the sites, UETN could set them up on the server, we would need to take the risk (no one has been sued over eduroam)
 - Same process - create form, if not, we will change what’s needed - Amanda to update process in Wrike
 - ANYROAM - to get the contract/agreement to us ASAP.
 - Develop a strategy for the NOC
- Work on details for the IdP second phase sites to stand them up (Park City) - Cory/Jeff
- Mark H. to work with Wasatch and Rich to stand them up
- Jim to work with the Airport (left message no return call yet)

Agenda - Feb. 18th 2:30pm

- [eduroam updates](#) (other states coming on board)- Cory, Amanda and Mike
- [Update on UETN Sponsored Sites](#) -Cory
- SPs and agreement update - Cory and Philippe
 - Admin will submit a request from a portal page, NOC will we starting the process for each SP site, higher priority
- Promotional items (stickers, posters, etc.), video stories, etc. - Amanda

eduroam User Group Meeting



- Reach out to Beaver, Morgan, Nebo, - Cory to schedule, NUES/Mark,
- Discuss open roaming - how does this affect eduroam? - Philippe and Group Discussion - I2/Mike is willing to up us set a trial of this, if there's interest
- **Open Roaming (OR) Discussion with UETN:** SP Open-Roaming - IDP Open-Roaming
? -Do you want to welcome non-edu guests onto your Wi-Fi more easily? -Do you want to get paid for your Wi-Fi (Google Orion and Other Solutions)? -Do you want to extend availability of eduroam to your users at various hotspots ? -Why use eduroam credentials for your users when using Open-Roaming? -How many locations will enable Open-Roaming just for education? -Should we promote the eduroam RCOI or the OR-edu RCOI ? (profile complications and brand mixing) Open-Roaming helps the promotion of 802.1X which is often a limiting factor to implement eduroam at non-edu hotspots. Unfortunately OR comes with additional requirements that make it harder to implement for most deployments (CUI, Radsec, Accounting) 1. ANYROAM is a paid for "implementer" for Open-Roaming, so the SP-only servers will connect to Open-Roaming 2. Backward compatibility: We will do RADIUS with all connectors and Radsec with Open-Roaming 3. At SPs, the Wi-Fi must be able to implement Passpoint/Hotspot2.0 4. All IDPs have to implement CUI and Operator-Name. MSFT NPS will not work as an IDP. And your DNS must accept NAPTR entries. 5. With OR SP side has a strong policy of no logging and protection of privacy but IDP side is up to the IDP (e.g. if Using a Facebook ID, Facebook can log user activities and since Operator-Name is provided and often so is the Called-Station ID, user location is accurate)
- Review the eduroam usage reports - Amanda (need to add a training on domain loops, etc. to increase the success rate
- Action items - Cory

Agenda for eduroam User Group - (Combined with UWAG) Jan 21st, 2021 -

See [UWAG Agenda](#) - [HTTPS://UEN.WEBEX.COM/MEET/UWAG](https://uen.webex.com/meet/UWAG)

1. Review current [phase](#) sites status - Cory, Amanda and those in the phase
2. SP Only Contract/Agreement (condensed version) - Phillipe and Mike
 - a. UETN would take the responsibility for the SP and the process for approving the sites, UETN could set them up on the server, we would need to take the risk (no one has been sued over eduroam)
 - b. Same process - create from, if not, we will change what needed - Amanda to update process in Wrike
 - c. ANYROAM - to get the contract/agreement to us ASAP.

eduroam User Group Meeting



- d. Develop a strategy for the NOC
2. SP Server Update (SP automation, etc.) - Phillippe
3. Update on eduroam Contract - Mike and Cory
User stories -video - Amanda

Agenda for eduroam User Group - Sept 17, 2020.

1. Training on Private LTE and WiFi 6

In the UWAG WebEx Room

<https://uen.webex.com/uen/j.php?MTID=m0669a8a337042cc615f15415082cac8b>

1. Review current [phase](#) sites status - Cory, NOC and those in the phase
2. SP Rollout -Cory, Jim, Phillippe
 - a. Pilot Sites - SLC Libraries, State Library Division Office, Kelly McDonald's home, Moab Library, Hogle Zoo, NSLC and other ETS sites and DTS sites
 - b. Promoting SPs
 - c. ANYROAM's status for SP automation?

