



DRC INSIGHT™
ONLINE LEARNING SYSTEM

Technology User Guide
Volume III: Configuring Devices
for Testing

WISCONSIN

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Introduction



■ About This Guide

This user guide is part of a multi-volume set that describes how to configure, install, manage, and troubleshoot the DRC INSIGHT Online Learning System, or DRC INSIGHT. This volume, *Volume III: Configuring Devices for Testing*, provides detailed information about configuring devices using the DRC Device Toolkit.

It describes the DRC Device Toolkit (referred to as the Device Toolkit in this user guide) and the role it plays in configuring devices for testing. It also describes the various tasks you can perform using the Device Toolkit.

□ Important Information

ⓘ **Important:** Throughout this user guide, the Information icon (ⓘ) indicates important information or crucial tips.

■ Device Toolkit Overview

This guide is designed primarily for the District Technology Coordinators (DTCs) who are responsible for setting up and managing online testing and ensuring that their systems work effectively and securely. DTCs should be knowledgeable about the technical details of the various operating systems and have the necessary security privileges to perform the tasks discussed in this guide (see “Software Installation and Update Rights” on page <HT>).

This guide is also designed to help District Assessment Coordinators (DACs) and School Assessment Coordinators (SACs) use DRC’s INSIGHT Online Learning System more effectively. It provides help with configuration and installation, helps answer some common questions, and provides troubleshooting tips.

DRC provides software called the Device Toolkit to configure the testing devices in your environment. You can use the Device Toolkit to configure the Testing Site Manager (TSM), specify the location of a proxy host, and turn automatic software updates off and on. Basically, you use the Device Toolkit after you have installed your TSMs to perform the following tasks:

1. Set up organization units (called ORG Units).
2. Configure each ORG Unit with its appropriate TSM.
3. Organize your testing devices by ORG Unit.
4. Deploy the configurations to your devices.
5. Register the device’s configuration with INSIGHT after you install and start INSIGHT on the device.

Configuring Devices for Testing



■ Device Toolkit

This section describes how to use the DRC INSIGHT Device Toolkit (referred to as the Device Toolkit) to organize, configure, manage, and install your devices for testing with DRC INSIGHT.

You use the Device Toolkit to create and delete ORG Units, add devices to ORG Units, move devices between ORG Units, remove devices from ORG Units, and create ORG Unit configuration files.

□ Device Toolkit ORG Units

The Device Toolkit uses the concept of ORG Units to organize and manage devices. A Device Toolkit ORG Unit is a logical method of grouping your devices for testing with DRC INSIGHT that makes sense for your environment. For example, if you use more than one TSM, you might base your ORG Units on your TSMs. If you have two TSMs, I and II, you could create two ORG Units—one for TSM I and one for TSM II. Or, you might structure your ORG Units based on the location of a set of specific devices.

Each device can belong to only one ORG Unit within a testing program. The Device Toolkit tracks and manages devices by using a unique DRC Device ID that the Device Toolkit creates. You can use the Device Toolkit to move a device from one ORG Unit to another or delete a device from the Device Toolkit. If you delete a device and later add it back in to the Device Toolkit, a new Device ID is generated.

You create each ORG Unit and decide which devices are part of the ORG Unit. At the time you configure the TSM, you specify the configuration once for an entire ORG Unit and every device associated with that ORG Unit is configured to the same TSM. You can perform the following tasks:

- Specify the content caching and/or load simulation server and the port used for communication.
- Select the district and school name associated with the testing computer (required).

□ Google Organizational Units

Device Toolkit ORG Units are different than Google *organizational units*. You use Google organizational units with Chrome device management to give users in an organization access to different features or services and to tailor the settings for various Chrome devices, such as Chromebooks and Android devices (see <https://support.google.com/a/answer/182433>).

■ Configuring INSIGHT

□ Device Toolkit Configuration Files

The process of configuring INSIGHT on devices consists of two parts:

Part 1: Create ORG Units using the Device Toolkit, configure the ORG Units, and assign devices to them.

ⓘ **Important:** You can use Device Toolkit ORG Units for a combination of testing devices.

Part 2: Create a configuration file using the Device Toolkit, download it, and use it when you deploy INSIGHT to the devices you configured.

You can use the Device Toolkit to create a configuration file (.zip file) containing configuration information for each device type (see below). In addition, silent installation information is available for Windows in the desktop.txt file.

ⓘ **Important:** The code in the configuration files is meant as a rough template only. Depending on your MDM software, your configuration could be very different.

Chromeos.json

Contains configuration information for Chromebook devices (see the example below).

```
{"ouIds":{"Value":["WkyutvmVGI"]}}
```

DRCCconfiguration.json

Contains configuration information for Windows and Mac and Linux machines (see the example below).

```
{  
  "config": {  
    "httpsProxy": ""  
  },  
  "ouIds": [  
    "WkyutvmVGI"  
  ],  
  "toolkitUrl": "https://dtk-sqa.drccdirect.com/v2/registrations/"  
}
```

ios.plist

Contains a silent installation command for iPad devices (see the example below).

