

2018-2019 COS Training



- **Introductions**
- **Overview of Central Office Services**
 - **Central Office Service (COS) Service Device**
 - **COS-Device Tool Kit (DTK) Dashboard**
 - **Benefits of COS Service Devices**
 - **COS Service Device Early Adoption**
- **COS Installation and Configuration Options**
- **Resources for Support**
- **Questions/Answers**

- **DRC is in the process of converting all programs from Testing Site Manager (TSM) to a new site management software called Central Office Services (COS) Service Device.**
- **DRC has already begun to rollout COS Service Device to state testing programs in anticipation for termination of the TSM in summer 2019. At that time, DRC will no longer be releasing technology updates to the TSM.**

Software Overview

DRC INSIGHT System Overview



TECHNOLOGY COORDINATOR

DRC PORTAL AND eDIRECT
Installation and Configuration Tools

CENTRAL OFFICE SERVICES (COS)
Content Management and Content Hosting

SYSTEM READINESS CHECK

TESTING SITE MANAGER (TSM)
Response Caching



STUDENT

TEST DEMOS

TEST PRACTICE

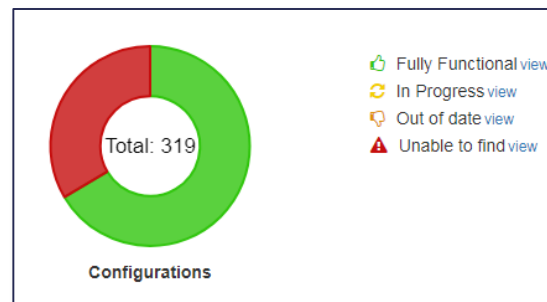
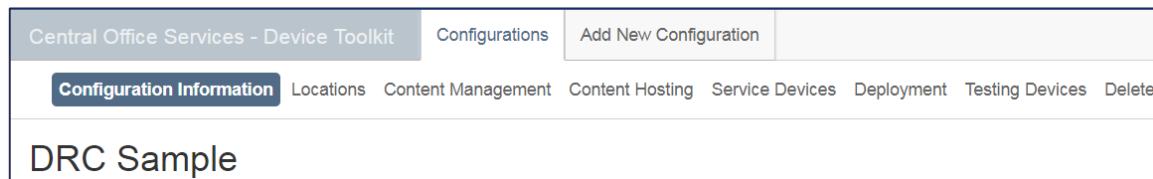
ONLINE ASSESSMENTS

Central Office Services Overview

- Central Office Services (COS) is a powerful, integrated solution that enables easy installation, configuration, and management of the online testing environment from a central location.
- COS includes two major components:
 - **COS-Device Toolkit (COS-DTK) Interface**
 - Configuration User Interface replaced stand-alone Device Toolkit.
 - Enhanced integration into eDIRECT portal for improved security and usability.
 - **COS Service Devices**
 - Content Management and Content Hosting services that replace TSM.
 - Service device software is installed locally on one or more dedicated devices at testing sites. (A COS Service Device and TSM should not be operating on the same machine.)

- **Central Office Services Service Devices (COS Service Device)** replace the content caching feature currently found in the Testing Site Manager (TSM) software. These features in the COS Service Device are called Content Management and Content Hosting.
 - **Content Management (CM)** is the service that manages the download of test content to each site.
 - **Content Hosting (CH)** is the service that provides content to student testing devices.
- **To access the full version of COS, a new installation of COS Service Device software is required on at least one device to create an initial COS configuration and a COS Service Device. The DRC INSIGHT software on the test devices works with both COS Service Devices and TSMs without a new installation.**

- Centralized dashboard with real-time status information.
- Supports multi-test program configurations.
- Easier to manage centralized district-wide configurations.
 - Supports content hosting device “pool” without need of load balancer.
 - Supports load balancing.
 - Supports “silent” deployment of content hosting devices.



The dashboard shows two donut charts. The left chart, titled 'Configurations', has a total of 319 items. The right chart, titled 'Testing Devices', has a total of 1359 items. Both charts use a color-coded legend to show the status of each item.

| Status | Color |
|------------------|--------|
| Fully Functional | Green |
| In Progress | Yellow |
| Out of date | Orange |
| Unable to find | Red |

| Status | Color |
|------------------|--------|
| Fully Functional | Green |
| Out of date | Orange |
| Unable to find | Red |

This screenshot shows the 'Content Management' configuration page for a 'DRC Sample'. It includes a 'Content Management' toggle switch set to 'No' and a table of content items with checkboxes for 'TTS/HVA' and 'VSL'.

Content Management No

Content Management is currently not available. Add a Service Device to allow activation.

If you set Content Management to Yes, the test content for the administrations and accommodations that are selected in the grid will be automatically downloaded to your Central Office device. All available administrations and accommodations default to being selected. Accommodations can include Text to Speech (TTS), Human Voice Audio (HVA) and Video Sign Language (VSL). Not all accommodations are available for every administration. If you need to save space on the device, you can deselect items that you don't need by clicking the checkboxes. Once you have made your selections, click Update Configuration.

| | Admin | TTS/HVA | VSL |
|--------------------------|--|--------------------------|--------------------------|
| <input type="checkbox"/> | ESC810 EOCEP Spring 2018 | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | ESC812 EOCEP Fall/Winter 2017-18 | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | ESC817 Grades 3-8 | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | ESC911 End-of-Course Examination Program (EOCEP) | <input type="checkbox"/> | <input type="checkbox"/> |

Update Configuration

- Creating separate features, referred to as *Content Management* and *Content Hosting*, allows for additional flexibility.
 - Download only the content appropriate for a specific testing site.
 - Download content once for use by multiple COS Service Devices.
- More testing devices supported per service device without manipulating settings on machine.
 - 500 testing devices per TSM.
 - Over 900 testing devices per COS Service Device.

- All configuration and management of COS Service Device completed in the COS-DTK page in eDIRECT.
- Supports silent installations.
- Ability to manage multiple testing programs on a single device.
 - Can support State assessments and WIDA ACCESS on the same device.

tech TIP

When testing State and WIDA, the memory requirements will not change, as they are based on concurrent testers. Users would need to consider how many State Testers and WIDA testers will be testing at the same time to determine the concurrent testers. The one thing on the device that will be impacted is the disk space to house the content. Example: South Carolina State content + WIDA content = 40 GB for content. (versus 20 for SC State content or WIDA content only)

Side-by-Side Comparison of COS and the TSM

The following checklist compares the features available with COS to the features available with a TSM.

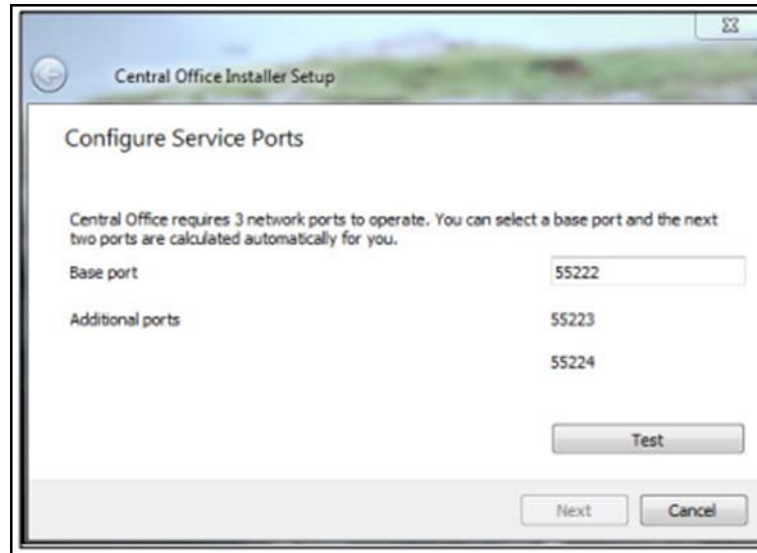
| Feature | COS | TSM |
|--|-----|-----|
| Increased retries during content download | ✓ | ✓ |
| Content Hosting (content caching on the TSM) | ✓ | ✓ |
| Response caching is available for fixed-form tests ¹ (currently, COS requires a TSM to be configured in order to perform response caching) | ✓ | ✓ |
| Enhanced content handling (cloud-based content distribution network) | ✓ | ✓ |
| Test readiness tools for load simulation ² | | ✓ |
| Must be configured manually to take advantage of additional system resources | | ✓ |
| Enhanced security, including stronger device access controls with sign-on validation | ✓ | |
| Small, medium, and large installation options based on testing site's size and needs | ✓ | |
| Provide status information regarding content download and device-readiness | ✓ | |
| Report detailed COS status information at regular intervals to help users verify the status of test content (The COS – Device Toolkit also can verify that a TSM is active.) | ✓ | |
| A single, centralized, user interface with a dashboard for test readiness, device configuration, and content caching | ✓ | |
| Supports multiple testing programs, eliminating the need for separate content hosting servers for each program | ✓ | |
| Automatically scales to use the resources available in the COS service device | ✓ | |
| Provides option to download only the content needed for the testing site | ✓ | |
| Provides option to download content to a network share location that multiple Content Hosting services can use | ✓ | |

¹ DRC is currently developing a more efficient solution for response caching.

