

LOUISIANA DEPARTMENT OF EDUCATION



Education Technology Monthly Call

March 25, 2021



PPT Download: <https://bit.ly/EdTechMar2021>

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Agenda

- [Educational Technology](#)
- [Educator Development](#)
- [Assessments](#)
- [E-Rate](#)
- [Cybersecurity](#)
- [Important Reminders / Call Summary](#)

Suggested participants
for this call:

- Chief Technology Officers
- Information Technology Staff
- E-Rate Coordinators
- Privacy Coordinators
- Digital or Virtual Learning Staff

Believe to Achieve

The Department recently released [Believe to Achieve: Educational Priorities](#). This priorities plan serves as the Department's roadmap to improving outcomes for all Louisiana children.

Believe to Achieve includes the Department's new belief statements, state data to help track progress toward Louisiana's six critical goals, and the new priorities that will direct the LDOE's efforts as they work toward achieving the critical goals. Each priority outlines focus areas for the key actions and initiatives.

ACCESS

Believe to Achieve

Achieve! Launch

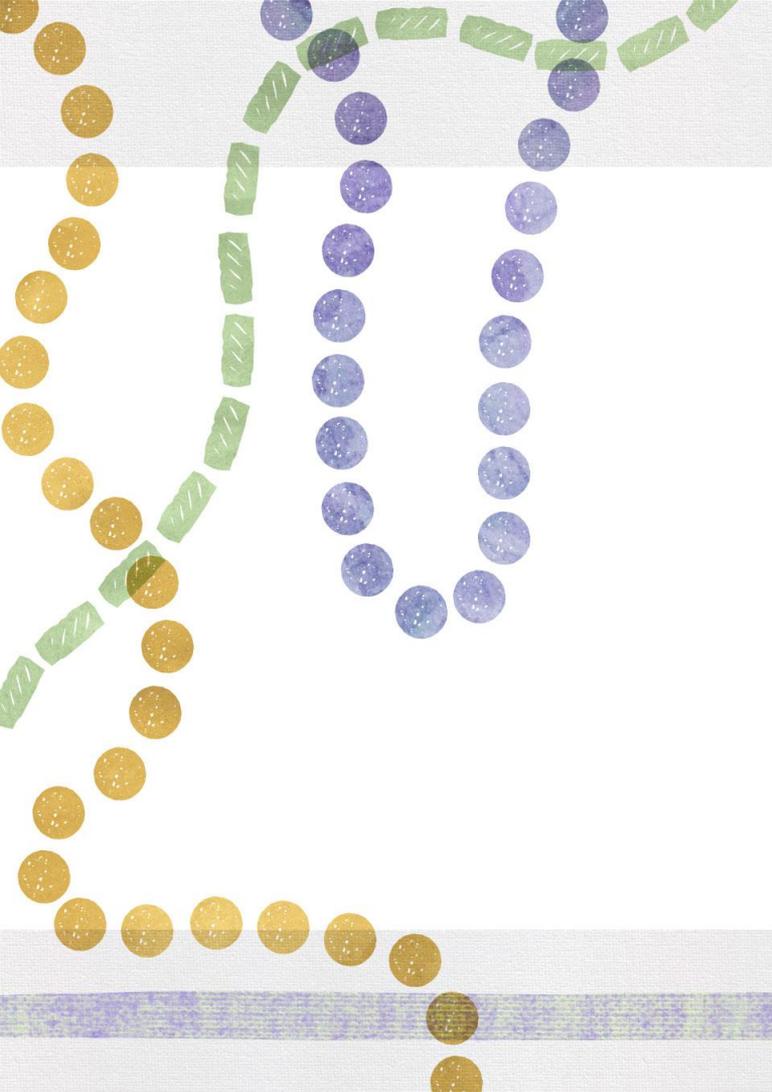
Last year the Department released [Strong Start 2020](#), which included planning guidance and resources, along with a specific application in eGMS, for school systems to plan and budget CARES Act funds.