Promoting eduroam to teachers, staff and students - Jeff and Amanda

- d. Nebo's eduroam config site -<https://it.nebo.edu/wifi/>
CBRS/LTE tie to eduroam

Review current [phase](#) sites status - Cory, NOC and those in the phase

Discuss the next phase of the project (next steps) - group discussion

[VLAN issue and update](#) - Troy and Misha

eduroam User Group Meeting



[Report Review/Training](#) (empty realms, UETN monthly report, etc.) - Amanda

Collecting Passphrases Update - Amanda

SP sites (Airport, USBA, Capital, Libraries, etc.) update and next steps
(ANYROAM update for on online tools and user agreement) - group and Philippe

How to promote eduroam for teachers/student use - [Stickers](#) and [Info Sheet](#) and other documents/resources to promote eduroam to teachers. Please let Amanda or Cory know if you would like to be added to the [list for promotional items](#) - Amanda

e. UCET and Rural school Conference Update

Review and update for student access of eduroam ([Case Study with Millard and Beaver](#)) - Lane/Kevin/Cory/Jeff

Training do we need at this year's Tech Summit - Cory/Jeff/Amanda

- f. Reporting
- g. How to Promote the Service
- h. Update on student use

Review Action Items - Cory/group

Open discussion - group

Agenda for eduroam User Group - May 21, 2020, 2:30pm

Cory's WebEx Room Link:

<https://uen.webex.com/meet/cstokes>

Cory's WebEx Dial-in (if you are not at a computer)

+1-415-655-0002 US Toll

eduroam User Group Meeting



806 030 821 Access code or just click:
4156550002,,806030821#

How has eduroam helped with the crisis? Any thoughts or ideas? Filtering with take home devices? - by Amanda

Review current [phase](#) sites status - Cory, NOC and those in the phase

SP Rollout -Cory, Jim, Phillippe

- i. Pilot Sites - SLC Libraries, State Library Division Office, Kelly McDonald's home, Moab Library, Hogle Zoo, xMission SLC downtown, Salt Palace, and DTS sites
- j. Promoting SPs
- k. ANYROAM's status for SP automation?

Tech Summit Training June 17 and 18 -Barry

- l. Eduroam Monthly Reports and Promoting Eduroam
- m. Moving Forward With Students Using Eduroam
- n. Eduroam CAT
- o. WiFi 6 - the WiFi you Have Been Waiting For
- p. UWAG/Eduroam User Group Mtg

Agenda for eduroam User Group - Feb. 20, 2020, 2:30pm

Review current [phase](#) sites status - Cory, NOC and those in the phase

How many tech requests are districts getting? How best to organize support?
Amanda/group

eduroam User Group Meeting



Discuss the next phase of the project (next steps) - group discussion

Collecting Passphrases Update - Amanda

SP sites (Airport, USBA, Capital, Libraries, etc.) update and next steps
(ANYROAM update for on online tools and user agreement) - group and Philippe

How to promote eduroam for teachers/student use - [Stickers](#) and [Info Sheet](#) and other documents/resources to promote eduroam to teachers. Please let Amanda or Cory know if you would like to be added to the [list for promotional items](#) - Amanda

q. UCET and Rural school Conference

Review and update for student access of eduroam ([Case Study with Millard and Beaver](#)) - Lane/Kevin/Cory/Jeff

Next Report Review/Training in March? - Amanda

What training do we need at this year's Tech Summit - Cory/Jeff/Amanda

Review Action Items - Cory

Open discussion - group

Agenda for eduroam User Group - December 19, 2019

Review [first phase](#) sites status - Cory, NOC and those in the first phase

eduroam User Group Meeting



Discuss the second phase of the project (next steps) - group discussion

802.1x training is a go for Jan 16 at 2:30pm in the UWAG WebEx room -Mike

Update on contract for next year - Internet2/Jim

SP sites (Airport, Capital, Libraries, etc.) update and next steps (ANYROAM update for on online tools and user agreement) - group and Philippe