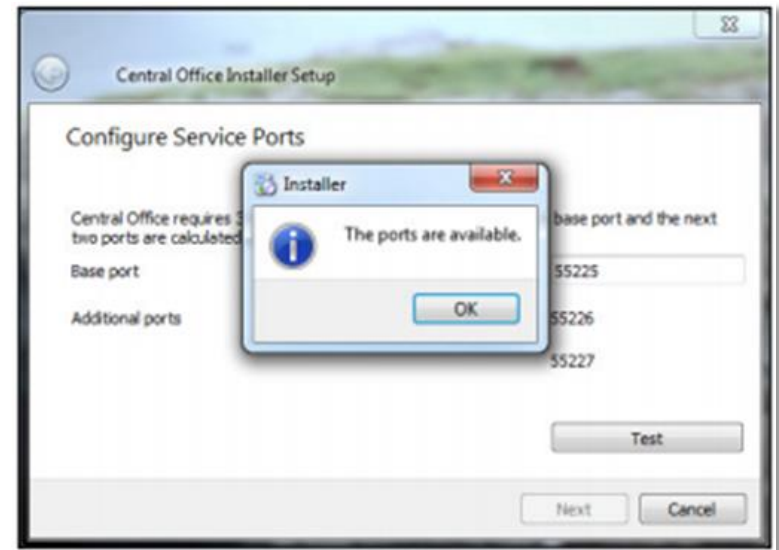
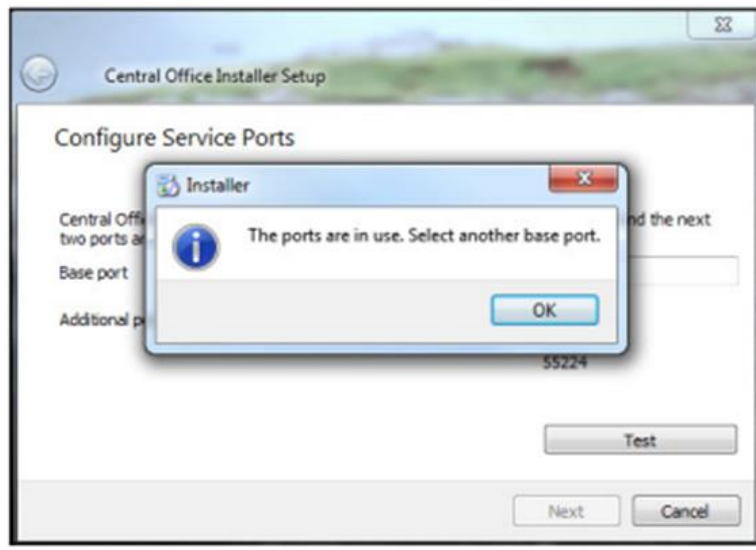
² DRC plans to add enhanced testing simulation features to COS for 2018–19.

Installation of COS Service Device

- Configure Service Ports
 - On this window you specify the base port.
 - After you specify the base port, COS Service Device automatically selects the next two consecutively numbered ports.
 - You usually can use the default port values of 55222, 55223, and 55224.

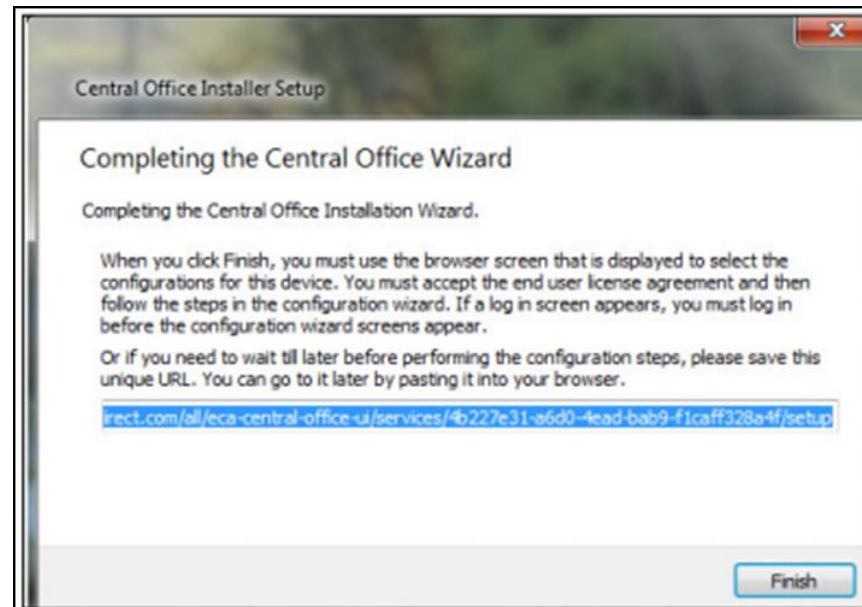


- Test Service Ports
 - After you select your ports, click Test to verify that the ports selected are available on the device, then click OK and Next (or Cancel to exit the installation).



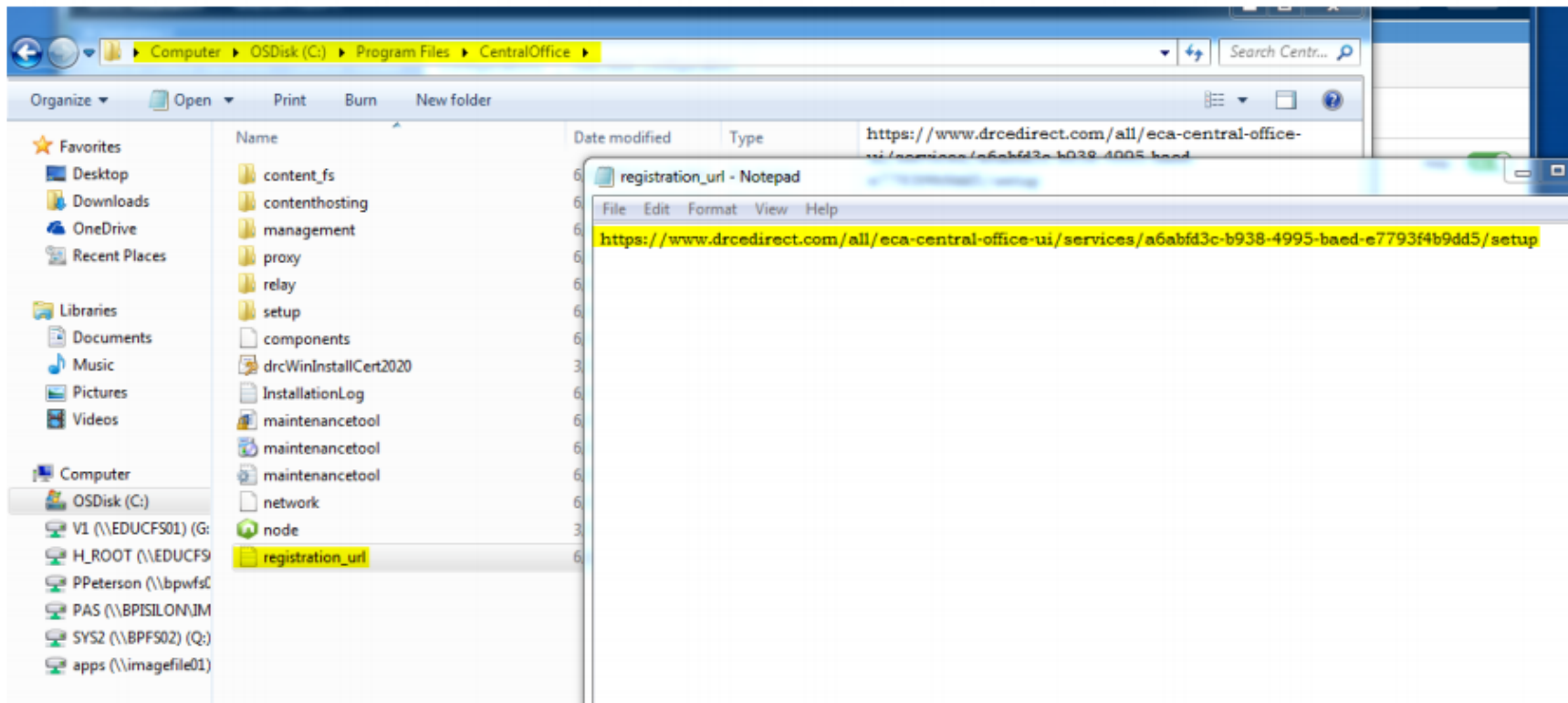
- Two things will occur at the same time:
 - Completing the Central Office Wizard window appears.
 - DRC INSIGHT Portal screens are launched.

IMPORTANT: From the Completing the Central Office Wizard window, highlight, **copy and save the URL that displays**. This URL can be used to resume the process, if necessary, without re-installing the COS Service Device.