This year, the Department will release *Achieve!* to support school systems with planning for and budgeting new funds under the [Consolidated Appropriations Act, 2021 \(CAA\)](#).

Once the application and allocations become available in eGMS, the Department will host the *Achieve!* Launch webinar on [March 30 at 3:45 p.m.](#), providing school systems with pertinent information for creating their budgets in alignment with the priorities and focus areas outlined in [Believe to Achieve: Louisiana's Educational Priorities](#).

School systems will also have access to an *Achieve!* resource library through the [Louisiana Believes website](#).





Educational Technology

Chromebook Allotment - Report

All 23,000 chromebooks have been distributed. Thank you to Carol Mosley, Bert Stone, and Caroline Porche for weeks of work in the warehouse and to the school systems who made this a success.

Google Chrome Management Licenses

- All orders have been processed. If you haven't received your licenses please email EdTech@la.gov.

Absolute Resilience

- All Chromebooks came with a 3 year subscription to Absolute Resilience.
- Resilience provides device tracking and management as well as recovery services should the device go missing.
- Russell Welton with Absolute will be contacting you to schedule a meeting to activate your licenses and provide training.
- Russell's contact information is provided below if you have any questions.

Russell Welton

T: 1-604-628-5091 | M: 206-518-1881

Email: rwelton@absolute.com

Please contact edtech@la.gov with questions.

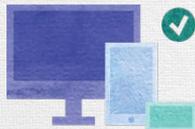
School Reopening Dashboard

REMINDER: Please continue to update your school system's data as it relates to the [School Reopening Dashboard](#). This includes information on device, broadband and student's modes of learning.

Data coordinators will submit modality information via Sponsorsite (SPS), and technology director's can submit both device and connectivity data via the [TRT spreadsheets](#).

SCHOOL REOPENING DASHBOARD*

**These links can only be accessed via Chrome.*



DEVICES



CONNECTIVITY



DLM – SCHOOLS



DLM – SCHOOL SYSTEMS

Summer & Fall TRT Collection & Federal Reporting

School systems should begin planning to update their device, broadband and home connectivity data collections and submissions. As well as clean up any data that has changed since submitting in January.

Reporting includes:

- **ALL** devices (desktops, laptops, iPads) for teachers, students and administrators
- Which funding source the device was purchased from (GEERS, ESSER, ESSER2, etc..) not just by broad funding source (CARES, CARES2 and ARP)
- Home internet access (collected at the school-level to roll-up to system level)
 - By grade level, does each student have access to *reliable* broadband internet at home or not?
 - Is the school providing internet services for the student at home? If yes, what service is being provided, which funding source and what is the grade level of student?
 - If the student does not have access, is it because there is no internet service provider or limited/unreliable services?
- Community/Off-campus Internet access
 - Is the school/school system providing access? If yes, what type of service is being provided and which funding source?

New Broadband Development Office

The Governor has established a new Broadband Office with the Division of Administration to improve both the adoption and availability of broadband service for Louisiana residents. Veneeth Iyengar has been hired as the first Executive Director of Broadband Development and Connectivity for the state and he will serve as the lead coordinator for the state's efforts to addressing the challenges around broadband accessibility and affordability.

LDOE will be working closely with the Broadband Office and the Office of Technology Services to address home internet access needs of our students as well as providing monthly reports to BESE on progress.

Premier Ordering Pages for School Systems

We are working with a number of providers to create Premier Ordering Pages that include all discounted rates on devices, accessories and software for Louisiana Schools based on our State Contracts. To finalize setup of these online ordering sites we need to collect the following information from all school systems:

- System Contact Name
- System Contact Phone Number
- System Contact Email
- Billing Address
- Shipping Address

The goal is to have each primary IT contact setup in the system, and then we can add others within your school system who may need to access the system.

Please submit the above information in the google form linked [here](#).

