

DRC INSIGHTTM Technology Review

Wisconsin Forward Exam Q&A Session

January 2020



■ ■ DRC INSIGHTTM Technology Training

Connecting to Audio

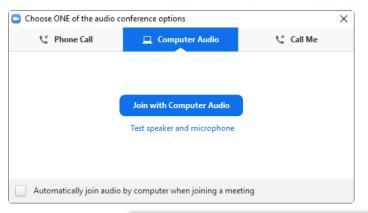
- Call in using your computer audio (preferred) or have Zoom call you
- Please MUTE your audio

Asking Questions

- Use chat for questions
- Send them to "Everyone"
- We will pause during the presentation to answer questions and there is time for additional questions during the Q&A at the end of the presentation

Accessing This Presentation

A recording of this session will be posted on the DRC INSIGHT Portal (eDIRECT)









• • • Prerequisites for Session

- Session for District Technology Coordinators (DTC) and School Technology Coordinator (STC)
- Prior to participating in this session you should have:
 - Viewed either of the DTC Training Presentations posted on the DRC INSIGHT Portal (eDIRECT)
 - Experienced District Technology Coordinators
 - New District Technology Coordinators
 - Reviewed the Technology User Guide







• • • Prioritization



- We will take questions in the order they appear in the chat box.
- We will focus on answering more general questions that would be relevant to others in the session.
- Specific questions related to your district or situation will be addressed if there is time at the end or you may be asked to send your question to <u>osamail@dpi.wi.gov</u> or <u>WIHelpdesk@datarecognitioncorp.com</u>





Examples of Possible Questions

- What new or changing for 2020?
- Have the System Requirements changed?



- What is Google's policy on supporting older Chrome devices?
- Are COS Service Devices required?
- Where is the best place to locate a COS Service Device?
- What's different about the COS application in the DRC INSIGHT Portal?





Questions and Answers







DRC Contact Information



Wisconsin Forward Help Desk Technology Related Questions

DRC Customer Service (800) 459-6530 7:00am-5:00pm CT

WIHelpdesk@datarecognitioncorp.com





DPI Contact Information



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608-266-9798

Duane Dorn

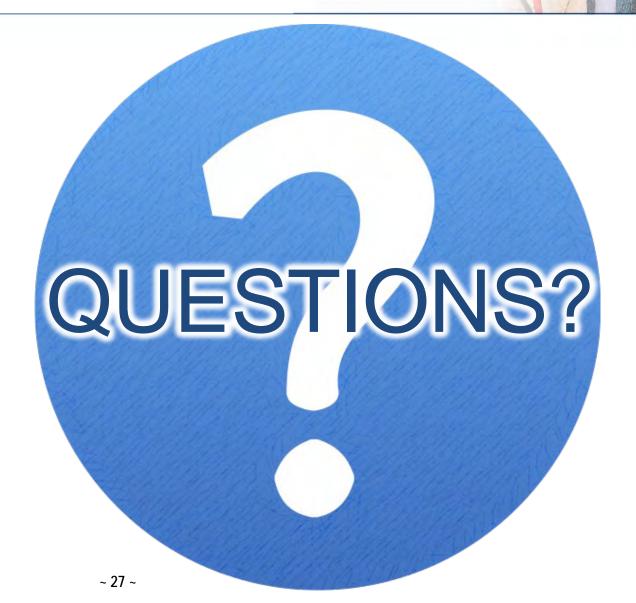
Test Security and Choice students duane.dorn@dpi.wi.gov 608-267-1069

If you are not receiving the assistance you need from the helpdesk please contact DPI - (Alison or Jennifer) - so we may help get your situation resolved.





Please send questions you may have after viewing this video to Alison or Jennifer, or to osamail@dpi.wi.gov









Appendix







• • • What's Changing and What's Not Changing in 2020



What's Changing

- COS Service Device replaces the TSM in COS Configurations
- Extended Retries replaces Response Caching

What's Being Updated

- DRC INSIGHT Secure Applications updated to version 10.x
- COS Service Device updated to version 3.x

What's Not Changing

- Use the same COS Configurations and COS Org Unit ID
- Testing Devices in existing COS Configurations
- Supported Testing Device platforms Windows, Mac, Linux, iPad and Chrome