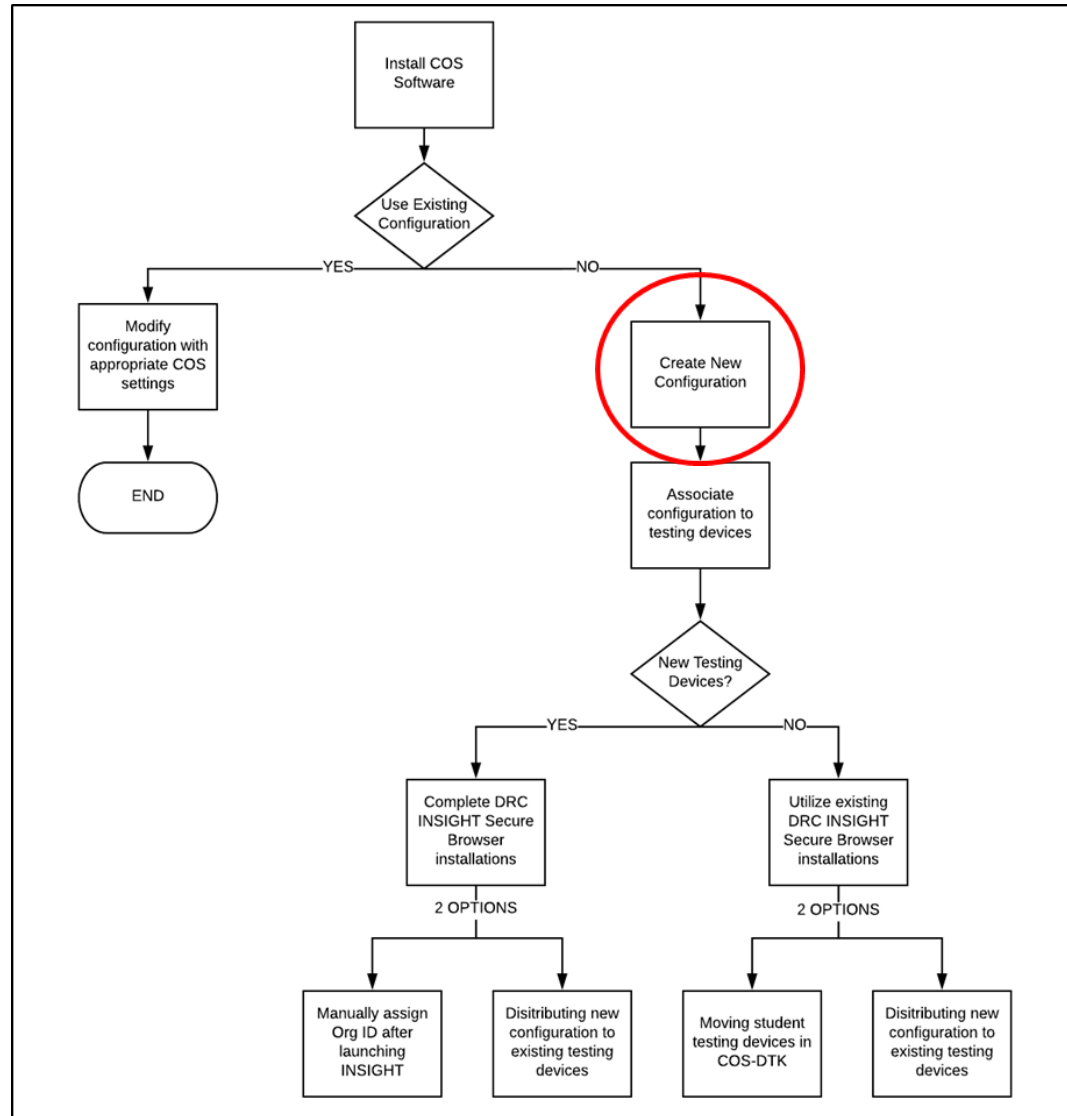


- If a site closes out of the COS software install before configuring in the COS-DTK, use the registration_url.txt to continue with install

Copy and paste into browser



Create a COS Service Device Configuration



- After you have installed a COS Service Device, you must create an initial configuration referencing the COS Service Device to associate it with your testing devices.
- This section describes how to create the initial COS association. DRC provides a wizard to help you with this process.
- When you finish installing the COS Service Device, if you are not signed in to the DRC INSIGHT Portal (eDIRECT), you must sign in. If you are already signed in to eDIRECT, see next page.

The screenshot shows the DRC INSIGHT eDIRECT login page. At the top left, there is a navigation bar with the DRC INSIGHT logo and a dropdown menu for 'All Applications'. The main content area is divided into three sections. On the left is the DRC logo. The middle section is titled 'Welcome to eDIRECT' and contains a welcome message from Data Recognition Corporation (DRC) and a list of testing programs: End-of-Course Examination Program (EOCEP), Palmetto Assessment of State Standards (SCPASS), and College- and Career-READY Assessments (SC READY). On the right is a 'Please Log In' form with fields for 'Username' (containing 'sample.two@yahoo.com') and 'Password' (containing '*****'). Below the password field is a link for 'Forgot your username or password?' and a 'Log In' button.

- After you finish installing the COS Service Device, if you are signed in to the eDIRECT (DRC INSIGHT Portal), the End User License Agreement for DRC Software window displays.
- Read the agreement, check the I Agree checkbox, and click Accept (you must accept the agreement to continue).

End User License Agreement for DRC Software

IMPORTANT - BE SURE TO READ CAREFULLY

SCOPE

This Agreement does not cover any of the test items or documents created under the scope of the contract with you. It does cover the Software owned by DRC which is used in the performance of the contract.

End User License Agreement for DRC Software (Version 2017)

This End User License Agreement "License" is a legal agreement between you and DRC regarding the software ["Software"] provided under your contract for educational testing services with DRC's customer, you ["Contract"].

All DRC software which is included shall be referred to herein as the "Software". This License covers all of the Software. The software includes the computer software, any associated media, any printed materials and any "on-line" or electronic documentation, as well as DRC supplied or authorized updates / upgrades provided in the future. By installing, copying, downloading or otherwise using the Software, you agree to be bound by the terms of this License. If you do not agree to the terms of this License, DRC is unwilling to license the Software to you. In such event, you may not use or copy the Software and you should promptly contact DRC for the proper means to

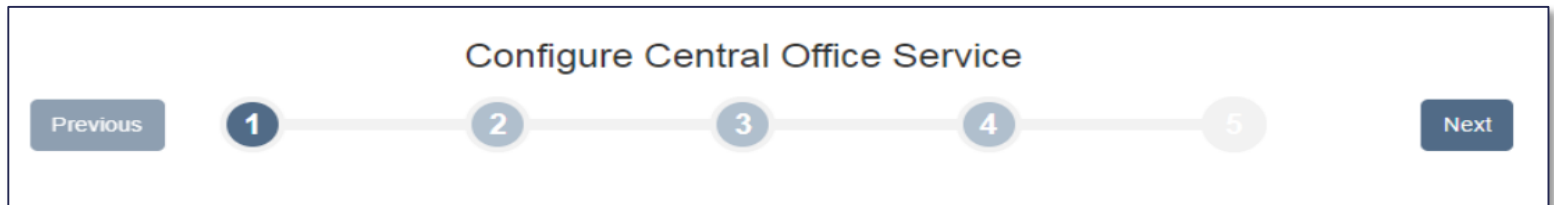
I Agree

Accept

- Four methods for associating a COS Service Device with a configuration in COS-DTK.
 - Complete 5-step wizard process at the end of COS Service Device installation to create a new configuration in COS-DTK.
 - Complete 2-step wizard process to associate new COS Service device to an existing configuration in COS-DTK.
 - Use a “silent installer script” available in the “Deployments” tab of COS-DTK Configuration.
 - Add unassociated COS Service Device to an existing configuration in “Service Devices” view in COS-DTK.



Complete 5-step wizard process at the end of COS Service Device installation to create a new configuration in COS-DTK.



Central Office Services - Device Toolkit | Configurations | Add New Configuration

Device: 552D17A3-80DC-45F0-8EC0-2E937F7891F33 **COS device GUID**

Step 1 of 5-step COS-DTK configurator wizard

Configure Central Office Service

Previous | 1 | 2 | 3 | 4 | 5 | Next

Device Name (optional):
If you want, you can give this Central Office device a name that will be displayed when you view this service in the Central Office screens. Please include your district and/or school in this name. This name will be displayed when you view this service in the Central Office screens. Only the above Device ID will be displayed in the screens.
The device name must be at least 3 characters long and no more than 50 characters long.

COS_DEVICE_NAME_Goes_HERE

Service Ports: 55223
Content Hosting: 55223 | Content Management: 55224 | iRelay: 55222

Content Path: C:\Program Files\CentralOffice\content_fs
Internal IP Address: 10.11.1.43

Device Configuration
Use an existing configuration?: No Yes **Toggle this to "Yes" to reduce wizard to 2-step process**

Help: Yes **Help: Yes**
Toggling on Help displays contextual Help content on the UI page

1. Enter required configuration name here.

2. Check this box to enable auto updates for INSIGHT installed on student testing devices associated to this configuration.