GEERF Funding

The deadline to spend/request reimbursements of GEERF funding is rapidly approaching. The deadline is May 24, 2021. At this time, many districts have not requested or utilized their full allocation. The operations office has requested we provide an updated list of school systems who have ordered but not received their devices and therefore have not requested reimbursements. If your system is still awaiting devices or other items being purchased with GEEF funding, please complete the form linked [here](#).

If your school system is just waiting to submit a reimbursement request, we strongly encourage you to file the appropriate paperwork as soon as possible.

Education Broadband Benefit (EBB) Program

EBB will provide a discount of up to \$50 per month towards broadband service for eligible households and up to \$75 per month for those on Tribal lands. Eligible households can also receive a one-time discount of up to \$100 to purchase a laptop, desktop, or tablet from participating providers if they contribute \$10-\$50 toward the purchase price.

Household Eligibility:

At least one family member residing at an address:

- Qualifies for the [Lifeline program](#), including those who are on Medicaid or receive SNAP benefits;
- Student receives benefits under the free and reduced-price school lunch program, the school breakfast program, the Community Eligibility Provision, or did so in the 2019-2020 school year;
- Experienced a substantial loss of income since February 29, 2020, and the household had a total income in 2020 below \$99,000 for single filers and \$198,000 for joint filers;
- Received a Federal Pell Grant in the current award year; or
- Meets the eligibility criteria for a participating provider's existing low-income or COVID-19 program.

School Eligibility:

- Purchasing services on behalf of an eligible household member (student) and
- an arrangement has been entered with the household to provide broadband services to an eligible student

Education Broadband Benefit (EBB) Program

How to Enroll:

- Households can either enroll through participating broadband providers or directly with the Universal Service Administrative Company (USAC).
- School will need to enroll through their participating broadband provider.

Participating Providers:

- TBA – Mid/Late April 2021

Funding Availability:

- Enrollment should open Mid/Late April 2021 and expires 6 months after the date on which the Secretary of Health and Human Services determines the COVID-19 emergency has ended.

American Rescue Plan Act: Emergency Connectivity Fund (ECF)

The FCC is currently taking [comments](#) on how to implement the new \$7.1 billion ECF program. Initial comments are due April 5th and reply comments are due April 23rd.

- **Eligible Recipients:** Public schools, non-public schools, libraries and consortiums
- **Eligible Expenses:** Reimbursement of up to 100% of the costs associated with the purchase of eligible equipment and advanced telecommunications/ information services, including Wi-Fi hotspots, modems, routers, devices that combine a modem and router, and connected devices.

Note: The FCC has the right to place limitations of reasonableness with respect to the request by the school or library for the reimbursement.