DRC INSIGHT System and Network Requirements

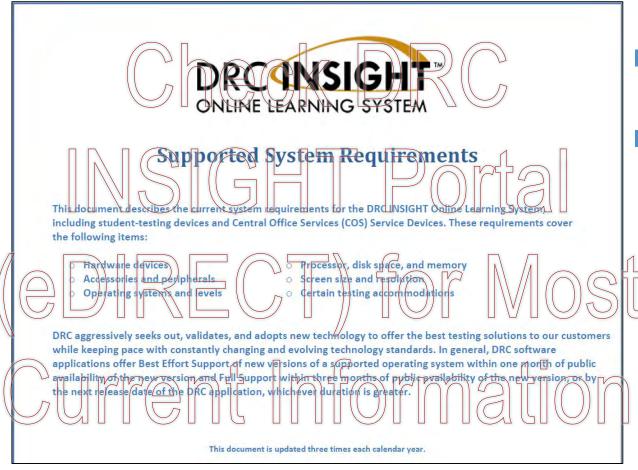






• • • System Requirements





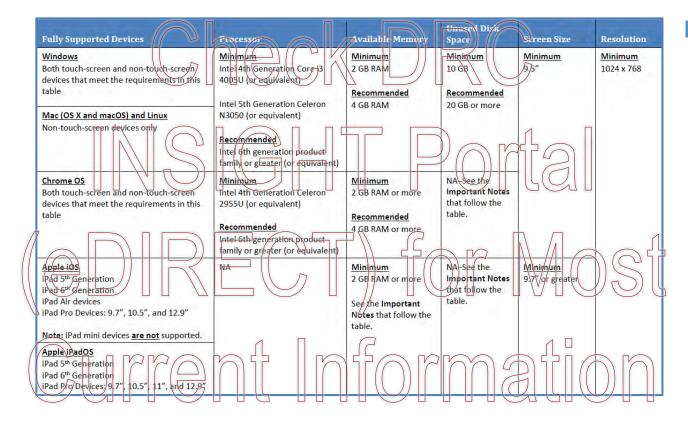
- Detailed system requirements for DRC INSIGHT Online Testing
- Updated three times during the testing year
 - June Specifications for upcoming year
 - October Operating System (OS) updates
 - February Additional OS updates before Spring testing and updates for next year





System Requirements – DRC INSIGHT Applications





DRC INSIGHT Secure Applications are supported on Windows, macOS, Linux, iOS, iPadOS, and ChromeOS Operating Systems





System Requirements – COS Service Device



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- COS Service Devices are supported on dedicated Windows, macOS, and Linux devices
- Note: Any testing device OS can connect to any COS Service Device OS and vice versa; the two OSs do not need to match
- Includes example Hardware Configurations for guidance on COS Service Devices scalability
- Now using CPU benchmark ratings for easier comparison of our CPU performance to the example configurations https://www.cpubenchmark.net/cpu_list.php





• • • System Requirements – DRC Support Policy



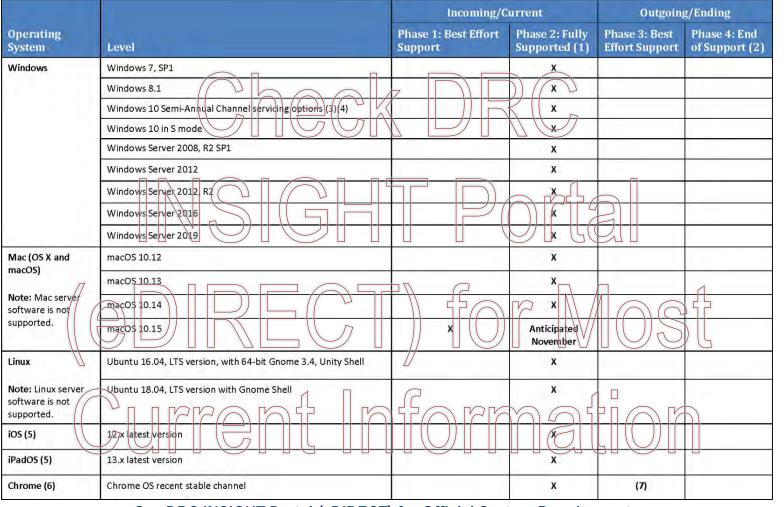


- Phases 1 and 3: Best Effort Support
 - Assistance troubleshooting issues as best we can without a guaranteed resolution
- Phase 2: Fully Supported
 - DRC has fully tested and certified our solutions to work on this OS version and will address any issues uncovered
- Phase 4: End of Support
 - DRC cannot offer any level of support for our software on this version and may restrict its use