3. Set "Proxy Host" to "Yes" if INSIGHT traffic from student testing devices is managed by a proxy server. If it is not leave alone.

4. Enter a valid URL path for proxy server (if applicable).

5. Click "Next"

1. Select Testing Program in dropdown (Wisconsin)

2. Search for district or school location (enter min of 3 characters)

3. Click "Add Location" button

4. Verify Location information

5. Leave "TSM Content Caching" set to "No"

6. Click "Next" button

Helpful Hint: To configure both SC and WIDA testing, add both testing programs (South Carolina & WIDA) / locations to the same configuration.

DRC INSIGHT
Welcome

Central Office Services - Device Toolkit
Configurations
Add New Configuration

Device: 552D17A3-80DC-45F0-8EC0-2E937F789F33 - COS_DEVICE_NAME_GOES_HERE Last Seen: Oct 4, 2017 3:11:18 PM Help:

Current Configuration: ENTER_REQUIRED_CONFIGURATION_NAME_HERE

Configure Central Office Service

Previous

1

2

3

4

5

Next

Content Management 1

If you set Content Management to Yes, the test content for the administrations and accommodations that are selected in the grid will be automatically downloaded to your Central Office device. All available administrations and accommodations default to being selected. Accommodations can include Text to Speech (TTS), Human Voice Audio (HVA) and Video Sign Language (VSL). Not all accommodations are available for every administration. If you need more space on the device, you can deselect items that you don't need by clicking the checkboxes. Once you have made your selections, click Update Configuration.

| | Admin | TTS/HVA | VSL |
|-------------------------------------|---|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | 2 Admin | | |
| <input checked="" type="checkbox"/> | ESC810 EOCEP Spring 2018 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | ESC812 EOCEP Fall/Winter 2017-18 | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | ESC817 Grades 3-8 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | ESC911 End-of-Course Examination Program (EOCEP) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

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Minimum Browser Requirements

1. Content Management should be enabled if this is the first or only COS device in this configuration. At least one COS device per configuration needs Content Management enabled
2. Select testing program content that should be downloaded for this site (TTS/HVA and VSL checked by default)
3. Click "Next"

1. Enable Content Hosting (delivery of test content to INSIGHT on student testing devices)

2. New COS device is listed as "Primary Source" in this new configuration

3. "DRC - Default Content" is failover in the case that COS source becomes unavailable

4. Additional "failover" configuration can be associated here in case primary source configuration is becomes unavailable

5. Click "Complete" to exit configuration wizard

Device: 552D17A3-80DC-45F0-8EC0-2E937F789F33 - COS_DEVICE_NAME_GOES_HERE Last Seen: Oct 4, 2017 3:11:18 PM
Current Configuration: CBJ_COS_21038

Help: Yes

Configure Central Office Service

Previous 1 2 3 4 5 Complete

Content Hosting Yes **1**

Content Hosting is the service that provides administration content to testing devices. Content Sources are configurations with Content Management activated and the same administrations and accommodations. You can add one additional configuration to act as a fallback content source if your primary content source becomes unavailable. DRC is always available as the final content source.

Content Sources

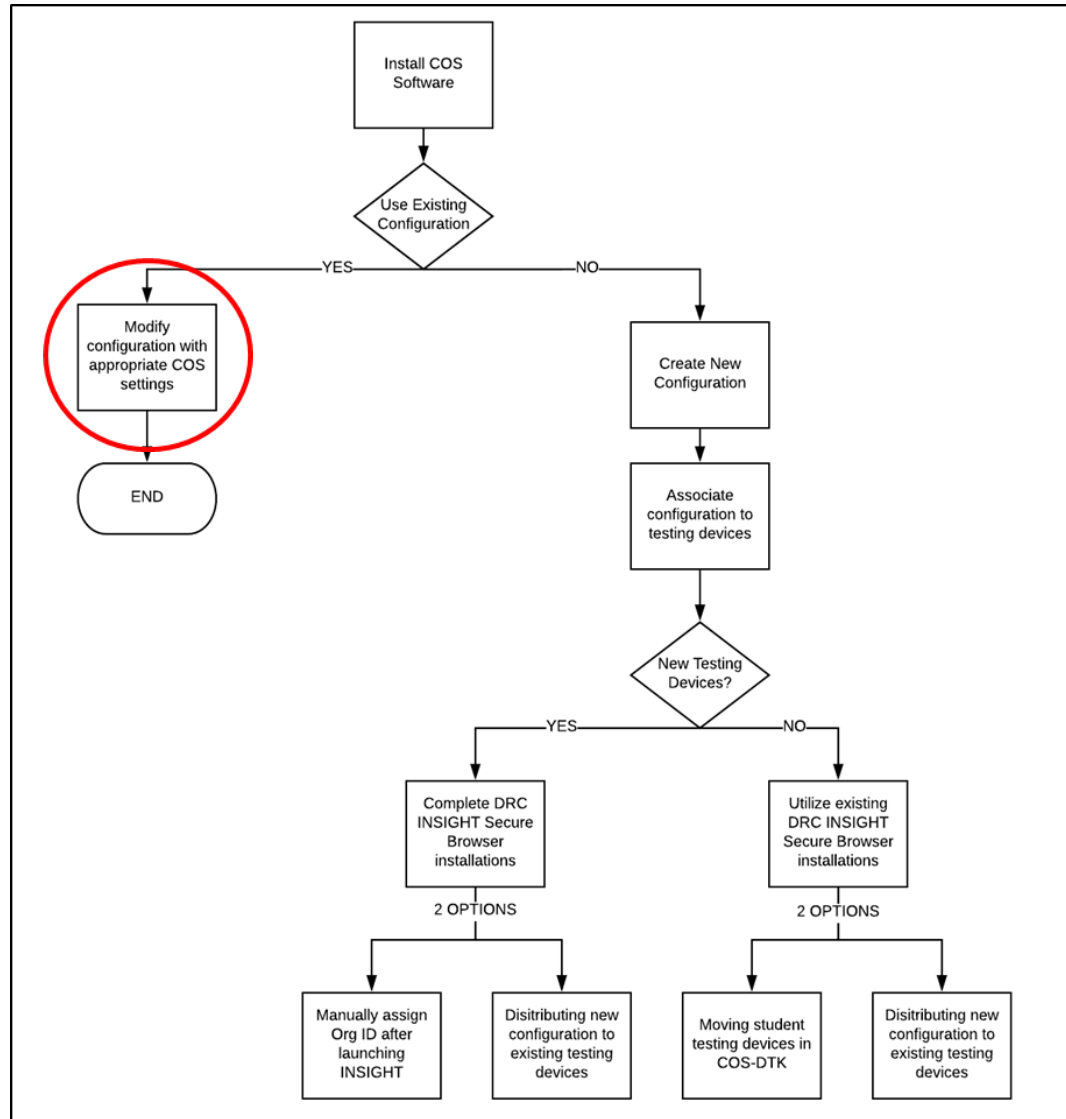
| | |
|---|-------------------------|
| CBJ_COS_21038: 552D17A3-80DC-45F0-8EC0-2E937F789F33 | Primary Source 2 |
| DRC - Default Content | 3 |

Add Content Source

Add a configuration by name as a fallback content source for your testing devices if the primary becomes unavailable. All of the administrations selected in Content Management on all configurations must match exactly. Only one fallback content source is allowed.

Fallback Configuration Name **4**

Re-Configuration of an Existing Configuration



The screenshot displays the DRC INSIGHT web interface. At the top, the user is logged in as Courtney Johnson. The main navigation bar includes 'Central Office Services - Device Toolkit', 'Configurations', and 'Add New Configuration'. The breadcrumb trail shows 'WI > WI > Drc Use Only - Sample District'. Two donut charts are present: 'Configurations' with a total of 1 (green) and 'Testing Devices' with a total of 0 (grey). A legend on the right identifies status icons: green for 'Fully Functional', orange for 'In Progress', yellow for 'Out of date', and red for 'Unable to find'. A search bar for 'Configuration Name' contains 'CBJ_DTC'. Below the search bar, a table lists configuration details for 'CBJ_DTC_DEMO' (Org Unit ID: 489515093), including 'Service Devices: (0)', 'Testing Devices: (1)', and 'Location: (2) South Carolina WIDA'. A red box highlights the 'CBJ_DTC_DEMO' entry, and a red callout box with an arrow points to it, containing the text: 'New Configuration in COS-DTK Dashboard Click name link to enter configuration'. The bottom of the page shows pagination controls for 5 items per page and '1 of 1 items'.

Device: 552D17A3-80DC-45F0-8EC0-2E937F789F33

Configure Central Office Service

1 2

Device Name (optional):

if you want, you can give this Central Office device a name that will help you and others identify it in the future. This name will be displayed when you view this device in the Central Office screens. Please include your district and/or school in the name. If you do not wish to enter a name, only the above Device ID will be displayed in the screens.