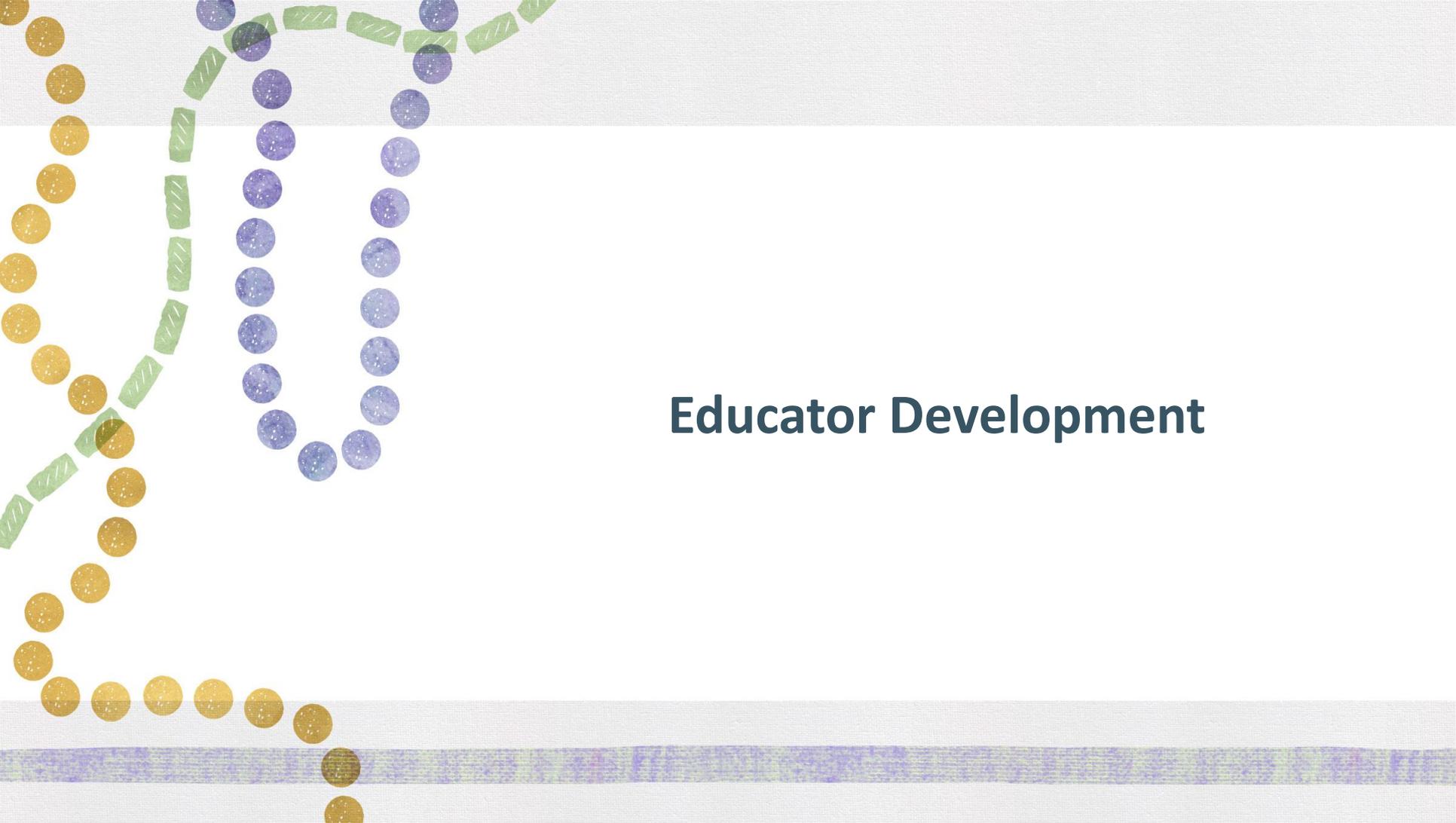
- **Period of Funds Availability:** Purchases must be made prior to June 30th, 1 year after the date on which the Secretary of Health and Human Services determines the COVID-19 emergency has ended. Funds will remain available until September 30, 2030
- **How to apply and participating providers:** TBA

FCC ECF Questions

- Funds distribution: What rules should the FCC adopt to distribute funding most efficiently and effectively (more on this later)?
- Program goals and assessment: Should the FCC adopt “specific broadband adoption goals for students, school staff, and library patrons?” What assessment data is available to establish a baseline against which to measure the impact of ECF?
- Applicant eligibility: Are there any entities besides traditional E-rate applicants that should be eligible for ECF funding? What restrictions, if any, should be placed on off-campus locations?
- Product and service eligibility: The Public Notice defines Wi-Fi hotspots, modems and/or routers, connected devices, and advanced telecom and information services as eligible. What other products or services need to be made eligible? Do connected devices need to support video conferencing or be accessible to persons with disabilities? Is it correct to exclude mobile phones, dark fiber, and self-provisioned networks? Must equipment and services be used primarily for “educational purposes?” Should funding for eligible products and services be retroactive? Schools and libraries might like to fund facilities providing broader off-campus services — e.g., LTE networks — that could provide post-pandemic residential services, hopefully without requiring cost-allocations of on-campus internet services.
- Should the FCC require competitive bidding and, if so, to what degree? How would the FCC determine the “reasonable” cost of products and services?