• • System Requirements – OS Version Support







• • • System Requirements – DRC Device Support Policy



- Full Support of DRC software on vendor-supported devices that meet device and supported operating system requirements
- Once vendor ends support for a device, DRC provides Best Effort Support for a short period before ending support
 - Apple bases iPad model support on whether the model supports the latest operating system update
 - Google bases ChromeOS device support on the model's first production date, <u>not</u> the date the device was purchased; typically 6 years after the model's first production release
- Sites should consider purchasing devices with the most recent first manufacturing date that they can afford





ChromeOS Devices Support Levels for 2019–2020

- ChromeOS devices have an Auto Update Expiration (AUE) date
- Google sets AUE dates at 5-6 years after the device's first production date, <u>not</u> the date of purchase
- Before reaching AUE date, devices receive OS updates from Google automatically
- When a device reaches its AUE date:
 - Updates from Google are no longer guaranteed
 - Device may not receive necessary security and functionality upgrades
 - Google suspends the ability to use Google Management Console to manage the device
- Google's Auto Update policy and the list of Chrome devices with AUE dates: https://support.google.com/chrome/a/answer/6220366
- DRC offers Best Effort Support for unmanaged Chrome devices (the DRC INSIGHT Secure Chrome App was manually installed) that meet the system device and supported operating system requirements

• • • Why Use a COS Service Device

- Hosts testing content closer to the student
- Reduces impact of network (wide-area network and Internet) bandwidth and latency
- Improves content download times to testing devices
- Improves navigation time between questions for accommodated tests and WIDA ACCESS for ELLs
 - 2-3 MG of content is download for each question
- Helps address equity concerns around delivering equivalent student experiences

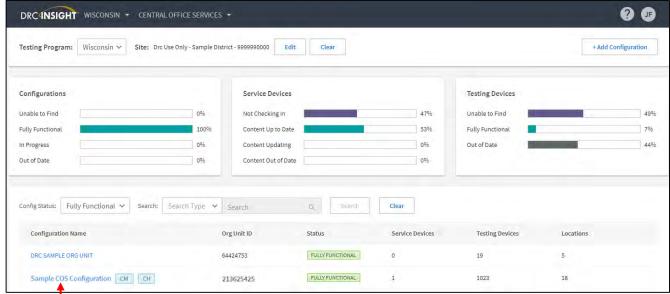






COS Configurations are managed from the COS Dashboard

- Use Locations to manage testing program
- Use Content Management to manage content hosted within COS Configurations
- Manage Testing Devices in COS Configurations