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.
apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
  <key>ouIds</key>
  <array>
    <string>WkyutvmVGI</string>
  </array>
</dict>
```

❑ Silent Installation

To install INSIGHT on your devices silently, download the configuration .zip file, extract the specific file(s) you need to install INSIGHT based on the devices you configured, and deploy the file(s) to these devices.

❑ Web Browsers and the Device Toolkit

The Device Toolkit is available from [link](#) under Test Setup and is supported for the following web-browser versions.

<u>Browser</u>	<u>Version</u>
Internet Explorer	Version 10 or newer*
Chrome	The most recent Google Chrome stable channel release
Mozilla Firefox	Version 31 or newer

*If you attempt to access the Device Toolkit using an unsupported version of Internet Explorer, you receive a Flash error.

❑ Setting Up INSIGHT on PCs, Macs, and Linux Devices

The following steps describe the process of configuring, installing, deploying, and registering INSIGHT on PCs, Mac (OS X and macOS), and Linux devices.

1. Use the DRC Device Toolkit to create ORG Units and configuration files and organize your devices in the ORG Units.
2. Use a silent installation (many devices) or an interactive installation (one device) to install INSIGHT on one or more machines.
3. If you installed INSIGHT interactively, start INSIGHT and enter the Device Toolkit ORG Unit ID to register the device. If you installed INSIGHT using a silent installation, when you start INSIGHT the device is registered automatically. To test using INSIGHT, you can connect to a Testing Site Manager (TSM) for content caching, load simulation testing, and other functions.

❑ Setting Up INSIGHT on iPad Devices

The following steps describe the process of configuring, installing, deploying, and registering INSIGHT on iPad devices.

1. Use the DRC Device Toolkit to create ORG Units and configuration files and organize your devices in the ORG Units.
2. Use an MDM solution to install INSIGHT on each machine. To *deploy and register* your DRC INSIGHT iPad software automatically, your MDM software must support the Managed App Configuration feature (first introduced in iOS 7).
3. If you installed and registered INSIGHT using an MDM solution, when you start INSIGHT, the iPad device is registered automatically. If you installed INSIGHT using an MDM without the Managed App Configuration feature, start INSIGHT and enter the Device Toolkit ORG Unit ID to register the device.

❑ Setting Up INSIGHT on Chromebook Devices

The following steps describe the process of configuring, installing, deploying, and registering INSIGHT on Chromebook devices. This overview assumes that you have registered your Chromebook devices in your Google domain account (see <https://support.google.com/a/answer/182433>).

1. Use the DRC Device Toolkit to create ORG Units and configuration files and organize your devices in the ORG Units.
2. Use Chrome device management to install and deploy INSIGHT and the configuration files to your Chromebook devices. The INSIGHT App is installed as a Kiosk application the next time the policy is reloaded, which takes place once every three hours. To deploy the INSIGHT App immediately, enter **chrome://policy** in the address bar of the Chromebook and click **Reload policies**.
3. After INSIGHT is deployed, without logging into your Chromebook, start it on each Chromebook device to register the device with INSIGHT.

❑ Setting Up INSIGHT on Android Devices

