Purpose of ETLN

Bring together district technology leaders to:

Share successes
Explore challenges
Discuss needs
Build a network of ongoing support
Introductions

*Name

*District/Organization
Focus Areas 2016 Fall Meeting

* EverFi: K-12 Online Critical Skills Courses
* Every Student Succeeds Acts (ESSA)
* Implementation of New ISTE Standards in Your District
* LACOE Infrastructure: Digital Resource Support
* ITO Updates
  * Digital Citizenship Week
  * LEC Admin
  * IDEAL
  * Educational Passport System
* Open Forum
* Looking Ahead...
EverFi: K-12 Online Critical Skills Courses

Michelle Decker
School Manager
EverFi
Every Student Succeeds Act (ESSA)

Danielle Mitchell
Assistant Director
Curriculum & Instruction
BREAK...

(15 mins)
Implementing the *New* ISTE Standards in Your District
Implementing the New ISTE Standards in Your District.
ISTE NETS-S1-3

Empowered Learner

Digital Citizen

Knowledge Constructor
ISTE NETS-S, #4-7

Innovative Designer
Computational Thinker
Creative Communicator
Global Collaborator
Projects to Address the New NETS-S

Example: Tomato Physics [Coding in Tynker].

What are some other examples of projects that address many of the new NETS for Students?

Optional: Post ideas to this linoit. (4 Minutes)

http://tinyurl.com/etln10-7
Selected Project Updates

1. WAN/LAN Upgrades
2. Wi-Fi Upgrades
3. CA-ID for LA County
4. Q&A
WAN/LAN Upgrades

Increased Bandwidth at School Sites (150MB => 1GB)
Increased Bandwidth at Downey (30GB => 100GB)
Increased speed server room (1GB => 10GB)
Improved Firewall Speed (1GB => 100GB)
Improved Firewall Function (Next Gen, App Aware, Zones)
“Wi-Fi” Upgrades

Each site has its own Firewall
Each site has its own Server
All devices are registered to Assigned-User or Classroom-User
All Logins are Active Directory controlled
All devices use security certificates
Wi-Fi access “will be” same across all LACOE sites.
CA-ID - A Regional Identity Solution

Imagine YOUR Single Sign-on (SSO being able to access all Students across California...

CA-ID leverages Tiered Admin (Districts, COEs, and Data Owners)
CA-ID leverages same Microsoft Free Cloud-AD, used for Office365 access
CA-ID being used for EPS (Educational Passport System)soon...

Simple to Setup, Simple to Administer, simple to use, but has built-in security.
<table>
<thead>
<tr>
<th>Features</th>
<th>Current</th>
<th>OPTION-A</th>
<th>OPTION-B</th>
<th>OPTION-C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title</td>
<td>LACOE Array</td>
<td>LACOE-NAT</td>
<td>LACOE-Hosted</td>
<td>On Premise at District</td>
</tr>
<tr>
<td>Description</td>
<td>Multi-tenant filtering array in current configuration.</td>
<td>Multi-tenant array with NAT function occurring after the filtering array to enable username resolution.</td>
<td>Separate filtering appliance for each district hosted in the LACOE data center</td>
<td>On premise filtering array that leverages LACOE license, but allows district to deploy on premise.</td>
</tr>
<tr>
<td>Internet Bandwidth</td>
<td>100GB</td>
<td>100GB</td>
<td>100GB</td>
<td>District Bandwidth</td>
</tr>
<tr>
<td>Tech/Helpdesk Support</td>
<td>LACOE - 24x7X365</td>
<td>LACOE - 24x7X365</td>
<td>LACOE - 24x7X365</td>
<td>District staff and vendor per support contract</td>
</tr>
<tr>
<td>LACOE-real-time tune</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Tiered Policy Mgmt</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Load Balanced Array</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Full Control of Filtering Appliance</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Spare Hardware</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Name Resolution</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Hosting Costs</td>
<td>LACOE pays</td>
<td>LACOE pays</td>
<td>LACOE pays</td>
<td>District’s data center</td>
</tr>
<tr>
<td>Hardware Costs</td>
<td>LACOE pays</td>
<td>LACOE pays</td>
<td>District Pays</td>
<td>District Pays, cost depends on bandwidth and network architecture</td>
</tr>
<tr>
<td>Software license Costs</td>
<td>$1/user/year</td>
<td>$1/user/year</td>
<td>$1/user/year</td>
<td>$1/user/year via LACOE License</td>
</tr>
<tr>
<td>Pro Services (setup)</td>
<td>LACOE pays</td>
<td>LACOE pays</td>
<td>LACOE pays</td>
<td>District contracts with vendor</td>
</tr>
<tr>
<td>Pro Services (ongoing)</td>
<td>LACOE pays</td>
<td>LACOE pays</td>
<td>LACOE pays</td>
<td>District contracts with vendor</td>
</tr>
<tr>
<td>Total Costs</td>
<td>$1/user/year</td>
<td>$1/user/year</td>
<td>$1/user+ H/W cost</td>
<td>$1/user+ H/W &amp; PS Cost</td>
</tr>
</tbody>
</table>
ITO Updates
Digital Citizenship
Los Angeles County Office of Education
2016 - 2017
The Assembly of the State of California passed ACR-203 recognizing:

Digital Citizenship Week
October 16 - October 22, 2016
Protecting Children in the 21st Century Act requires that the policy include measures for educating minors about appropriate online behavior.

CIPA Compliance
E-rate
LACOE Teachers Will Focus On Four Lessons From Common Sense Media

- Intellectual Property
- Cyberbullying
- Privacy
- Digital Footprint
Introduction For Teachers

DIGITAL CITIZENSHIP INITIATIVE
Earn Leading Edge Administrator Certification in Eight Weeks

• Designed for Site and District Administrators
• Cohort Starts October 13, 2016
• Online Course + 1 F2F Meeting

Register at http://ito.lacoe.edu/workshops
LACOE Innovative Digital Educator and Leader Certification *(IDEAL)*

Leadership Academy designed for K-12 educators to build knowledge and leadership capacity in technology integration.

* Teachers
* TOSAs
* Instructional Coaches
* Educational Technology Coordinators
IDEAL Leadership Academy

* 4 Days: Face to Face
* Blended Learning Environment
* Online Resources, Activities, and Connections to an Online Learning Community

October 18- 21 @ LACOE (Downey)

Register at:
ito.lacoe.edu/workshops
For More Information:

Michele Parga
Parga_Michele@lacoe.edu
562-922-6316
The Los Angeles County Educational Passport System is a website that contains demographic and academic data provided by school districts, the Department of Children and Family Services, and CALPADS.

* The website allows search and display of...
  * Student Academic data provided by participating school districts(s)
  * Department of Children and Family Services data
  * Information from the California Longitudinal Pupil Achievement Data System (CALPADS)
  * Documents contained in the LACOE Laserfiche optical storage database to be retrieved
Current Activities:

51 Districts have Signed MOUs

29 Districts fully operational and sharing Foster Youth data with LACOE and DCFS

49 Districts have accounts (480+ users)
Recent Enhancements:

* PowerSchool interface is now in production with the Centinela Valley Union school districts
* ILP (Individual Learning Plan) is now fully migrated from EPIC to EPS
* Laserfiche document repository has been upgraded to handle the expected additional usage
CDE

September/October Updates
Open Forum

Questions...

Discussion...
Looking Ahead

Next Meeting - February 24, 2017
Input for ETLN

* Send thoughts for future ETLN topics…
* Share with: harvey_sharon@lacoe.edu