To manage a COS Configuration, click on the name



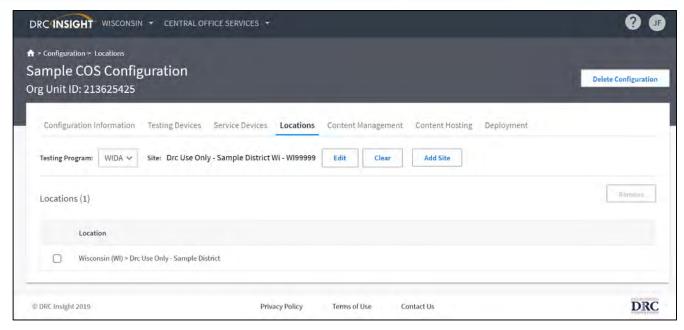




Managing COS Configurations

Wisconsin Forward and WIDA content are both hosted by this COS Configuration

Add Testing Programs under Locations within Central Office Services



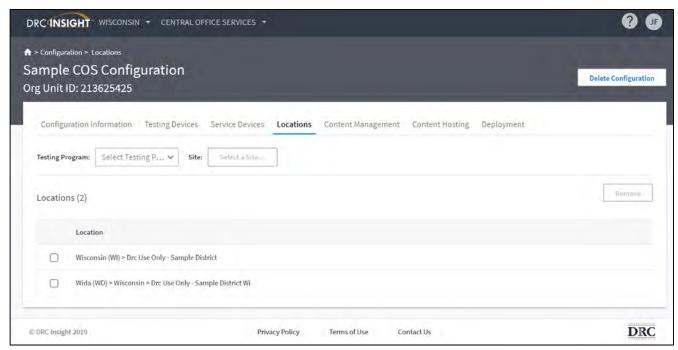






Managing COS Configurations

Wisconsin Forward and WIDA can now both be hosted on this COS Configuration





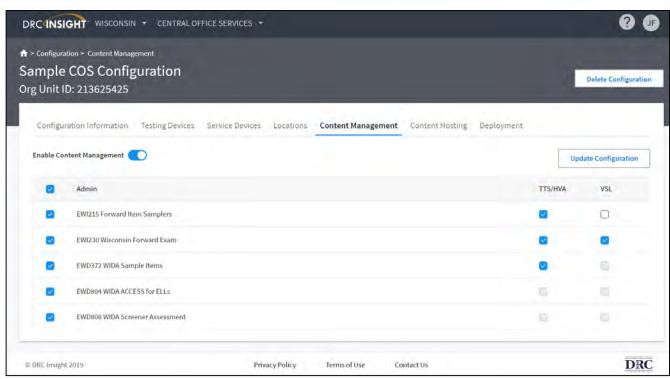




Managing COS Configurations

Under Content
Management, select the
appropriate testing content
and accommodations to be
hosted on the COS
Service Device

Before testing starts, verify active administration content is selected and downloaded









• • • Assign Testing Devices to a COS Configuration



Activity 4

Three methods to assign testing devices:

- 1. Within COS, move testing devices between COS Configurations
- 2. Within COS, create configuration script for deployment to testing devices
- 3. Manually assign COS ORG Unit ID to testing devices

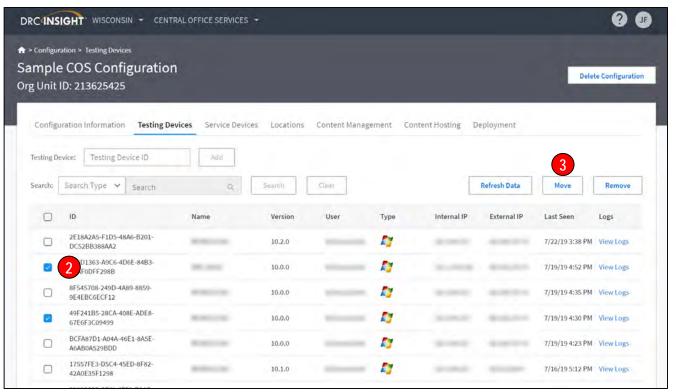




• • • Move Testing Devices Between COS Configurations

Move testing devices between COS Configurations under Testing Devices within Central Office Services

- 1. Note the COS Org Unit ID for the target COS Configuration
- 2. Select the devices from the existing COS Configuration
- 3. Select Move Devices in the Action Menu



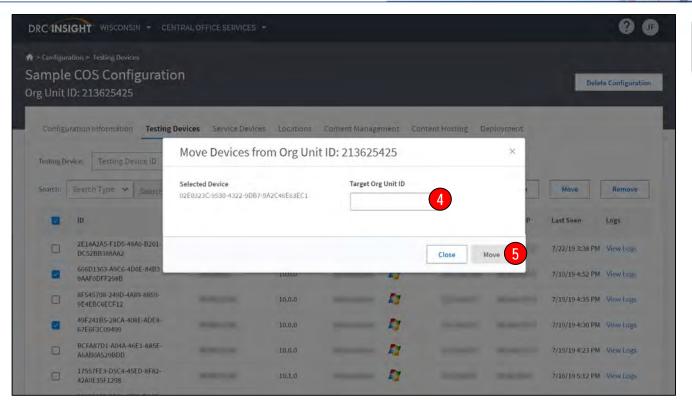






Move Testing Devices Between COS Configurations

- 4. Add the COS Org Unit ID for the target COS Configuration
- 5. Click the "Move" button to initiate the move







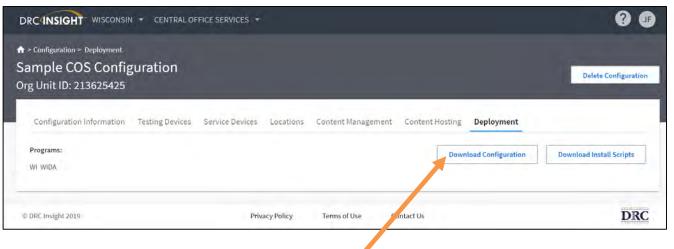


Create Configuration Script for Deployment to Testing Devices

Under Deployment within Central Office Services, create COS Configuration distribution files for Testing Devices

Select "Download Configuration" and Click "Save" to create the file

Distribute the file to testing devices (See *Technical User Guide Volume III: DRC INSIGHT*)