The following steps describe the process of configuring, installing, deploying, and registering INSIGHT on Android devices.

1. Use the DRC Device Toolkit to create ORG Units and configuration files and organize your devices in the ORG Units.
2. Using the Android device, navigate to the eDIRECT site and select **Test Setup–Downloads** to display the Downloads page.
3. From the eDIRECT Downloads page, download the INSIGHT.apk file (the INSIGHT executable file for Android devices) and install the INSIGHT.apk file from the Android's download folder.
4. After INSIGHT is installed, start it on the Android device to register the device with INSIGHT.

■ Configuring and Installing INSIGHT with a TSM

The following steps describe the process of configuring a device and installing INSIGHT with a TSM.

1. To use a TSM, install one or more TSMs on desktop or laptop computers that have static IP addresses and will be available around the clock.
2. Sign on to using a supported browser (see “□ Web Browsers and the Device Toolkit” on page 9) and use the Device Toolkit link to start the DRC INSIGHT Device Toolkit.
3. Use the Device Toolkit to organize and configure your devices by performing the following tasks:
 - Create ORG Units based on your testing setup and needs, group the devices into ORG Units, and configure the ORG Unit by specifying the district, school, and TSM connection information for the devices in the ORG Unit.
 - Check the contents of the log files during testing to monitor testing and device activity and make any configuration changes.
4. Install the DRC INSIGHT App on your devices and launch INSIGHT to register the device.
5. Run the System Readiness Check to verify that the device can connect to the TSM and is ready for testing. If necessary, use the Device Toolkit to reconfigure the device ORG Unit and redeploy the configuration software.
6. Test the configurations and monitor the log files for issues.

□ TSM Considerations

Because of the role that the TSM plays in testing, there are some special considerations regarding TSM software configuration and installation.

- Install TSMs *before* you install INSIGHT, and specify the path to the TSMs and the communication port using the Device Toolkit.
- The computer on which you install the TSM software should have a static IP address (an address that does not change when the computer is restarted or rebooted). If the IP address of a TSM machine changes, you must use the Device Toolkit to update the TSM configuration.
- To change or remove a TSM configuration after a device is configured, you must use the Device Toolkit. When you restart INSIGHT, it automatically updates the device’s configuration to reflect your changes.

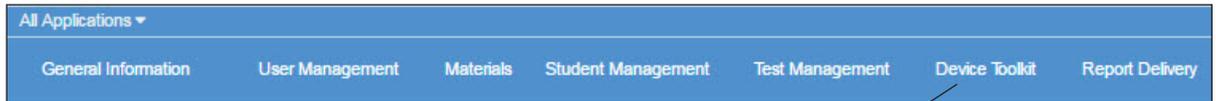
❑ Installing Multiple TSMs and INSIGHT

If you plan to perform multiple types of testing programs using the same testing computers, you may need to install more than one TSM.

- You cannot install more than one TSM on the same computer—each TSM must be installed on a dedicated computer.
- You can use INSIGHT to access multiple testing programs (for example, ACCESS for ELLs 2.0 and your state-specific testing program) from the same device. You access these testing programs using the same DRC INSIGHT desktop shortcut. When you start INSIGHT, a page displays listing the different testing programs from which you can select.
- You can install a TSM and INSIGHT on the same computer.

Starting the Device Toolkit and Displaying an ORG Unit

To start working with the Device Toolkit, you use the Device Toolkit link in eDIRECT.