COS_DEVICE_NAME_GOES_HERE

Service Ports: 55223
Content Hosting: 55223
Content Management: 55224
Relay: 55222

These ports were configured in the installer.

Content Path: C:\Program Files\CentralOffice\content_fa
This is the content path you configured in the installer.

Internal IP Address: 10.11.1.43
This is the IP address you configured in the installer.

Device Configuration

Selecting "Yes" will allow you to link this device to an existing device configuration in the system. Selecting "No" will allow you to create a new configuration.

Use an existing configuration?: Yes

Select "Yes" to shorten configuration wizard to 2-step process of associated this COS device with an existing configuration

This option will cause this service device to be added to a logical pool of service devices. The pool will include all of the service devices associated with the configuration. When a student uses a testing device to retrieve content, Central Office will select one of the service devices from the pool. The service device selection is not based on true load balancing.

1. Select Testing Program
2. Search for location (district or school)
3. Search for existing configuration
4. Click "Complete"

Device: 552D17A3-80DC-45F0-8EC0-2E937F789F33 - COS_DEVICE_NAME_GOES_HERE Last Seen: Oct 4, 2017 3:11:18 PM Help:

Central Office Services - Device Toolkit Configurations Add New Configuration

Configure Central Office Service

Previous 1 2 4 Complete

Link device to existing configuration

If you have already created a configuration you can select your location then search by the configuration name. Select 'Complete' to link the configuration to this device.

Testing Program: south Carolina 1 Site: Drc Use Only - Sample District - 9999990000 - Parent: 2

Searching in: south Carolina > SC > DRC Use Only > Sample District

Type the name of a device configuration to find.

3 cbj

CBJ demo: 96625 on:
CBJ_MPS: 243072

Copyright © 2017 Data Recognition Corporation Minimum Browser Requirements

- When you have finished using the Configuration Wizard, navigate to the Locations page of the configuration.
- Example: for the South Carolina location,
 - Set TSM Content Caching to No.
 - Click Update Configuration.

Locations

Choose a Testing Program and, if prompted, a State, then type at least three letters of the name of a District or a School to select the Site. Once you have chosen a Site, click Add Location. At least one location is required. To change an existing single location, first add the new location, then remove the original.

Testing Program: [Dropdown] Site: [Select Site]

Add Location

Set up for:

South Carolina > SC > DRC Use Only > Sample District

TSM Content Caching Yes No

Are using a TSM for content caching for this location? Central Office Content Hosting will not be used if

Remove

Remove

Update Configuration

Helpful Hint: To configure both SC and WIDA testing, add both testing programs (South Carolina & WIDA) / locations to the same configuration.

- Navigate to the Content Management page.
- Set Content Management to Yes.
- Verify that the necessary administrations and accommodations are selected (select any that need to be selected).
- Click Update Configuration.

Content Management No

If you set Content Management to Yes, the test content for the administrations and accommodations that are selected in the grid will be automatically and accommodations default to being selected. Accommodations can include Text to Speech (TTS), Human Voice Audio (HVA) and Video Sign Language administration. If you need to save space on the device, you can deselect items that you don't need by clicking the checkboxes. Once you have made

| | |
|--------------------------|--|
| <input type="checkbox"/> | Admin |
| <input type="checkbox"/> | ESC810 EOCEP Spring 2018 |
| <input type="checkbox"/> | ESC812 EOCEP Fall/Winter 2017-18 |
| <input type="checkbox"/> | ESC817 Grades 3-8 |
| <input type="checkbox"/> | ESC911 End-of-Course Examination Program (EOCEP) |

- Navigate to the Content Hosting page.
- Set Content Hosting to Yes.
- Click Update Configuration.

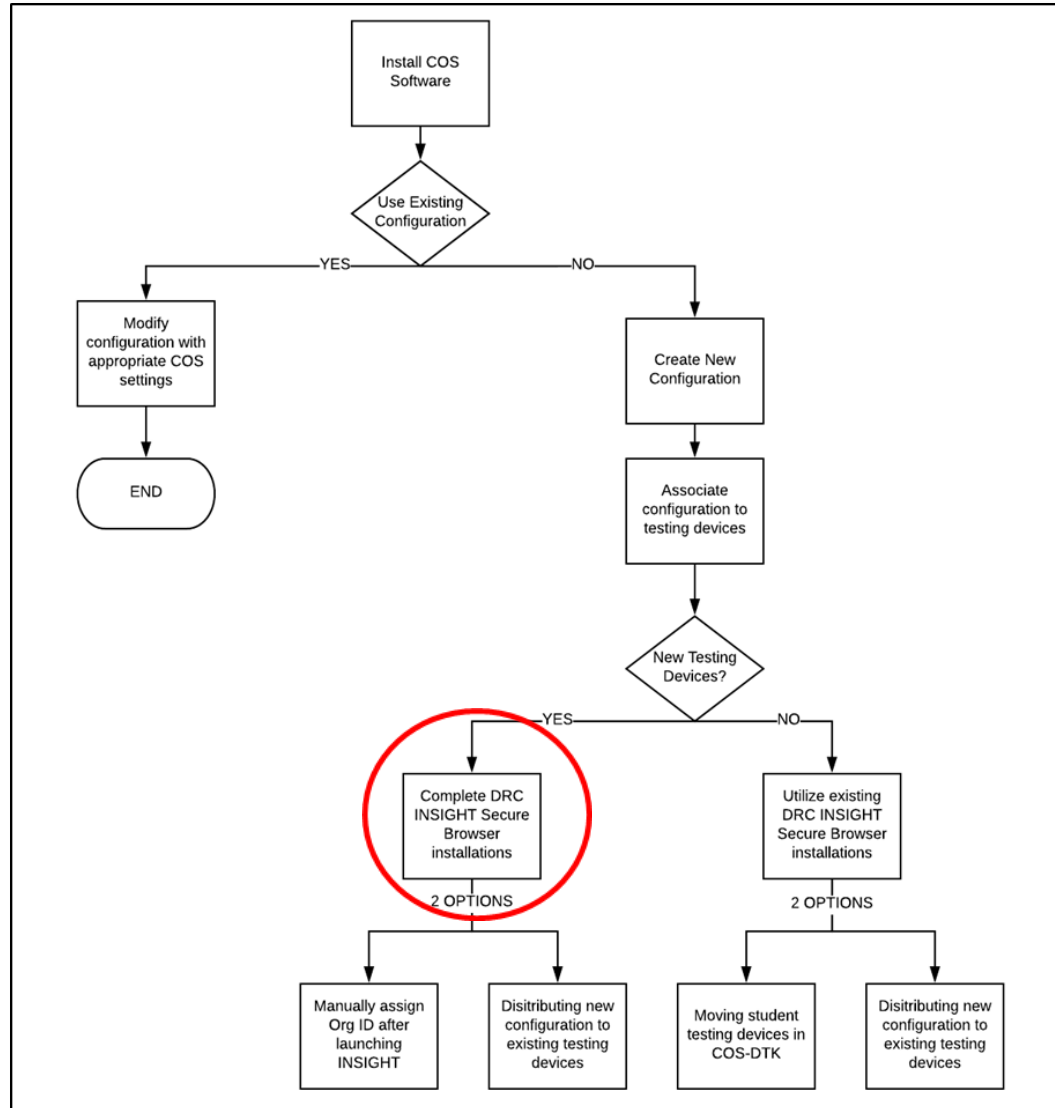
Content Hosting Yes

Content Hosting is the service that provides administration content to testing devices. Content Sources primary content source becomes unavailable. DRC is always available as the final content source.

Content Sources

| | |
|-------------------------|-----------------------|
| South Carolina - config | Primary Source |
| DRC - Default Content | |

New Installation of DRC INSIGHT and Associate it with a COS Configuration (same two options that has been used with the TSM)



DRC INSIGHT

Welcome Courtney Johnson Log Out

Central Office Services - Device Toolkit Configurations Add New Configuration

Configuration Information Locations Content Management Content Hosting **Service Devices** Deployment Testing Devices Delete

CBJ_DTC_DEMO

Org Unit ID: 489515093
Use the Org Unit ID when first starting your testing device to register it to this configuration.

System Readiness Check: 7745
Required to view the System Readiness Check. On the main DRC Insight page click the blue checkmark and enter this code when prompted.

Service Devices (1)

Service Device Id Add

| Name | ID | Status | CM/CH | Internal IP | OS | Version | Last Seen | Domain Name | |
|-----------------|---------------------------|--------|---------------------------------|-------------|--------|----------|-----------------|---|--|
| ✓ CBJ_COS_21038 | 552D17A3-80DC-45F0-8EC... | | CM CH | 10.11.1.43 | Win... | 6.1.7601 | 10/4/17 5:54 PM | https://552d17a3-prod.drc-centraloffice.com:55222 | |

1 | 1 of 1 items

Remove Devices

COS device can only be associated with a single configuration. To associate it with a different configuration, first remove its current association

- If a user is removing a COS Service Device from a Configuration, please ensure the user copies the COS Service Device's deviceID first.