How to promote eduroam for teachers/student use -[Stickers](#) and [Info Sheet](#) and other documents/resources to promote eduroam to teachers. Please let Amanda or Cory know if you would like to be added to the [list for promotional items](#) - Amanda

Review update for student access of eduroam ([Case Study with Millard and Beaver](#)) - Lane/Kevin/Cory/Jeff

Review Action Items - Cory

Open discussion - group

Agenda for eduroam User Group - Nov 21 2019

Review [first phase](#) sites status - Cory, NOC and those in the first phase - **We are getting close to having all first phase complete**

Discuss the second phase of the project (next steps) - group discussion (all but two district will be in eduroam by mid year 2020)

eduroam User Group Meeting



Possible Training on 802.1x in Jan. Cory and group discussion - **This is a go for Jan 16 at 2:30pm in the UWAG WebEx room**

SP sites (UTA, Airport, Capital, Libraries, etc.) update and next steps (ANYROAM update for on online tools and user agreement) - group and Philippe, **Bryan will reach out to Murray Library for SP, Mike to follow-up with Anna and ALA, Cory will schedule a discussion with UTA to see if they would like to point to ANYROAM server (not UETN)**

How to promote eduroam for teachers/student use - [Stickers](#) and [Info Sheet](#) and other documents/resources to promote eduroam to teachers - Amanda - **We should develop a business card size promotional**

Review update for student access of eduroam ([Case Study with Millard and Beaver](#)) - Cory/Jeff -**Beaver district is morning forward with students on eduroam, Lane provided details**

Open discussion - group

Agenda for eduroam User Group - Sept, 19 2019

Review [first phase](#) sites status - Cory, NOC and those in the first phase

Discuss the second phase of the project (next steps) - group discussion

[eduroam Reports and How to Effectively use them](#) (question and answer as well) - Amanda Burns 20+ Minutes

eduroam User Group Meeting



SP sites (UTA, Airport, Capital, Libraries, etc.) update and next steps (ANYROAM update for on online tools and user agreement) - group and Philippe

TeleHealth? -Cory/Jeff

[UWAG/eduroam Slack channel](#) - Cory

How to promote eduroam for teachers/student use -[Stickers](#) and [Info Sheet](#) - group

Review update for student access of eduroam ([Case Study with Millard and Beaver](#)) - Cory/Jeff

Open discussion - group

Agenda for eduroam User Group - August 15, 2019

Review new eduroam [web site](#) - Amanda and Cory

Review [first phase](#) sites status - Cory, NOC and those in the first phase

Discuss the second phase of the project (next steps) - group discussion

SP sites (UTA, Airport, Capital, Libraries, etc.) update and next steps (ANYROAM update for on online tools and user agreement) - group and Philippe

TeleHealth? -Cory/Jeff

eduroam User Group Meeting



How to promote eduroam for teachers/student use, -I2 offering a WebEx to promote eduroam, Rural Schools conference and UCET, Stickers, etc. - group
I don't just roam I eduroam

Review update for student access of eduroam ([Case Study with Millard and Beaver](#)) - Cory/Jeff

Open discussion - group

Agenda for eduroam User Group - July 18, 2019

Review [first phase](#) sites status - Cory, NOC and those in the first phase

UETN will continue to work with those districts that have not stood up eduroam but we do have all first phase sites started and moving forward.

Discuss the second phase of the project (next steps) - group discussion

Please let Cory know if you know others that need to be placed on the second phase list or those that maybe don't want to implement in the second phase.

SP sites (UTA, USBE, Airport, Capital, Libraries, etc.) update and next steps (ANYROAM update for on online tools and user agreement) - group and Philippe

ANYROAM is working on other higher priorities and has put SP automation setup on the back burner since we don't have a waiting list for SP services at this point. ANYRAOM will be sending the SP/eduroam server to UETN by end of the month and it will be ready when we need it for SP sites. In the meantime, if we have requesting SP sites, UETN will send them directly to ANYRAOM.

eduroam User Group Meeting



No new SP type organizations were brought up or discussed in this meeting. If a member of the group has someone we can or should reach out to, please let Cory know.

Jeff and Kiera will meet with the SL City libraries to see if there's interest.

