Cisco Umbrella Webinar

Christian Anderson – CDW Program Manager
Derek Carnwath – CDW Program Manager
Josh Huwe – Mississippi Department of Education

Laddie Kelly – Cisco Systems Architect
Paul Haferman – CDW Principal Consulting Engineer
Bill Jarrett – CDW Security Consulting Engineer
AGENDA

• MDE announcements
• Umbrella Overview
• Kickstart Overview
  • Phase 1 – CIPA compliance
  • Phase 2 – Security enhancements
• Next steps
• Q & A
MDE ANNOUNCEMENTS

• Ensure devices are CIPA compliant prior to deploying to students
• District instances provisioned
• Licenses assigned
• Basic CIPA compliant policy in place
• Contact Josh Huwe if you’re interested
- Protect users on the school network via integration with networking devices
- Protect off-network users via integration with Cisco roaming client
- Block domains associated with malware, phishing, botnets, and other threats
- Perform web filtering domain and domain category
- Discover and block shadow IT based on domains
- Create policies and view reports by user with Active Directory integration
- Integrate with existing tools and workflows with APIs for enforcement, reporting, management, and deployment
KICKSTART PHASE 1 – CIPA COMPLIANCE

• **Focus on CIPA Compliance**
• CDW/MDE assists with initial Umbrella organization setup
• Provide documentation on enabling Umbrella controls on the student devices
  • Windows devices
  • Chromebooks
  • MacOS devices
  • iOS devices
• School District administrator pushes remote client to devices.
• Focus on security enhancements
• Electronic survey to choose topics
• Webinar – deep dive on enhancements
• 1:1 engagement with each school district (if needed):
  • Discovery & design session
  • School District chooses features to implement
  • CDW assists with basic feature setup
  • CDW provides resources & training on Umbrella reports
  • CDW assists with as-built documentation

Features
- Directory Integration
- User/Group Specific Policies
- Non-Endpoint Filtering (servers, appliances)
- District/School Level Filtering
- Custom Block Pages
- Custom Allow/Block Destination Lists
CISCO UMBRELLA PROCESS

Phase 1
- CIPA Compliance

Phase 2
- Discovery & Design
- Implement Security Enhancements
- Document
NEXT STEPS

• CDW/MDE provides documentation for school districts to deploy roaming clients
• MDE provides electronic survey for school districts to choose security enhancement topics
• Webinar to be scheduled for deep dive on security enhancement topics
• CDW communicates to schedule design/discovery session with each district as needed
Q&A