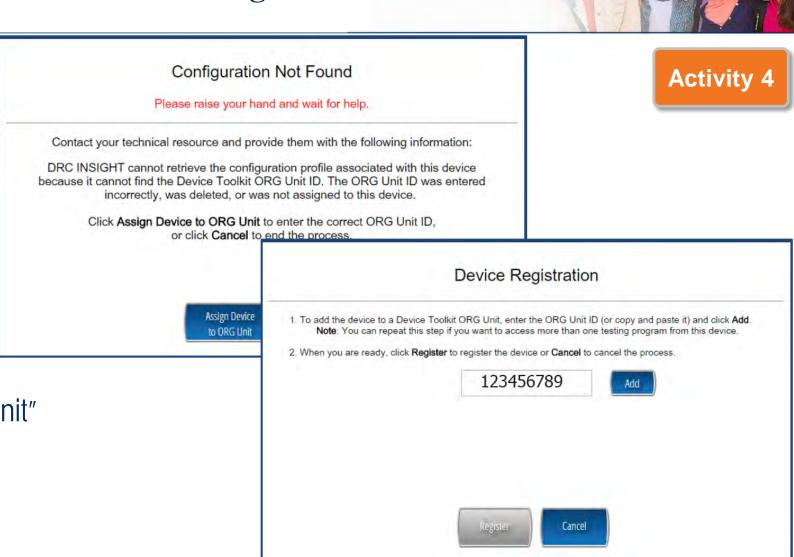


• • • Manually Assign COS ORG Unit ID to Testing Devices



To manually assign Testing Devices to a COS Configuration:

- Install DRC INSIGHT
- Launch DRC INSIGHT
- Because it is not yet registered with a COS Configuration, "Configuration Not Found" is displayed
- Click "Assign Device to ORG Unit"
- Added the COS ORG Unit ID
- Click "Add"
- Click "Register"







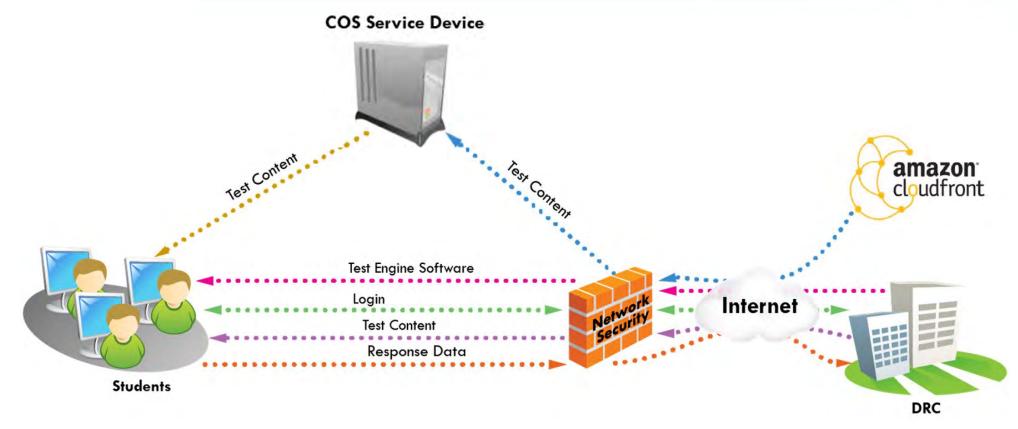
COS Service Device Configuration Options







Standalone COS Service Device

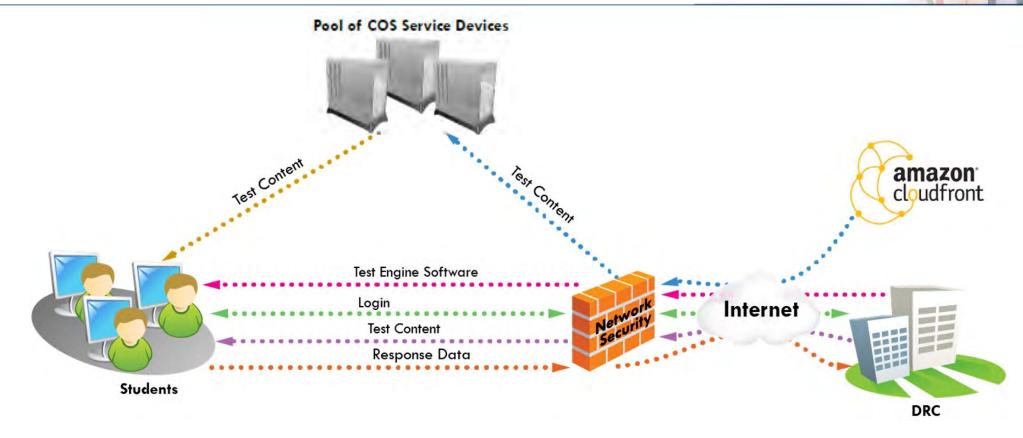


Standalone—This method connects students to a single COS Service Device set up in the COS Configuration. This is commonly used for hosting the COS Service Device at each testing site.





