



DRC INSIGHT™ Technology Review

November 2019

Topics

- Key Dates
- Terminology
- What's Changing and What's Not Changing in 2020
- DRC INSIGHT System and Network Requirements
- Managing Central Office Services Configurations

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-2-

Key Dates



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-3-

Key Technology Dates

Event	Date
Technology Readiness Resources Available	November 14, 2019
DTC Training Presentations Available	November 21, 2019
DTC Training/Q&A Session (webinar)	January 15, 2020
State Student Data Pull to DRC INSIGHT Portal (eDIRECT)	January 22, 2020
Training/Q&A Session (webinar)	February 12, 2020
Training/Q&A Session (webinar)	March 11, 2020
Forward Exam Testing Window	March 23 – May 1, 2020

For a complete and up-to-date timeline check the [Forward Exam Calendar webpage](#) regularly

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Terminology



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Terminology

- DRC INSIGHT Secure Applications
 - DRC INSIGHT Secure Browsers (Windows, macOS, Linux)
 - DRC INSIGHT Secure Apps (ChromeOS, iOS, iPadOS, Windows 10 in S mode)
- DRC INSIGHT Test Engine
- DRC INSIGHT Portal, formerly known as eDIRECT
- Central Office Services (COS)
 - COS Configurations
 - COS Service Device (COS-SD)
 - Content Hosting

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



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-7-

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

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-8-

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System Requirements



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-9-

System Requirements

Check DRC INSIGHT Portal (eDIRECT) for Most Current Information

- 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

See DRC INSIGHT Portal (eDIRECT) for Official System Requirements
 My Applications -- General Information -- Downloads

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System Requirements – DRC INSIGHT Applications

Check DRC INSIGHT Portal (eDIRECT) for Most Current Information

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

See DRC INSIGHT Portal (eDIRECT) for Official System Requirements
 My Applications -- General Information -- Downloads

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System Requirements – COS Service Device

Check DRC INSIGHT Portal (eDIRECT) for Most Current Information

- 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

See DRC INSIGHT Portal (eDIRECT) for Official System Requirements
 My Applications -- General Information -- Downloads

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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

Operating System	Level	Operating System			Operating System	
		Phase 1: Best Effort Support	Phase 2: Fully Supported	Phase 3: Best Effort Support	Phase 4: End of Support	
Windows	Windows 7 SP1					
	Windows 8					
	Windows 8.1					
	Windows 10					
Mac OS X and Linux	Mac OS X					
	Linux					
Android	Android 4.0					
	Android 5.0					
iOS	iOS 9.0					
	iOS 10.0					
Chrome OS	Chrome OS					
	Chrome OS					

Check DRC
INSIGHT Portal
(eDIRECT) for Most
Current Information

See DRC INSIGHT Portal (eDIRECT) for Official System Requirements
My Applications -- General Information -- Downloads



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, not 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, not 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

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Accessing DRC System Requirements

Select My Applications → General Information → Downloads

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DRC INSIGHT Testing Network Traffic

- When the COS Service delivers the Content Material to the testing device.
- When a student selects a test, the COS Service automatically loads the test content from the DRC servers to the testing device.
- When students log in to the test, their login is verified by servers at DRC and their test sessions are returned to the testing device.
- When students select the test and a COS Service Device is configured, the COS Service Device delivers the test content to their testing devices, reducing the startup time for these tests. All of the test content is encrypted for security.
- When students select the test in situations where no COS Service Device is configured or available, the test content is delivered directly from the DRC servers to the testing devices.
- During testing, test responses (labeled Response Data) go directly to the DRC server. DRC confirms receipt before the student moves to the next question.

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Managing COS Configurations

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



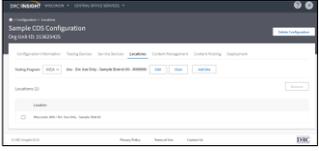
To manage a COS Configuration, click on the name

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Managing COS Configurations

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

Add Testing Programs under Locations within Central Office Services



DRC WISCONSIN PUBLIC INSTRUCTION

Managing COS Configurations

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

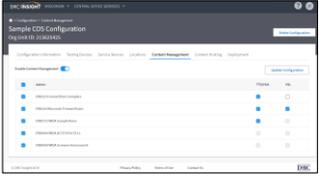


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Managing COS Configurations

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



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-25-

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Assign Testing Devices to a COS Configuration

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

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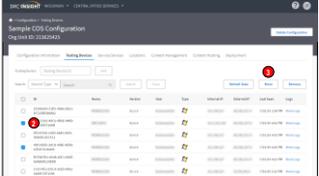
-26-

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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



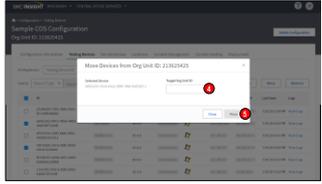
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-27-

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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



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- 28 -

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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*)



DRC INSIGHT

- 29 -

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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"



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- 30 -

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Online Testing System Status

<https://status.drceirect.com/WI>

Status of each system, as well as additional details when issues are identified

SERVICE	STATUS
DRC INSIGHT Online Testing Online Testing	Normal Operations
DRC INSIGHT Portal / ADIRECT Test Setup, Administration and Reporting	Normal Operations

DRC provides current information on service availability. If you need additional assistance, please contact DRC Customer Service: WIHelpDesk@datarecognitioncorp.com or 1-800-459-6530.

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Support

DRC Customer Service

Technology Related Questions
 (800) 459-6530
 7:00am-5:00pm CT
WIHelpdesk@datarecognitioncorp.com

A Smooth Testing Experience
 DPI and DRC are committed to ensuring a smooth testing experience for district and school technology staff, test administrators, teachers, and, most importantly, **students**. Should you encounter any issues before or during testing, please don't hesitate to reach out to the DRC Customer Service and/or DPI.

DPI Office of Student Assessment

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