- When adding a COS Service Device via the Service Device tab, ensure the deviceID is capitalized

Org Unit ID: 394862291

Use the Org Unit ID when first starting your testing device to register it to this configuration.

System Readiness Check: 7745

Required to view the System Readiness Check. On the main DRC Insight page click the blue checkmark and enter this code when prompted.

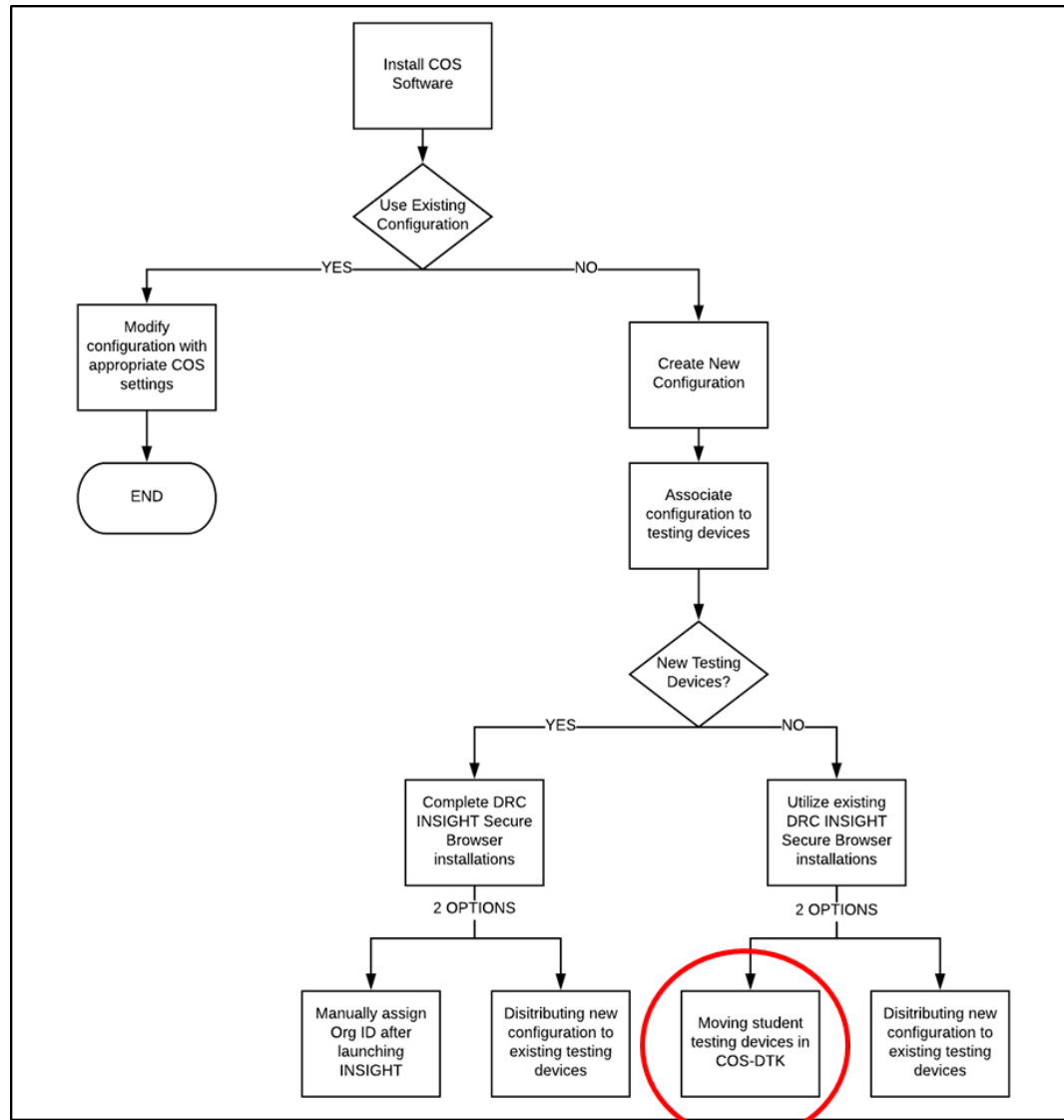
Service Devices (0)

A8ABFD3C-B938-4995-BAE

Add

Existing Installation of DRC INSIGHT and Associate it with a COS Service Device Configuration

(same options that have been used with the TSM)



- You are able to assign a new COS configuration to testing devices in two ways.
 - Moving existing student testing devices to the new configuration.
 - Distributing the deployment configuration file to the testing devices.
- To move devices to the new configuration, navigate to the Testing Devices tab.

Central Office Services - Device Toolkit | Configurations | Add New Configuration

Configuration Information | Locations | Content Management | Content Hosting | Service Devices | Deployment | **Testing Devices** | Delete

Training

Org Unit ID: 1107940708
 Use the Org Unit ID when first starting your testing device to register it to this configuration.
 System Readiness Check: 7745
 Required to view the System Readiness Check. On the main DRC Insight page click the blue checkmark and enter this code when prompted.

Testing Devices

Sort is available for ID, Internal Ip, External Ip and Last Seen by clicking on the header label. Click again to change sort direction.
 Sorting by Last Seen will show you which testing devices have checked in most recently. A testing device is considered "not found" if it has not checked in during the last year.
 To select all devices displayed in the grid click on the Select All button. To clear your select, click Clear Selection. Once a row or group of rows is selected you can move or remove/unlink via the Actions button below the grid. You may display up to 500 rows at a time by changing the "Items per page" selection.

Testing Devices (53)

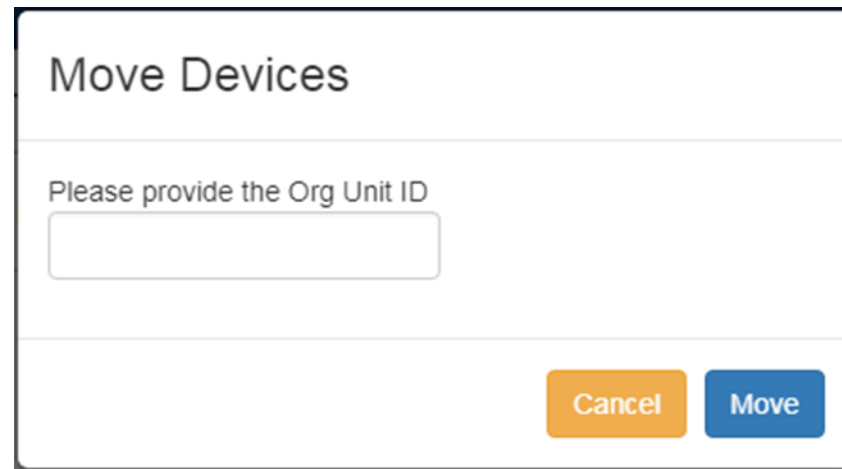
Select All | Clear Selection | choose a search type... | Add | Search

| ID | Name | Version | User | Type | Internal IP | External IP | Last Seen | View Logs | Actions |
|-----------|----------------------|---------|-----------|---------|--------------|------------------------|-----------------|-----------|---------|
| 916AB6 | Student17's MacBo... | 6.0.0 | student17 | [DRC] | 10.10.10.129 | 96.91.7.193, 10.2.1... | 5/18/16 7:53 AM | View Logs | ✕ |
| F2C712... | Student25's MacBo... | 6.0.0 | student8 | [DRC] | 10.10.10.111 | 96.91.7.193, 10.2.1... | 5/23/16 7:03 AM | View Logs | ✕ |
| DC498... | Student11's MacBo... | 6.0.0 | student11 | [DRC] | 10.10.10.113 | 96.91.7.193, 10.2.1... | 5/18/16 7:32 AM | View Logs | ✕ |
| 706C4... | Student21's MacBo... | 6.0.0 | student21 | [DRC] | 10.10.10.63 | 96.91.7.193, 10.2.1... | 5/19/17 1:35 PM | View Logs | ✕ |
| AA4828... | iPad | 6.2.0 | -- | [Apple] | | 207.67.104.66, 10.2... | 4/13/16 9:53 AM | View Logs | ✕ |

Navigation: 8 / 11 | 5 items per page | 36 / 40 of 53 items

Actions

- Select the testing devices that you wish to move.
- Click Actions.
- Click Move Devices.
- Enter Org Unit ID for the new configuration.
- Click Move.