FCC ECF Questions

- The FCC proposes to leverage the use of current E-rate forms to process ECF applications. “Do commenters agree or have any concerns with this approach?”
- How should the FCC prioritize funding if total requests exceed the program’s \$7 billion cap? In that event, the FCC proposes to “issue funding decision letters starting with the schools and libraries eligible for the highest discount percentage,” much as it had last done with limited Priority 2 funding. What are the advantages or disadvantages of alternative mechanisms?
- How should invoicing be handled? The FCC is proposing that only the BEAR reimbursement process be used, eliminating service provider discounted billing (i.e., the SPI process).
- How should eligible ECF-funded equipment be treated after the COVID-19 emergency period?
- What is the applicability of the Children’s Internet Protection Act (“CIPA”) to ECF-funded products and services? If CIPA compliance is required, should “a CIPA certification made in the traditional E-Rate Program suffice?”
- How can the FCC best ensure the integrity of ECF, protecting the fund against waste, fraud, and abuse? The FCC proposes to adopt the same document retention requirements of the current E-rate program. Should service providers be required to “report and validate usage of the supported services?” How should existing E-rate gift rules be applied for ECF purposes?
- How may the FCC “impose administrative forfeitures and other penalties on program participants found to be in violation of the program rules and requirements?”



Educator Development



DO NOW

Teacher Leader Summit



Registration for the in-person Teacher Leader Summit is underway. The regular registration window runs **March 2 - April 12**.

- All access codes turn off on April 13 preventing further registration.
 - Should unused allocated seats remain, the Department may open a first come, first served registration.
 - Educators should stay tuned to the Department newsletters for more information.
- The session schedule and app will be released to early bird ticket holders on April 7 and on April 9 to regular registration ticket holders.
 - Google and Yahoo! send the communications from Sched to SPAM/Junk folders. Be sure to check there.

Please contact LDOEEvents@la.gov for more information.



IN THE FUTURE

Teacher Leader Summit: The Virtual Series

To maximize the [delivery of content](#) and educator development, The Teacher Leader Summit: The Virtual Series will take place from June 1 - 11, and sessions will be accessed remotely. The format will be similar to the Virtual Series offered during Spring 2020.

- There will be a max overall registration limitation of 8,000.
- The Department is not allocating seats. Registration will be on a first come, first served basis.
- Paid ticket holders of the Teacher Leader Summit in-person event will receive an access code allowing them to register for and participate in the Virtual Series at no additional cost.
 - Each code will be one-time use and must be used only by the original ticket holder. Codes are not transferable.



IN THE FUTURE

Teacher Leader Summit: The Virtual Series

Registration for the Teacher Leader Summit: The Virtual Series will open in April. Tickets are inclusive of all days of the event.

Ticket Type	Purchasing Window	Ticket Price
Early Bird Registration	April 1 - 25	\$50.00
Regular Registration	April 26 - sell out	\$65.00

The session schedule and app will be released to early bird ticket holders on May 10 and May 12 for regular registrants. Please contact LDOEvents@la.gov with questions.



Assessments

Updated Testing Content for LEAP 2025

District Technology Coordinators should ensure all LEAP 2025 content is downloaded. The steps for updating content in Central Office Service Devices (COS) are included below:

**la.drctdirect.com>sign-in>my applications>central office services>testing program>site
>content management>LEAP Connect TTS/HVA>update configuration**

Please note that during the 2021-2022 school year DRC will automatically push content to the COS.