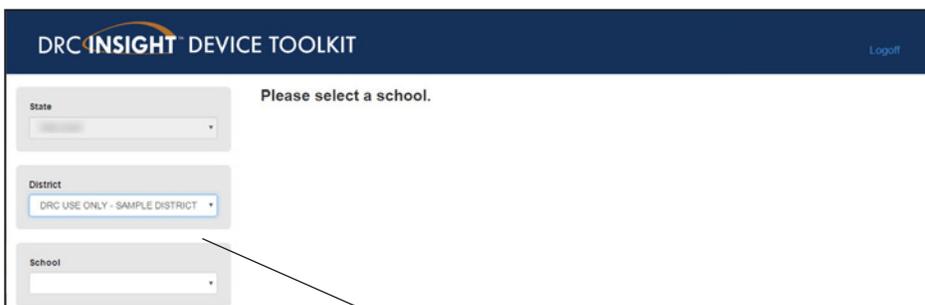
1. To start the Device Toolkit, sign on to eDIRECT, open the **All Applications** menu, and click the **Device Toolkit** link.

Note: You must have the Device Toolkit permission in eDIRECT to access this link.



2. When the DRC INSIGHT Device Toolkit page displays, select a school district from the District drop-down menu.

Note: You only see the districts you can access.



3. Select a school from the School drop-down menu.

Note: You only see the schools you can access.

Starting the Device Toolkit and Displaying an ORG Unit (cont.)

The screenshot shows the DRC INSIGHT DEVICE TOOLKIT interface. On the left, there are three dropdown menus for 'State', 'District', and 'School'. Below them is a green 'Add a new ORG Unit' button. A list of ORG Units is displayed below the button, including 'Dist 4, School 4, Rm 4', 'Dist 5, School 4, Rm 4', and 'Dist 5, School 4, Rm 5'. A callout box with a number '4' points to the 'Add a new ORG Unit' button.

4. Select an ORG Unit from the list below the **Add a new ORG Unit** button.

! Important: In the Device Toolkit, the System Readiness Check Access Code displays at the bottom of the list of ORG Units. Remember this code—you must enter it to access the System Readiness Check from a device and display the ORG Unit configuration properties for the device.

System Readiness Check
Access Code: 7745

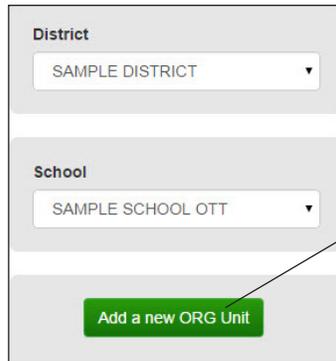
The screenshot shows the configuration page for the ORG Unit 'Dist 5, School 5, Rm 5'. The page has a header with the DRC INSIGHT DEVICE TOOLKIT logo and a 'Logoff' link. On the left, there are dropdown menus for 'State' (Wisconsin), 'District' (DRC USE ONLY - SAMPLE DISTRICT), and 'School' (DRC USE ONLY - eDIRECT SAMPLE SCHC). Below them is a green 'Add a new ORG Unit' button and a list of ORG Units. The main content area is titled 'Configuration for Dist 5, School 5, Rm 5' and contains a form with the following fields: 'ORG Unit ID' (XJbmkELM), 'ORG Unit Name' (Dist 5, School 5, Rm 5), 'Proxy Host' (e.g., http://10.3.97.118:8080/), 'Enable Auto Update' (checkbox), 'Enable Content Caching' (checkbox), 'Enable Load Simulation' (checkbox), and 'TSM Content Caching and Simulation Server' (e.g., https://10.3.97.118:8443/). A callout box points to the 'Proxy Host' field.

The configuration page for the ORG Unit you selected displays. From this page you can perform the following tasks:

- Create and configure a new ORG Unit
- Select another ORG Unit
- Update the configuration of the ORG Unit
- Delete the ORG Unit
- Download a configuration file
- Add, move, or remove devices
- View the log files for the ORG Unit
- Enable or disable automatic updates of the INSIGHT software

Creating and Deleting ORG Units

You can use the Device Toolkit to create or delete ORG Units to organize your devices for testing.

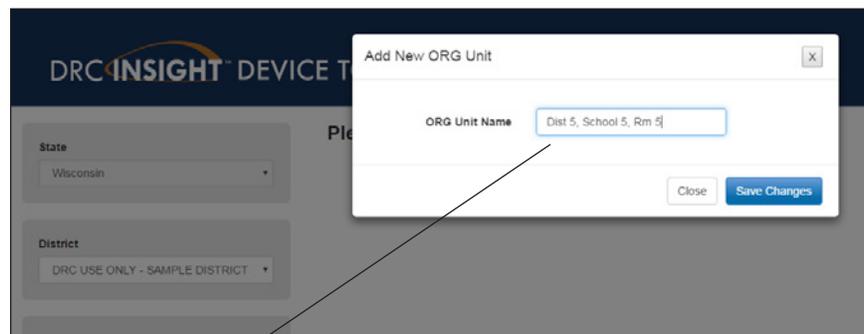


District
SAMPLE DISTRICT

School
SAMPLE SCHOOL OTT

Add a new ORG Unit

1. From the Device Toolkit, click **Add a new ORG Unit** to create a new unit.

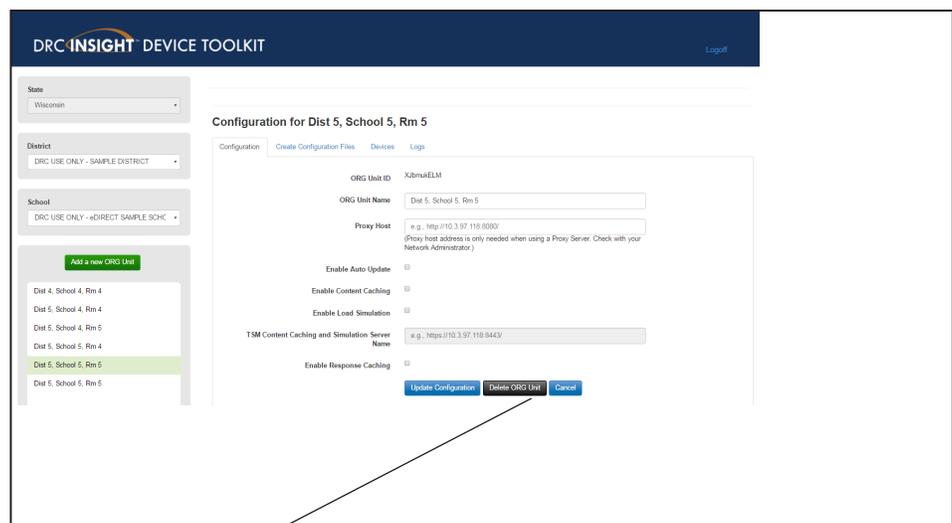


Add New ORG Unit

ORG Unit Name Dist 5, School 5, Rm 5

Close Save Changes

2. When the **Add New ORG Unit** dialog box displays, enter a meaningful name for the ORG Unit that will help you categorize and organize your devices for testing and click **Save Changes**.



DRC INSIGHT DEVICE TOOLKIT

State Wisconsin

District DRC USE ONLY - SAMPLE DISTRICT

School DRC USE ONLY - INDIRECT SAMPLE SCHC

Add a new ORG Unit