Once Grand District is set up, Cory will reach out the Moab City library as they have requested SP services.

Review of the Tech Summit eduroam Training - group and Mike

Lots of positive feedback on the training. Discussion on filtering was important and needed. We will plan to host eduroam training again at next year's tech summit. We will again collect needs before we plan the sessions.

How to promote eduroam for teachers/student use, -I2 offering a WebEx to promote eduroam, Rural Schools conference and UCET, Stickers, etc. - group

All agreed we need to promote eduroam, key details are:

- Promote to those that already have eduroam
- Short flyer to teachers and other educational staff (each district may need to customize the flyer)
- Promote USBE has eduroam
- WebEx training should be a training not just a promotion (show how to access and use eduroam) -do a needs assessment to determine training focus
- We need to move on the window stickers soon, maybe include UEN logo and other details, UETN will discuss and provide the details next meeting (Mike to see if he can find some ideas for us)
- We will continue this discussion but will move forward as we do.

eduroam User Group Meeting



Eduroam survey -Cory and Amanda

Eduroam survey will start to go out this Aug and will continue to be sent to districts that are reporting they have at least a few AP configured for eduroam and several user accessing eduroam. Please feel free to review and provide feedback on the survey. Huge thanks goes out to Amanda, Mike and the UETN team for their work on this survey.

Open discussion - group

Ran out of time, sorry.

Agenda for eduroam User Group - June 20, 2019

Review [first phase](#) sites status - Cory, NOC and those in the first phase

Discuss second phase of the project (next steps) - group discussion

SP sites (UTA, USBE, Airport, Capital, Libraries, etc.) update and next steps - group

DTS as SP?

How to promote eduroam for teachers/student use

Eduroam at UETN Tech Summit 2019 - Cory

eduroam User Group Meeting



- What is and Why eduroam – 30 minutes -UETN (me or Jeff)
- Wireless Access Points Configuration for eduroam Open Discussion (have district WiFi tech review their setup for Cisco, Ruckus, Aruba, etc.) – 1 hour – UETN to arrange
- Radius and Other Authentication Sources Configuration for eduroam Open Discussion (have district tech admins review their setup)– 1 hour – UETN to arrange
- I2 eduroam Pilot Project in Utah (this would be from your slides) – 30 minutes -I2
- Step-By-Step Guide for Setting Up eduroam for Utah Organizations (ANYROAM's documentation would be used here, the one we just reviewed) – 1-2 hour-I2/ANYROAM
- A Worldwide Review of eduroam Services – 30 minutes -I2/ANYROAM
- Using eduroam Configuration Assistant Tool (CAT) for Deploying and Supporting Devices – 30 minutes -I2/ANYROAM
- Filter Ideas for eduroam -1 hour UETN (Pete)
- SEDC's Implementation of eduroam (multiple Realms on Freeradius, iBoss integration, VLANs, etc.) – 1 hour Scott Harpster

Open discussion - group

Agenda for eduroam User Group - April 18, 2019

Review [first phase](#) sites status - Cory, NOC and those in the first phase

Discuss second phase of the project (next steps) - group discussion

eduroam User Group Meeting



SP site (USBE, Airport, Capital, Libraries, etc.) update and next steps - group

Eduroam at UETN Tech Summit 2019 - Cory

- What is and Why eduroam – 30 minutes -UETN (me or Jeff)
- Wireless Access Points Configuration for eduroam Open Discussion (have district WiFi tech review their setup for Cisco, Rukus, Aruba, etc.) – 1 hour – UETN to arrange
- Radius and Other Authentication Sources Configuration for eduroam Open Discussion (have district tech admins review their setup)– 1 hour – UETN to arrange
- I2 eduroam Pilot Project in Utah (this would be from your slides) – 30 minutes -I2
- Step-By-Step Guide for Setting Up eduroam for Utah Organizations (ANYROAM's documentation would be used here, the one we just reviewed) – 1-2 hour-I2/ANYROAM
- A Worldwide Review of eduroam Services – 30 minutes -I2/ANYROAM
- Using eduroam Configuration Assistant Tool (CAT) for Deploying and Supporting Devices – 30 minutes -I2/ANYROAM
- Filter Ideas for eduroam -1 hour UETN (Pete)
- SEDC's Implementation of eduroam (multiple Realms on Freeradius, iBoss integration, VLANs, etc.) – 1 hour Scott Harpster
- Other ideas or thoughts? Which topics from the list would you like to see covered? Which should we throw out?