Testing Device Specifications for 2021-2022

Supported Operating Systems	Supported Hardware Devices	Screen Size	Processor	HDD Space	Memory	Resolution
Windows 8.1 Windows 10 Semi-Annual Channel servicing options (1)(2) Windows 10 in S mode Windows Server 2012 R2 Windows Server 2016 Windows Server 2019	Touch and non-touch screen devices	9.5”+	Intel 6 th Generation Product Family or Greater OR AMD equivalent processor	20 GB or larger	4+ GB RAM	1024x768 or greater
MacOS MacOS 10.14 MacOS 10.15 MacOS 11.x	Non-touch screen devices only		N/A			
Chrome OS* Chrome OS latest stable channel version	Touch and non-touch screen devices		N/A	N/A		
Apple iPadOS iPadOS 13.x iPadOS 14.x	iPad (5th, 6th, 7th and 8th Gen) iPad Air (3rd and 4th Gen), iPad Air 2, iPad Pro 9.7-inch, iPad Pro 10.5-inch, iPad Pro 11-inch (1st and 2nd Gen) iPad Pro 12.9-inch (1st, 2nd, 3rd and 4 th Gen)	9.7”+	N/A	N/A	N/A	

DRC Central Office (Content Caching Server) Requirements for 2021-2022

Supported Devices	Number of Concurrent Testers	Processor	Memory	Minimum Available LAN Bandwidth	Unused Disk Space
64-bit Windows, desktop, laptop, and server devices	Up to 450	Dual-core i5 at 2.4 GHz or equivalent	4GB RAM	200 Mbps	20 GB or more
	Up to 900	2x Dual-core i5 at 2.4 GHz or equivalent		400 Mbps	
	Over 900	4x Dual-core i5 at 2.4 GHz or equivalent	8 GB RAM	800 Mbps	
64-bit MAC OS, desktop, laptop, and server devices	Up to 400	Dual-core i5 at 2.4 GHz or equivalent	4GB RAM	200 Mbps	
	Up to 900	2x Dual-core i5 at 2.4 GHz or equivalent	16 GB RAM	400 Mbps	

ELPT Headset

LDOE has negotiated cooperative discounted pricing for headphones which meet testing standards. Pricing and devices are included in the table below. In order for a district to receive the pre-negotiated discount pricing, districts will need to use the following process:

1. Determine quantity needed and which item to be purchased.
2. Create a purchase order to Dell Marketing (Customer Agreement # 4400002525, Contract # C000000010742)
3. Purchase orders should be scanned and emailed to EdTech@la.gov.
4. The Office of Technology services will submit the district purchase order to Dell under the cooperative pricing agreement.
5. Orders will be shipped and billed to the district.

Product	SKU	Unit Price
Logitech H151 Stereo Headset	A8405893	\$12.99
Logitech USB Headset H390	A6664378	\$23.99
Logitech H111 Stereo Headset	A8419917	\$9.74

E-Rate



E-Rate Updates

FORM 471 FILING DEADLINE TODAY at 11:59 p.m. EDT.

If your school system forgot to file a Form 470 and/or needs to file a late Form 471 to meet bidding and program requirements, you can do so; however, you will also need to file a waiver with the FCC asking them to waive the filing deadline for your application. The FCC has been accommodating in the past year, especially in light of COVID-19 but I would not wait any longer than absolutely necessary. You will be required to provide a reasonable explanation on why you are requesting the waiver.

Note: If an applicant is purchasing a commercially available, high-speed business-class internet service that meets ALL of the requirements listed in the [Exemption from Filing an FCC Form 470](#) guidance document on the USAC website, a Form 470 is not required to be filed and the applicant can move forward with filing a Form 471.

Non-public School E-Rate Validations

For FY 21, PIA has begun reaching out to verify the discount levels of all schools. The State provides a master validation list of all public schools yearly, but is now being asked to also include data for all non-publics schools as well. The EdTech team will be reaching out to to all non-public schools who applied for FY 21 E-Rate funding to verify thier student and free/reduced lunch counts. Please be on the lookout for for these emails and respond by the deadline.

We are asking all non-public schools to respond by April 16, 2021 on the form linked [here](#).

Data needed for USAC Validation:

School System Sitecode	School System Name	School Sitecode	School Name	E-Rate BEN	Tota Full-time Students	Total NSLP (free and reduced lunch) Students
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SETDA E-Rate Training Sessions

SETDA has launched the new [E-Rate Training Series: Ask the State Experts](#). These trainings are designed to support and train school, district, consortium and library leaders on the E-Rate application process. A single Fall or Winter session will cost \$99 or \$150 for both sessions. Participants will have access to the session archives after the events.