Dist 4, School 4, Rm 4

Dist 5, School 4, Rm 4

Dist 5, School 4, Rm 5

Dist 5, School 5, Rm 4

Dist 5, School 5, Rm 5

Dist 5, School 5, Rm 5

Configuration for Dist 5, School 5, Rm 5

Configuration Create Configuration Files Devices Logs

ORG Unit ID X2bmaELM

ORG Unit Name Dist 5, School 5, Rm 5

Proxy Host e.g., http://10.3.97.118:8080/ (Proxy host address is only needed when using a Proxy Server. Check with your Network Administrator.)

Enable Auto Update

Enable Content Caching

Enable Load Simulation

TSM Content Caching and Simulation Server Name e.g., https://10.3.97.118:8443/

Enable Response Caching

Update Configuration Delete ORG Unit Cancel

3. The configuration page for the ORG Unit you created displays. To delete the ORG Unit, click **Delete ORG Unit**. A dialog box displays to confirm the deletion.

Configuring an ORG Unit TSM

This section describes how to use the Device Toolkit to specify a proxy server, automatic software updates, and configure one or more TSMs for an ORG Unit for content caching and/or load simulation testing.

Configuration for Dist 5, School 5, Rm 5

Configuration | Create Configuration Files | Devices | Logs

ORG Unit ID: XJbmukELM

ORG Unit Name: Dist 5, School 5, Rm 5

Proxy Host: e.g., http://10.3.97.118:8080/
(Proxy host address is only needed when using a Proxy Server. Check with your Network Administrator.)

Enable Auto Update:

Enable Content Caching:

Enable Load Simulation:

TSM Content Caching and Simulation Server Name: <https://8ac5d23c-a1c0-4637-b154-e4f143e2b8a2-legacy-prod.drc-centraloffice>

1. From the Device Toolkit, select an ORG Unit. The configuration page for the ORG Unit you opened or created displays with a unique, alphanumeric ORG Unit ID.

2. To specify a proxy host server, enter the server name (or IP address) and port number (separated by a colon), followed by a forward slash (/), in the Proxy Host field.

Note: Many sites do not use a proxy server. If you are unsure whether your site uses one, contact your network administrator.

ORG Unit Name: Dist 5, School 5, Rm 5

Proxy Host: e.g., http://10.3.97.118:8080/
(Proxy host address is only needed when using a Proxy Server. Check with your Network Administrator.)

Enable Auto Update:

Enable Content Caching:

Enable Load Simulation:

TSM Content Caching and Simulation Server Name: <https://8ac5d23c-a1c0-4637-b154-e4f143e2b8a2-legacy-prod.drc-centraloffice>

Enable Response Caching:

Configuring an ORG Unit TSM (cont.)

3. To enable automatic INSIGHT software updates, select **Enable Auto Update**.

- If you select Enable Auto Update, DRC updates the INSIGHT software automatically.
- If you do not select Enable Auto Update, DRC notifies you whenever an update to the INSIGHT software is available and you must update the software manually.

4. To specify a server to use for test content caching and/or load simulation testing, select **Enable Content Caching** and/or **Enable Load Simulation**. In the TSM Content Caching and Simulation Server Name field, enter or paste the TSM Server Domain name* (from the TSM), prefixed with https:// and followed by a colon, the port number, and a forward slash (/). Do not use the example, it is an example only.

Example

https://37525ee4-aa4b-47dc-8a9e-19413d7348e5-legacy-sqa.drc-centraloffice.com:8443/