Open discussion - group

Agenda for eduroam User Group - March 21, 2019

eduroam User Group Meeting



Discuss UETN contract with I2 - Cory/Jeff - Contract is in place and we will be updating it again for the second phase after we complete the first phase sites and as the current contract is completed.

Review [first phase](#) sites status - Cory, NOC and those in the first phase - We reviewed each site and the progress.

Discuss second phase of the project (next steps) - group discussion- We will continue to develop the second phase sites, each user group member should review and help provide insight on the sites for this second phase.

SP site (USB, Airport, Capital, Libraries, etc.) update and next steps - group - Cory will reach out to USBE before next meeting. Jeff and Barry will reach out to Hogle Zoo before next meeting. Each of us continue to look for eduroam public places to standup SPs (send Cory these possible locations)

[UETN eduroam page](#) - Cory -User group will let Cory know if they need items added to the site.

Eduroam at UETN Tech Summit 2019 - Cory - We will have a lot of breakout session on eduroam at the conference, please let Jeff or Cory know if you have topics/items for the breakout sessions.

Pilot LEAs Agreement - Cory - Cory will continue to collect this agreements from all pilot organizations.

Agenda for eduroam User Group - Dec 20th, 2018

Update on the Connector Agreement for Utah (getting close) - Next Steps - Jim

eduroam User Group Meeting



Update on LEA Participation Agreement - Dennis

Agenda for eduroam User Group - Nov 15th

Update on the Connector Agreement for Utah - Next Steps - Jim

Discussion on rolling out SP statewide (automation tools for IdP and SP) - Philippe
the current prototype - <https://www.eduroam.us/peer/eduroam>

Oct 18

Update on the Connector Agreement for Utah - Next Steps - Jim

Discussion on rolling out SP statewide (automation tools for IdP and SP) - Philippe
the current prototype - <https://www.eduroam.us/peer/eduroam>

Update on UTA, IHC, Libraries, Capital and other SPs coming up board - group

September 20th

Update on the Connector Agreement for Utah - Next Steps - Jim and Cory

Discussion on rolling out SP statewide (automation tools for IdP and SP) - Philippe
the current prototype - <https://www.eduroam.us/peer/eduroam>

eduroam is changing the IP addresses of the top level radius servers in November - The new addresses are available for use now, and the old addresses need to remain in place until mid-November when incoming requests are moved to the new servers. All registered admins

eduroam User Group Meeting



should have received notification earlier this week via the mailing lists. If anyone did not receive this notification they need to get on the mailing list. Failure to add the new addresses to firewalls and radius configuration will result in authentication failure.

Update on UTA, IHC, Libraries, Capital and other SPs coming up board - group

August 16 at 2:30pm

Update on the Connector Agreement for Utah - Next Steps - Jim and Cory

Discussion on rolling out SP statewide (automation tools for IdP and SP) - Philippe to review the current prototype - <https://www.eduroam.us/peer/eduroam>

Discussing and reviewing centralized vs distributed models looking at affordability, Anycast possibilities, package installer, etc.) - Philippe

Update on UTA, IHC, Libraries, Capital and other SPs coming up board - group

Agenda for eduroam User Group - July 19 at 2:30pm

Update on the Connector Agreement for Utah - Next Steps - Jim and Cory

No news at this point but we hope to have something in place by the end of Aug

Discussion on rolling out SP statewide (available tools) - Philippe and Jim

Still plan for the end of summer

eduroam User Group Meeting



“We expect to have by the end of the summer a semi-automated SP-only procedure. We had developed one in the past but never implemented it since there was no demand. We will re-activate the procedure (it is step by step online instructions connected with each other including AUP acceptance). Once we have the working prototype we will ask for a few of the Utah locations to volunteer to test.

In summary: end of Summer for a working prototype”

During our call I will be in the mountains of North Carolina without any network access.

Reacting to the Agenda: We are still on track to have an automated SP-only registration by the end of the summer.