The format of the trainings will be 90-minute online, interactive sessions running monthly through April, 2021. These trainings will be conducted by state leaders from [SETDA's E-Rate Collaborative](#), a subset of the [SETDA](#) membership, who are subject matter experts on the topic of E-Rate. Registration and additional details are available [online](#).

LDOE will offer E-Rate Office Hours to answer Louisiana specific questions for applicants during the normal scheduled Office Hours for Education Technology or can set up an individual/group meeting by contacting ERate@la.gov.

Winter Session (\$99)

Jan 7

- Form 471 Category 2 (video access)
- Form 471 Category 1 (video access)

Feb 11

- Changes: RAL, Service Substitutions, SPIN Changes
- Questions and Review, PIA interaction, Audits

April 1

- Post Commitment, Document Retention, Appeals
- Forms 486 & 472

Cybersecurity



IPs of Interest / Scan & Exploit IPs

Below is a list of IP addresses and domains associated with malware observed by MS-ISAC. School systems should take appropriate action to block known malware sites.

[IPs & Domains of Interest 2021-03-15 to 2021-03-21](#)

[IPs & Domains of Interest 2021-03-08 to 2021-03-14](#)

[IPs & Domains of Interest 2021-03-01 to 2021-03-07](#)

[IPs & Domains of Interest 2021-02-22 to 2021-02-28](#)

[Scan & Exploit IPs 2021-02-01 to 2021-02-28](#)

Cyber Advisories and Alerts

Cyber Advisories and Alerts:

- AA21-076A: [TrickBot Malware](#)
- MS-ISAC Advisory # 2021-035: [Multiple Vulnerabilities in F5 BIG-IP and BIG-IQ Products Could Allow for Arbitrary Code Execution](#)
- MS-ISAC Advisory # 2021-033: [Multiple Vulnerabilities in Adobe Products Could Allow for Arbitrary Code Execution](#)
- MS-ISAC Advisory # 2021-032: [Critical Patches Issued for Microsoft Products](#)
- MS-ISAC Advisory # 2021-029: [Multiple Vulnerabilities in Google Android OS Could Allow for Remote Code Execution](#)
- MS-ISAC Advisory # 2021-031: [Multiple Vulnerabilities in Google Chrome Could Allow for Arbitrary Code Execution](#)
- MS-ISAC Advisory # 2021-028: [Multiple Vulnerabilities in Mozilla Firefox and Thunderbird Could Allow for Arbitrary Code Execution](#)

Mamba & PYSA Ransomware

FBI has observed an increase in ransomware attacks targeting K-12 institutions and released information on two variants that are actively being deployed.

Mamba:

- Uses the open source encryption software DiskCryptor to encrypt the entire drive including the operating system.
- If your school doesn't use DiskCryptor, it is recommended the application be added to your execution blacklist.
- Additional details and recommended mitigations are provided in [FBI FLASH Alert](#).

Mamba & PYSA Ransomware (cont.)

PYSA Ransomware:

- Malware is used to exfiltrate data from the victim's computer before encrypting data.
- Exfiltrated data is used as leverage to elicit ransom payments from victim.
- Cyber actors are targeting K-12 schools using PYSA ransomware.
- Additional details and recommended mitigations are provided in [FBI FLASH Alert](#).

MS Exchange Vulnerability

On March 2nd, Microsoft released fixes for multiple zero-day exploits in Exchange. Malicious actors are actively targeting unpatched Exchange servers to gain access to networks. Once inside they can steal information, encrypt files for ransom, or launch a destructive attack.

Since exploitation of these vulnerabilities is widespread, school systems hosting MS Exchange servers should immediately [review the Exchange Vulnerability Mitigation document](#) and implement the recommended actions.

The Center of Internet Security has also published the [Microsoft Exchange Zero-Day Vulnerability Response](#) webpage with additional information and mitigation steps.

Please email EdTech@la.gov if your school system is impacted.