! Important: *Starting with version 9.0.1_0, the TSM includes a TSM Server Domain name (If you did not save this information when you installed the TSM, you can retrieve it by starting the TSM.) Upon startup, the TSM sends its IP address to the registration API for DNS resolution. If the IP address of a TSM machine changes, when INSIGHT is restarted, it automatically updates the device's TSM configuration to reflect the change. In general, a TSM server should have a static IP address (an IP address that does not change when the computer is restarted or rebooted). Remember to include the forward slash (/) at the end of the path to the TSM server—without it your TSM may not be configured correctly.

Configuring an ORG Unit TSM (cont.)

5. To specify a server to use for test response caching for Writing domain test responses, select **Enable Response Caching**. In the TSM Response Caching Server Name field, enter or paste the TSM Server Domain name*, prefixed with `https://` and followed by a colon, the port number, and a forward slash (/). Do not use the example, it is an example only.

Example

`https://37525ee4-aa4b-47dc-8a9e-19413d7348e5-legacy-sqa.drc-centraloffice.com:8443/`

The screenshot shows a configuration form for an ORG Unit. The fields and options are as follows:

- ORG Unit ID: XJbmukELM
- ORG Unit Name: Dist 5, School 5, Rm 5
- Proxy Host: e.g., http://10.3.97.118:8080/ (Proxy host address is only needed when using a Proxy Server. Check with Network Administrator.)
- Enable Auto Update:
- Enable Content Caching:
- Enable Load Simulation:
- TSM Content Caching and Simulation Server Name: `https://8ac5d23c-a1c0-4637-b154-e4f143e2b8a2-legacy-prod.drc-centralo`
- Enable Response Caching:
- TSM Response Caching Server Name: e.g., `https://10.3.97.118:8443/`

At the bottom of the form are three buttons: **Update Configuration** (highlighted with a blue border), **Delete ORG Unit** (black), and **Cancel** (blue).

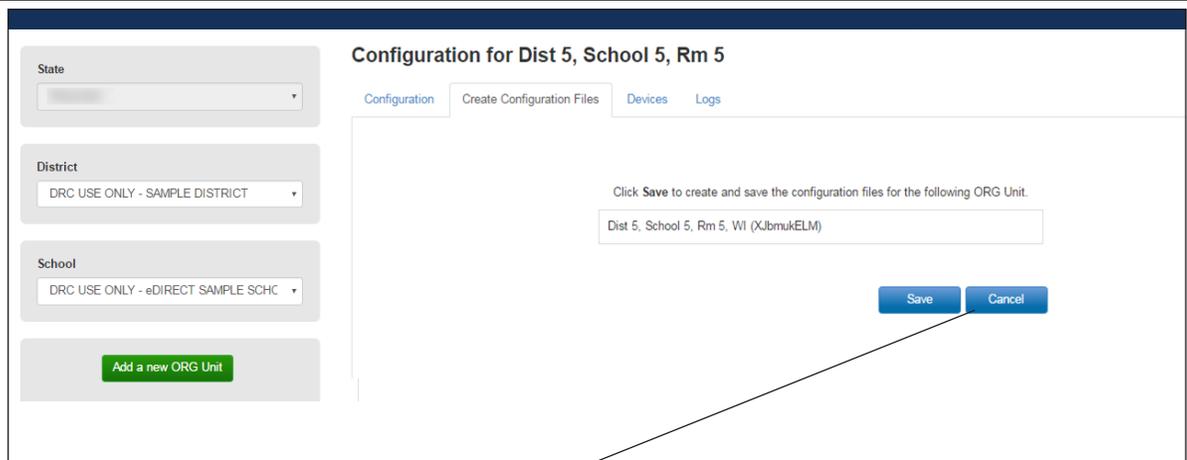
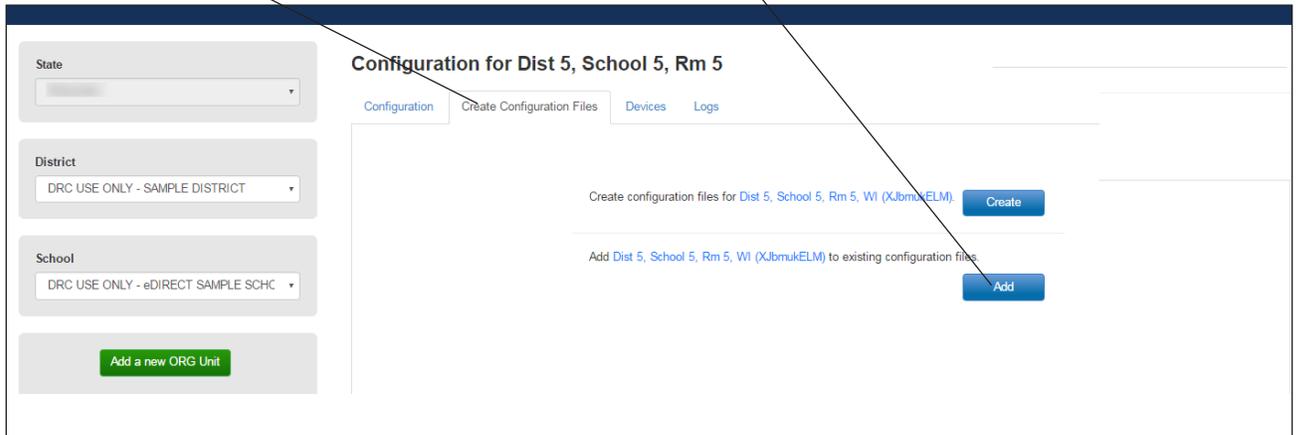
6. Click **Update Configuration** to save your changes or **Cancel** to cancel them. A message displays indicating whether the configuration was updated successfully.

Creating a Configuration File

You can use the Device Toolkit to create a configuration file using an existing ORG Unit. You use this file to configure your devices when you install INSIGHT.

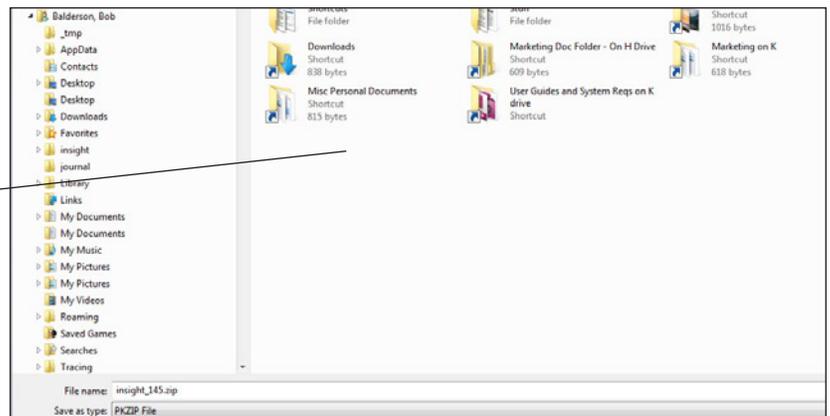
1. Select an ORG Unit from the Device Toolkit and select the **Create Configuration Files** tab.

2. To create a configuration file from the ORG Unit, click **Create**.



3. Click **Save** to create a configuration file or **Cancel** to cancel the process.

4. When you click **Save**, a dialog box displays that you can use to download the .zip configuration file. Remember the name and location of the file; you need to use the contents of this file to configure your devices when you install INSIGHT. (For a description of the content of this file, see "Device Toolkit Configuration Files" on page 8.



■ Creating Configuration Files for Multiple Testing Programs

You can use one testing device for more than one type of testing program (for example, WIDA and your state-specific testing program). First, you select the Device Toolkit from the state's eDIRECT site. Next, you use each Device Toolkit to create ORG Unit configuration files. Then, you combine the ORG Unit's configuration with another ORG Unit configuration file to group the configurations (see "Adding an ORG Unit Configuration to a Configuration File" on page 22).

After the combined configuration file is distributed to the device, when INSIGHT is started the user can select a testing program (see below).

Select a testing program:

Testing Program A

Testing Program B