You can see our current prototype at <https://www.eduroam.us/peer/eduroam> (step 5 should read SP rather than IDP, and we are working on adding an agreement page in the mix).

Update on UTA, IHC, Libraries, Capital and other SPs coming up board - group

UTA is waiting for firmware updates for their hardware.

Jeff and Kiera will follow-up on Libraries

Agenda for eduroam User Group - June 21 at 2:30pm

Update on the Connector Agreement for Utah - Next Steps - Jim and Cory

Discussion on rolling out SP statewide (available tools) - Philippe and Jim

“We expect to have by the end of the summer a semi-automated SP-only procedure. We had developed one in the past but never implemented it since there was no demand. We will re-activate the procedure (it is step by step online instructions connected with each other including AUP acceptance). Once we have the working prototype we will ask for a few of the Utah locations to volunteer to test.

eduroam User Group Meeting



In summary: end of Summer for a working prototype"

Update on UTA, IHC, Libraries, Capital and other SPs coming up board - group

Update on USHE - Board of Regents and Staff - Jeff and Cory

Agenda for eduroam User Group - May 17 at 2:30pm

Update on the Connect Agreement - [Review and provide feedback to the I2 Business Assumption Document](#)

Agenda for eduroam User Group - April 19 at 2:30pm

Update Connector Agreement with I2 - Jim/Cory

[Update on sites](#) - Companies-Barry, Capital-Jim, USHE (all members have an account?)-Jeff, UTA-Terrie/Cory, IHC-Barry, SLC libraries -Kiera and Jeff (only working on SP non-educational locations at this point)

Discussion on Proxy Filtering/Cat tool development - Update from Philippe

eduroam as a service for K-12, what do you all need? -We are trying to establish requirements that schools would need if we run eduroam as a service supporting SAML and OAuth. -Philippe

Agenda for eduroam User Group - March 22 at 2:30pm

eduroam User Group Meeting



Update Connector Agreement with I2 - Jim/Cory

Update on configuration/cert to try on IOS devices for filtering - Pete

[Update on sites](#) - Capital, USHE, UTA, IHC, SLC libraries (only working on SP non-educational locations at this point)

Discussion on Proxy Filtering/Cat tool development - Update from Philippe

Agenda for eduroam User Group - Feb. 22 at 2:30pm

Update Connector Agreement with I2 - Jim

[Internet Filter/Proxy lists](#) - Jared H.

[AnyRoam](#) Overview - Philippe

[Filtering Chromebooks Docs](#) - Pete, Scot and Josh

Update on configuration/cert for Jason to try on his IOS device for filtering - Pete

[Update on sites](#) - Capital, USHE, UTA, IHC, SLC libraries (only working on SP non-educational locations at this point)

Discussion on Proxy Filtering - Philippe

Cat tool development - Update from Philippe

Discussion on [eduroam pilot lessons learned](#) (Draft) - Cory and Barry

eduroam User Group Meeting



Action items for the Agenda - Jan. 18 at 2:30pm

Update on filtering solutions and best practices document (teachers vs student filtering, district vs BYOD, AUP responsibilities, UETN role, etc.)- Pete, SEDC, group

- Pete is meeting with the SEDC office staff next Monday to work on the best practices documentation
- The group discussed filter in some detail, we came to the conclusion this really is a district or LEA issue and UETN will help support this by providing documents and sharing best practices.
- For teachers using eduroam credentials on a personal device, this should be handled through an AUP.
- We need to simplify the Connector Agreement with very general and short statements. (cut the size down)
- Districts are not looking to provide eduroam to their students at this point (teachers and staff first)
- We will need to educate users of eduroam (tied to the AUP)

Update on configuration/cert for Jason to try on his IOS device for filtering - Pete

- Pete will work with Jason this next week (things have been on hold, waiting for the connector agreement)

Update on connector agreement - Jim and Dennis

eduroam User Group Meeting



- Dennis, Cory, Jeff and legal are working on the next draft of the agreement, we have a meeting tomorrow to work through the document and get it ready to send back to I2 asap. We hope we can work out the details that will allow UETN to be the Connector for the entire state. Each LEAs would then enter into an agreement with UETN. We are hoping to have this completed in the next month or so (it's slow process but things are moving forward). Jim and UETN staff is pushing hard to see this through.