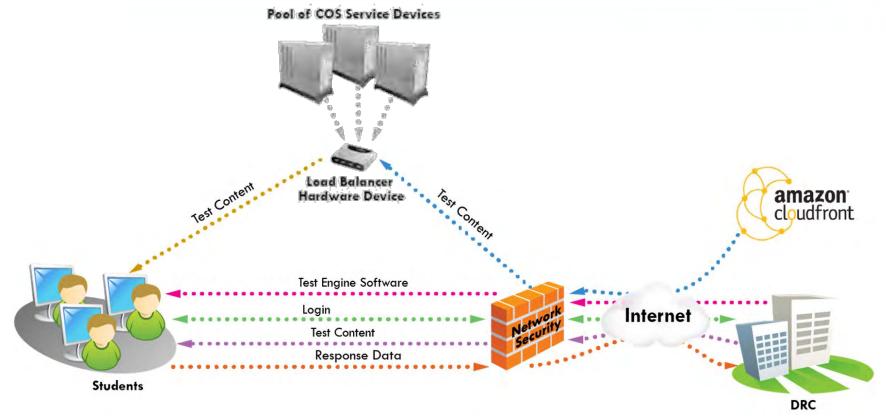
Multiple COS Service Devices



Software-based load balancing—This method allows round-robin persistent client connections based on the total count of COS Service Devices that are set up in the COS Configuration.



• • • COS Service Devices - Behind a Hardware Load Balancer



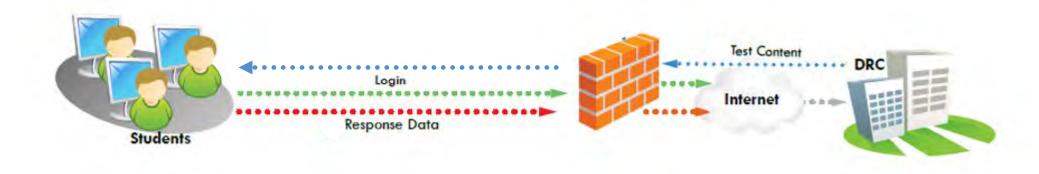
Hardware-based load balancing – This method leverages a hardware-based load balancer hosted at the local site that is configured to a single load balancer IP address in the COS Configuration.





No COS Service Device





This COS Configuration only contains testing devices. There is no COS Service Device configured. This COS Configuration can only be used for students who do not use TTS/HVA (Text to Speech/Human Voice Audio), or VSL (Video Sign Language) accommodations or who are taking the WIDA ELL assessment.

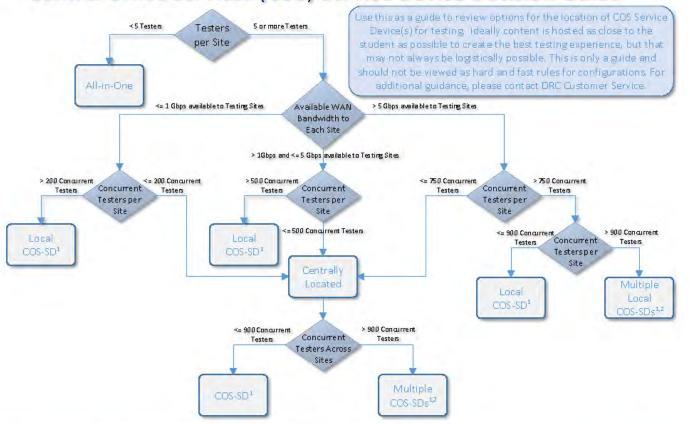




COS Service Device Decision Guide



Central Office Services (COS) Service Device Decision Guide



Helps answer the question:

"Where should the COS-SD be located?"

This assists in determining the best location for COS Service Devices based on testing population and available network capacity.

² Multiple COS Service Devices can be configured using the default COS round robin load balancing or can be configured behind a locally supported hardware load balancer.





¹ The number of concurrent Testers the COS Service Device can support will vary depending upon the hardware configuration. See Supported System Requirements for details.