❑ Configuration Files, ORG Units, and the TSM

Each TSM you use must be identified in the Device Toolkit.

.....
! **Important:** To prevent potential issues and avoid overloading a TSM during testing, DRC recommends that each ORG Unit should be configured to use a unique TSM (see the scenario below).
.....

Scenario: Potential TSM Overload

Even if you limit the number of devices per ORG Unit, the possibility exists to overload the TSM by stacking ORG Units.

Assume the following:

1. You configure ORG Unit A with a TSM for testing, create a configuration file, and use this configuration for one group of testing devices.
2. You configure ORG Unit B with the same TSM, create a configuration file, and use this configuration for a different set of testing devices.
3. You use the both configurations to perform testing.

The potential may exist for too many testing devices to simultaneously access the same TSM, which could overload the TSM. For details regarding the number of concurrent testers and system requirements, refer to the latest version of the *DRC INSIGHT Online Learning System Supported System Requirements* available at your state's eDIRECT site by navigating to All **Applications–General Information–Downloads** and clicking **View System Requirements**.

[View System Requirements](#)

[Monitor Setting Verification](#)



[Supported System Requirements](#)

Adding an ORG Unit Configuration to a Configuration File

Some testing devices will be used for more than one type of assessment. You can use the Device Toolkit to add an ORG Unit's configuration to an existing configuration file to create a configuration file containing multiple testing programs.

Note: You cannot add Device Toolkit ORG Units together that are part of the same testing program. You also cannot add two instances of the same test to a single configuration.

1. Select the ORG Unit you want to add from the Device Toolkit, and select the **Create Configuration Files** tab.

2. To add this ORG Unit to an existing configuration file, click **Add**.

Configuration for Dist 5, School 5, Rm 5

Configuration Create Configuration Files Devices Logs

State
District
DRC USE ONLY - SAMPLE DISTRICT
School
DRC USE ONLY - eDIRECT SAMPLE SCHC
Add a new ORG Unit

Create configuration files for Dist 5, School 5, Rm 5, WI (XJbmukELM). Create

Add Dist 5, School 5, Rm 5, WI (XJbmukELM) to existing configuration files. Add

Configuration for Dist 5, School 5, Rm 5

Configuration Create Configuration Files Devices Logs

Click **Browse** to select a configuration file.

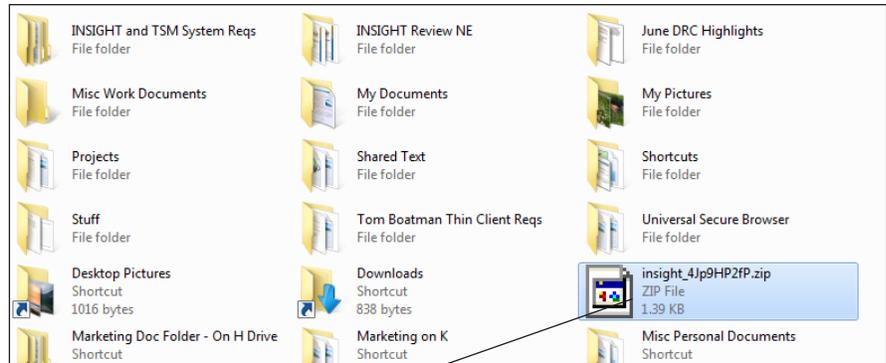
Browse... Search for a previously saved zip file

Click **Add** to add Dist 5, School 5, Rm 5, NE (WkujC1MIGg) to an existing configuration.

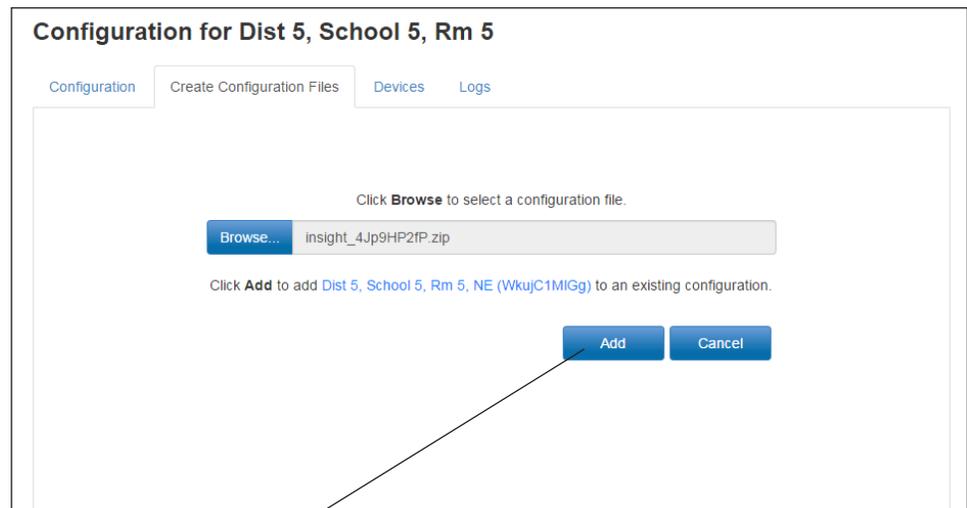
Add Cancel

3. Click **Browse** to search for an existing configuration file.

Adding an ORG Unit Configuration to a Configuration File (cont.)



4. A dialog box displays. Use it to locate and select the .zip configuration file to add to the configuration.



5. Click **Add** when you are ready to add the configuration, or click **Cancel** to cancel the process.

An Alternate Method of Adding Testing Programs to a Device

For testing devices that will be used for an additional testing program but are currently only configured for one testing program, instead of re-deploying a multiple-client configuration file to the device, there is an alternate method.

1. Launch INSIGHT on the device and start the System Readiness Check.

System Information				