Cat tool development - Update from Philippe

- Philippe is pushing to have the forced proxy feature developed, he has asked the status but is waiting to hear back from the developer. No time line but it's out a ways (they have the funding for the development but no resources for this to be done soon).

Update and discuss eduroam sites ([Current sites](#)) (status on adding sites) - group

- Added Jim to the Airport site task (he will work with Jeff to see if they can contact someone there)
- Added the State Capitol as an SP to the list site and assigned to Jim
- SL County libraries have been added to the list
- See the spreadsheet for other updates (thanks for everyone input)
- Need to schedule a time to meet with Jim and Philippe on SP role out

Next Meeting Feb. ? (15th is not going to work)

Feb 22 at 2:30pm (I'll send a calendar invite)

Agenda for eduroam User Group - Jan. 18 at 2:30pm

1. Update on filtering solutions and best practices document (teachers vs student filtering, district vs BYOD, AUP responsibilities, UETN role, etc.)- Pete, SEDC, group
2. Update on configuration/cert for Jason to try on his IOS device for filtering - Pete

eduroam User Group Meeting



3. Update on connector agreement - Jim and Dennis
4. Cat tool development - Update from Philippe
5. Update and discuss eduroam sites ([Current sites](#)) (status on adding sites) - group
6. Other items?

Next Meeting Feb. ? (15th is not going to work) Feb 22 at 2:30pm

Cory's WebEx Room Link:

<https://uen.webex.com/meet/cstokes>

Cory's WebEx Dial-in (if you are not at a computer)

+1-415-655-0002 US Toll

806 030 821 Access code or just click:

4156550002,,806030821#

Agenda for eduroam User Group - Nov. 16 at 2:30pm

[Current sites:](#)

Murray and Logan District has moved their implementation to the Christmas break (no update needed)

eduroam User Group Meeting



Cache district will move on connecting their directory to eduroam over the next couple of weeks - Update from Alan

San Juan district timeline is for implementation - Update from Aaron

Registration for Beaver, Kane and Garfield - Update from Cory

Scott is working with Kevin in Millard to bring on IdP services - Update from Scott and Kevin

Work with Snow College on their implementation (need to review connector agreement for Colleges that are not part of I2) - Update from Cory

SUU - Update from Scott and Jeff

USBE status - Update from Cory

New sites:

UTA SP setup - Update from Terrie/Cory

USHE - Jeff will update

Airport - Jeff will update

Iron and Wash - Update from Cory

Weber and Nebo - Update from Cory

SL County Libraries - Update from Kiera

SLC Libraries - Update from Jeff

Salt Lake District - Update from Cory

Other Action Items:

Jim to review the connector agreements from I2

eduroam User Group Meeting



Configuration/cert for Jason to try on his IOS device for filtering - Update from Pete

Pete, Barry, Scott and Josh and I will work on a best practices document for filtering (how best to provide filtering) Update from the group
Update on registration process

Cat tool development - Update from Philippe

SP site registration and agreement - Update from Philippe

Ports Needed

UETN user accounts discussion - Cory and John

Next Meeting:
Jan 18 at 2:30PM

Cory's WebEx Room Link:
<https://uen.webex.com/meet/cstokes>

Cory's WebEx Dial-in (if you are not at a computer)
+1-415-655-0002 US Toll
806 030 821 Access code or just click:
4156550002,,806030821#

eduroam User Group Meeting



Agenda Items for Oct. 19 2017 Meeting

Review the Site Matrix (please plan to provide status update for your own organization)

Updates on New Sites (not on the matrix yet)-

USHE - Jeff

Airport - Jeff

Iron/Washington - Cory/Scott

Weber District -Cory

Nebo District -Cory

SLC Libraries - Kiera and Barry

IHC - Barry

Other Action Items:

I2 and eduroam statewide contract update - Ji

Filleting update for SEDC, Logan and Murray Districts - Pete

Forced Proxy Configuration Tools - Philippe

UETN User Accounts Plan

Next Meeting

Nov 16 at 2:30 PM