Netop Vision Pro Vulnerabilities

Critical vulnerabilities have been identified in the Netop Vision Pro classroom monitoring solution.

- CVE-2021-27192, CVE-2021-27193, CVE-2021-27194 and CVE-2021-27195
- Attacker can exploit vulnerabilities to gain full and unfettered access to a student's computer.
- Update clients to latest software release (v. 9.7.2)
- Additional information and mitigation tips are available [here](#).

Security Workshop

In collaboration with CDWG, LDOE will be offering a security workshop for school system teams on April 13 from 9am-noon. Teams can include IT professionals, budget staff, and administrators. The workshop will focus on developing budgets, plans and implementing security goals.

To sign up for this event, click [here](#).

Call Summary



2020-2021 Education Technology Office Hours Dates

The chart lists the details for accessing upcoming Education Technology Office Hours. The entire calendar is located in the [2020-2021 School System Support Calendar](#).

Education Technology Office Hours	
Webinar Dates	<ul style="list-style-type: none">• Apr 8, 2021, 09:00 AM• May 13, 2021 09:00 AM• June 10, 2021 09:00 AM• July 8, 2021 09:00 AM• August 12, 2021 09:00 AM• September 9, 2021 09:00 AM• October 14, 2021 09:00 AM
Webinar Link	https://ldoe.zoom.us/j/99359711182?pwd=K0FLU1dqT0liT1BVREdZ HhtQStXdz09
Phone Number & Passcode	1.470.381.2552 Phone Bridge Passcode: 076711508
Meeting ID	Meeting ID: 993 5971 1182 Password for Webinar: 2020-202!

2020-2021 Education Technology Webinar Dates

The chart lists the details for accessing upcoming Education Technology Monthly Calls. The entire calendar is located in the [2020-2021 School System Support Calendar](#).

Education Technology Monthly Calls	
Webinar Dates	<ul style="list-style-type: none">• Apr 22, 2021 09:00 AM• May 27, 2021 09:00 AM• June 24, 2021 09:00 AM• July 22, 2021 09:00 AM• August 26, 2021 09:00 AM• September 23, 2021 09:00 AM• October 28, 2021 09:00 AM
Webinar Link	https://ldoe.zoom.us/j/575223228?pwd=NDNIN01SS3c0Rk4wV25aNkZhTEc2Zz09
Phone Number	1-301-715-8592
Meeting ID	Meeting ID: 575 223 228 Password: 2020-2021

Call Summary

Monthly Calls

- [Assessment and Accountability Monthly Call](#): April 13
- [BESE Authorized Charter School Monthly Call](#): April 14
- [Charter Authorizers Monthly Call](#): April 14
- [Federal Support and Grantee Relations Monthly Call](#): April 15
- [Career and College Readiness Monthly Call](#): April 15
- [Roundtable for System Leaders](#): April 16
- [Legislative and Policy Support Monthly Call](#): April 19
- [Student Well-Being Monthly Call](#): April 21
- [Nonpublic Monthly Call](#): April 21
- [Academic Content and Educator Development Monthly Call](#): April 28
- [AE Leadership Community of Practice Monthly Call](#): April 28
- [Nutrition Support Monthly Call](#): May 6
- [System Leaders Monthly Call](#): March 26 and May 7
- [SPED Leader Monthly Call](#): April 1 and May 13
- [Data Coordinator Monthly Call](#): April 1 and May 20
- [Education Technology Monthly Call](#): April and May 22

Reference the [2020-2021 School System Support Calendar](#) or [weekly newsletter](#) for additional information.

Thank you for joining today's call.

Schedules, access links, and information for the Department's webinars can be found in the [LDOE Weekly Newsletter](#) and [2020-2021 School System Support Calendar](#).

Helpful Links

- [Louisiana Believes Homepage](#)
- [School Improvement Library](#)

Support Toolboxes

- [Teacher](#)
- [System](#)
- [Principal](#)
- [Counselor](#)



Thank you for attending.