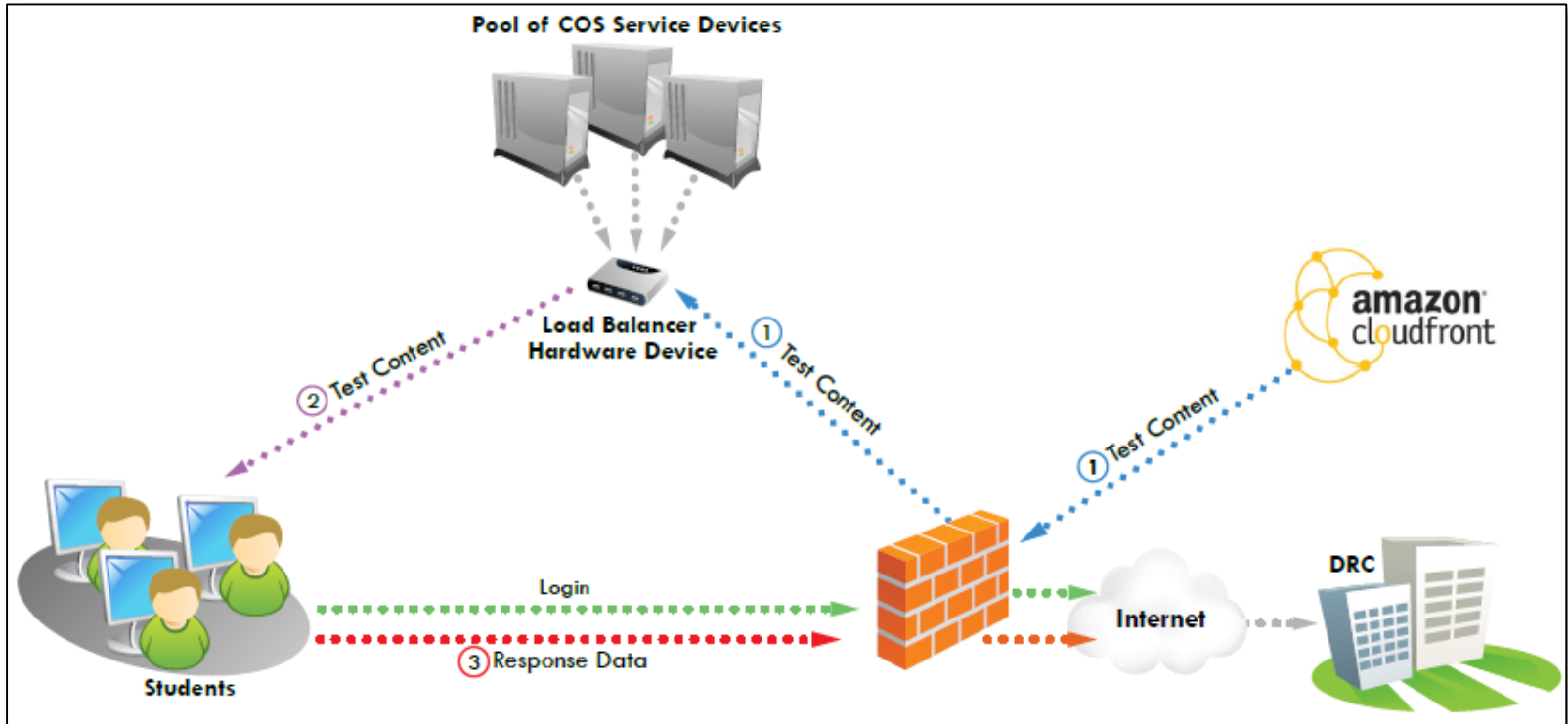


Move Devices

Please provide the Org Unit ID

Cancel Move

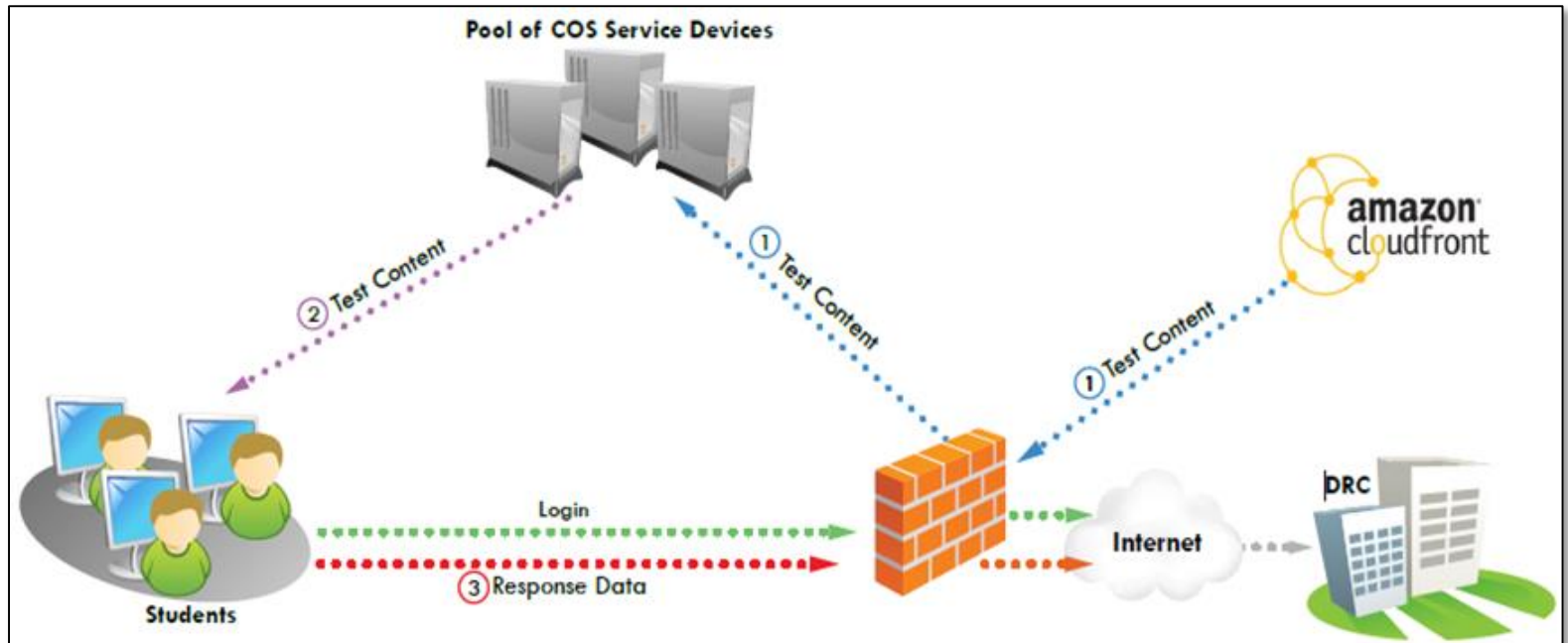
OPTIONAL: Load Balancing



Steps to utilize a load balancer can be found in the *Technical User Guide, Volume III*.

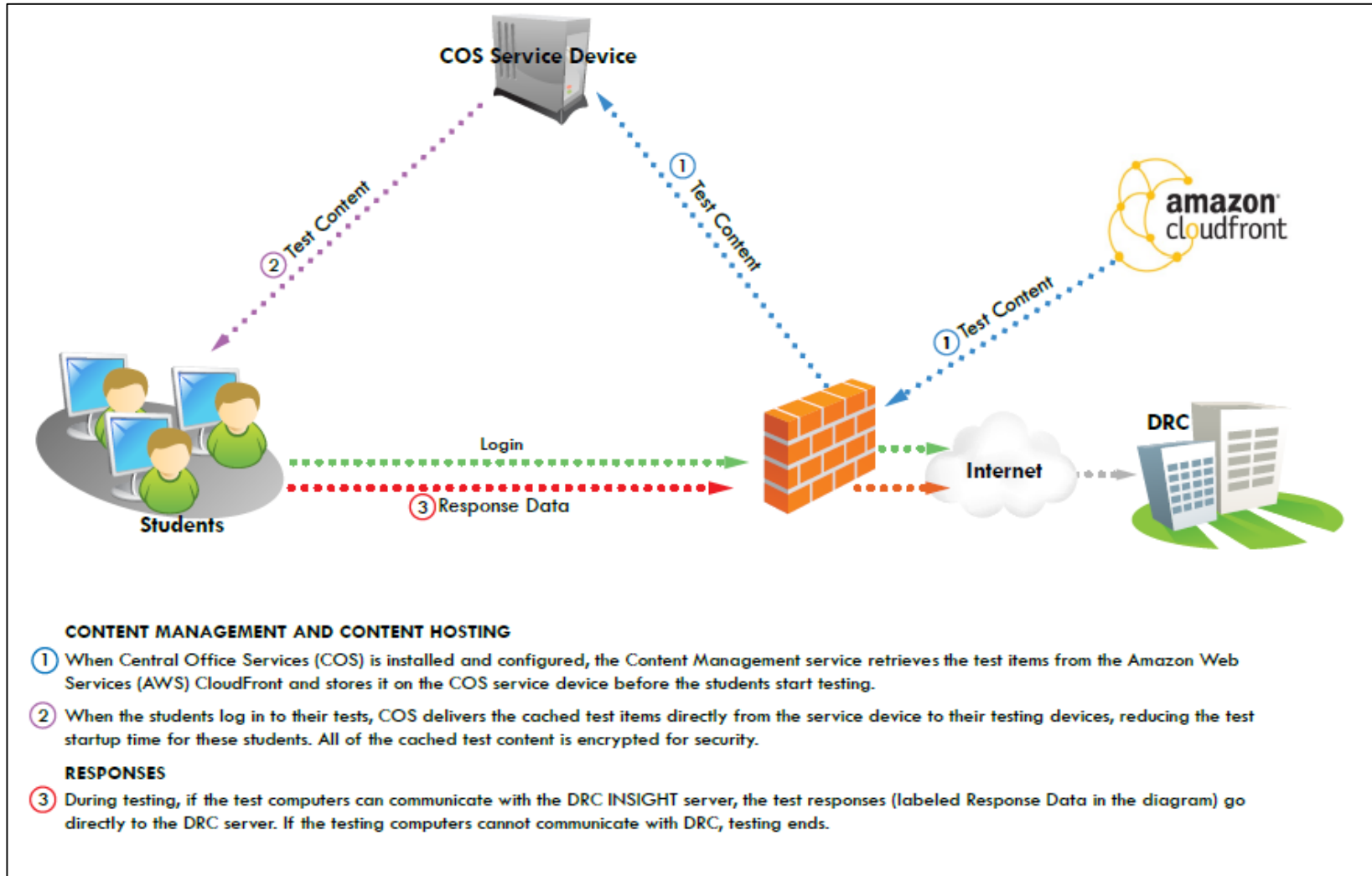
Prerequisites to creating a load-balanced pool of COS Service Devices.

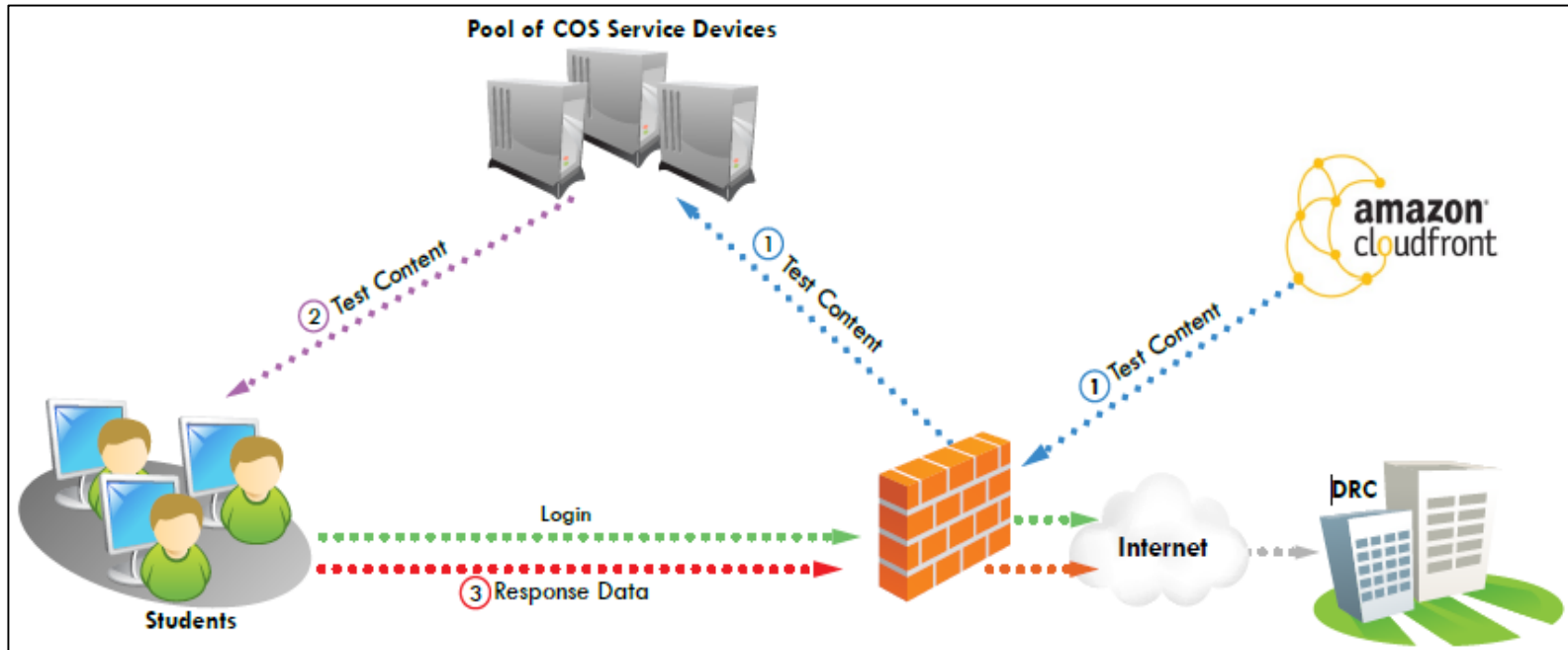
- You must have already installed and configured your load balancing hardware and software – this is external to the DRC INSIGHT system.
- You must know the IP address of your load balancer.
- You must know how to “point” the load balancer to each COS Service Device in the load-balanced pool.
- You must have a shared network location for test content, know the network share path to the location, and all of the COS Service Devices in the load-balanced pool must have access to the shared location.
- This path must be available from every Content Hosting device in the load-balanced pool.
- This path overrides the default COS Service Device installation path (or a different path that you specified during installation).



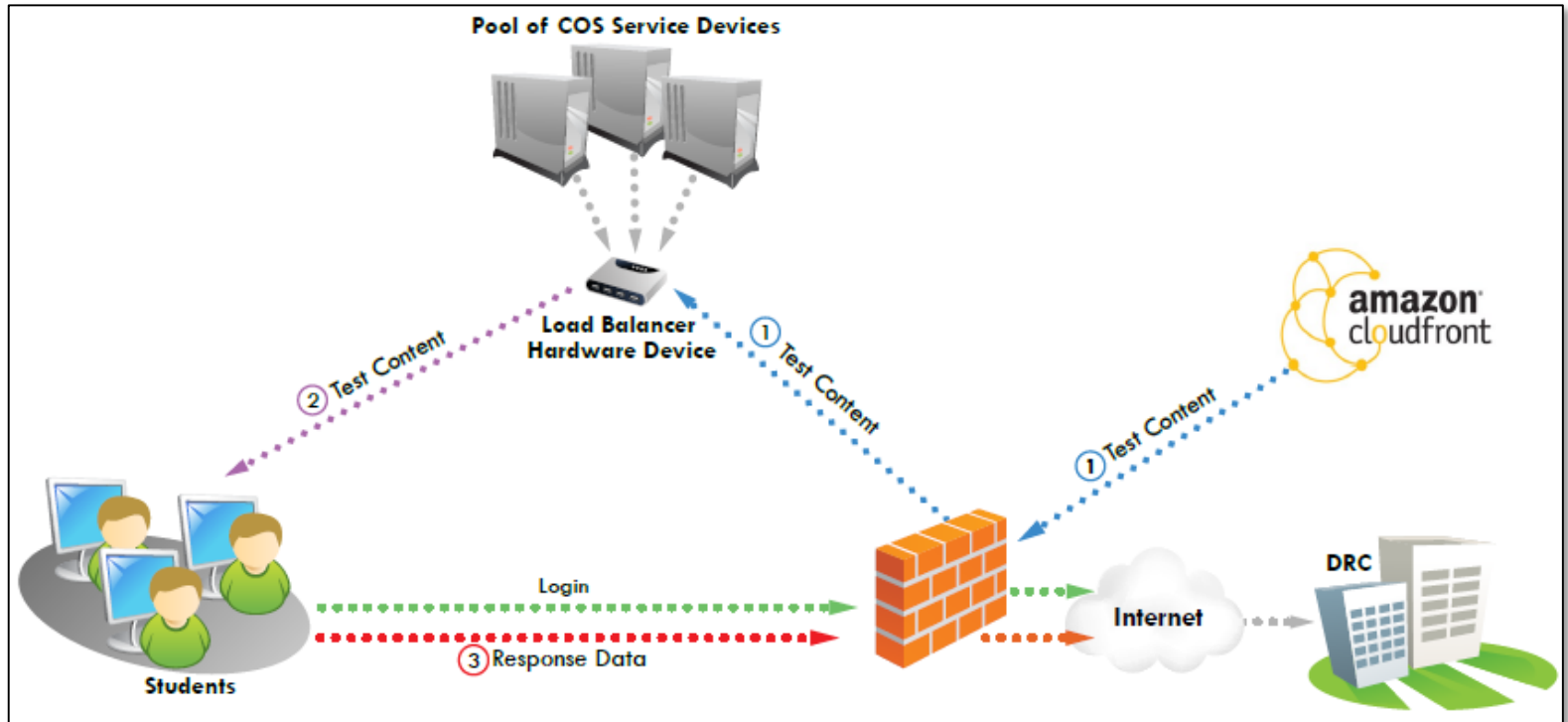
Software based load balancing - This method allows round robin persistent client connections based on the total count of COS Service Devices setup in the COS DTK Configuration.

Summary of Deployment Options





Software based load balancing - This method allows round robin persistent client connections based on the total count of COS Service Devices setup in the COS DTK Configuration.



Hardware based load balancing - This method leverages a local site hosted hardware based load balancer configured to a single load balancer IP address in COS – Service Device.