Client Version	Configuration Source	Installation Directory		
6.0.0	Device Toolkit	C:\Program Files (x86)\DRC INSIGHT Online Assessments		
Machine Name	User Name	OS Level	OS Version	
MGWS11274	BBalderson	Microsoft Windows 7 Enterprise Edition Service Pack 1 (build 7601), 64-bit	6.1	
Response Caching TSM Connection	Response Caching TSM Configuration	Content Caching TSM Connection	Content Caching TSM Configuration	
https://MGWS11274:8080/	Yes	https://MGWS11274:8080/	Yes	
HTTPS Proxy	Device ID	Device Toolkit Organizational Unit and ID	District	School
	7y8QZdxUI	District 5, School 5, Rm 5 (5612)	DRC Use Only - Sample District	DRC Use Only - OTT Sample School

2. Locate the Device ID on the System Readiness Check page, write it down, and exit INSIGHT.

3. Log on to the other eDIRECT testing program site that you want the device to use and launch the Device Toolkit.

DRC INSIGHT DEVICE TOOLKIT Logoff

Please select a school district.

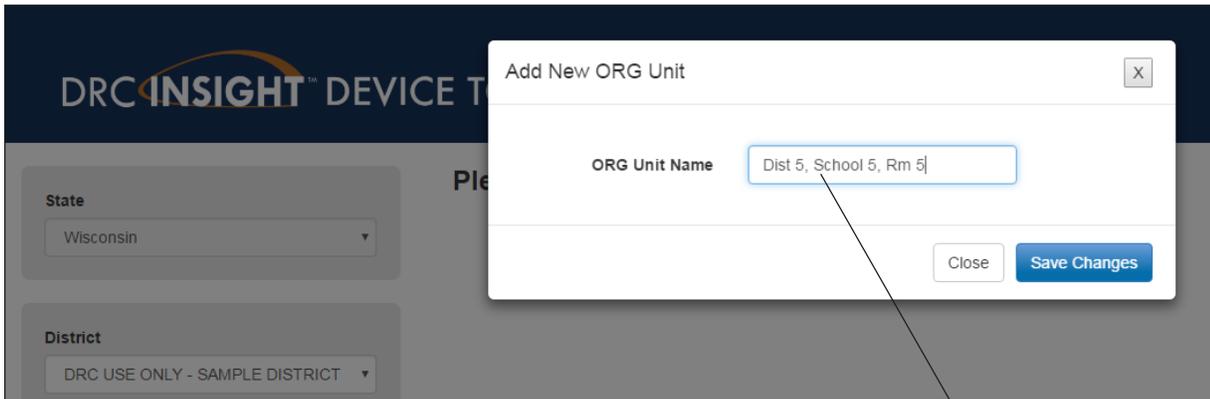
State:

District:

System Readiness Check Access Code: **7745**

eDirect | Testing Setup | Device Toolkit

An Alternate Method of Adding Testing Programs to a Device (cont.)



4. Create or select a Device Toolkit ORG Unit for the device(s), select the **Devices** tab, click **Add Device by ID**, enter (or paste) the Device ID in the Device ID field, and click **Save Changes**. Repeat this step for each device you want to use for the additional testing program.

Select a testing program:

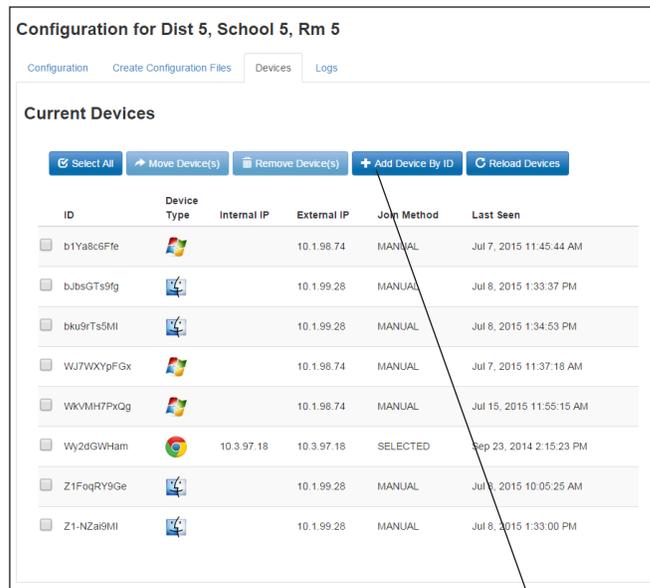
Testing Program A

Testing Program B

5. Launch INSIGHT on the device. Both testing programs will display on the device. Click on the testing program you want to use.

Adding Devices

You can use the Device Toolkit to add devices to an ORG Unit to organize your devices for testing. To add a device, you must know the Device ID (see “An Alternate Method of Adding Testing Programs to a Device” on page 24).



1. After you have selected an ORG Unit from the Device Toolkit, select the **Devices** tab and click **Add Device By ID** to add a device to the unit.

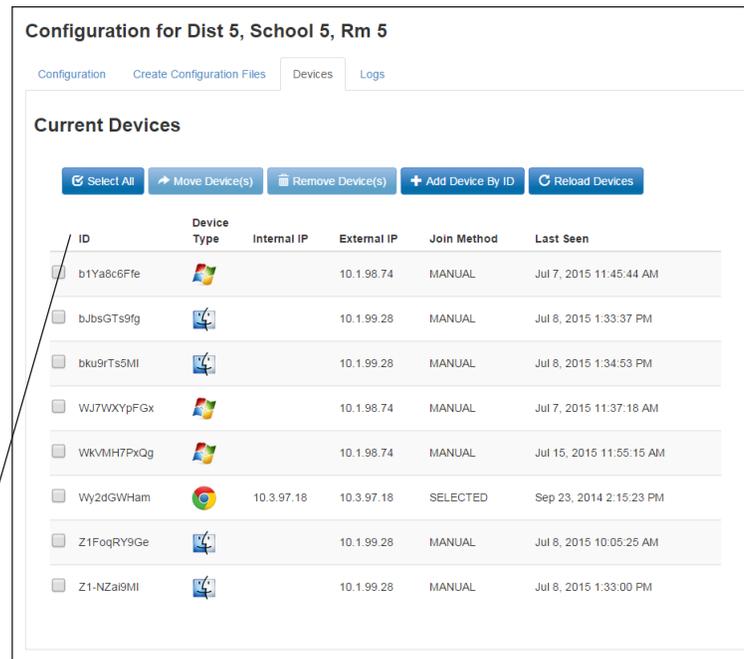


2. When the Add New Device dialog box displays, enter the ID of the device in the Device ID field and click **Save Changes**. Click **OK** to add the device to the ORG Unit. The **Devices** tab reappears with the device added.

Note: The Device ID is not the device's serial number.

Adding Devices—Configuration Page Device Fields

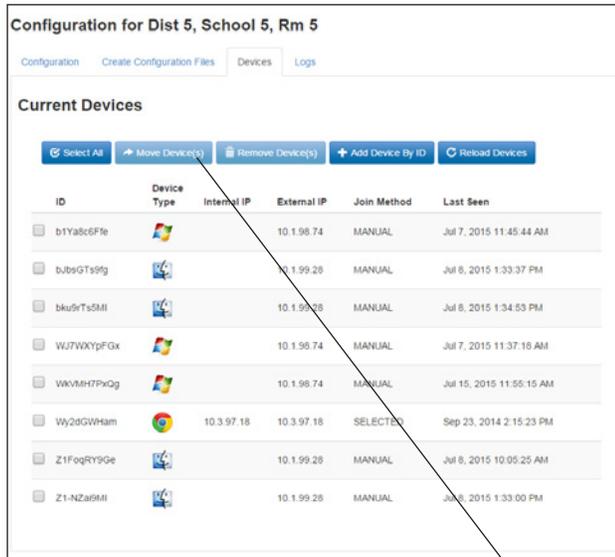
The fields on the Device Toolkit Configuration page provide details about the devices listed in the ORG Unit (see the table below).



Field	Description
ID	The unique, 10-digit, alphanumeric Device ID that the Device Toolkit created for the device
Device Type	An icon representing the device type. The icons and their respective device type or operating system are shown below. Android device Chromebook device iPad Linux Mac (OS X and macOS) Windows
Internal IP	The internal IP address of the device
External IP	The external IP address of the device
Join Method	The method used to register the device. The possible values are as follows MANUAL Displays if a user entered the Device Toolkit ORG Unit ID, either by using the Add Device by ID button or in response to a <i>Configuration Not Found</i> error message SELECTED Displays if the device was registered using the drop-down list from an earlier version of the Device Toolkit AUTOMATIC Displays if the device was registered using the current configuration file process
Last Seen	Date and time (CT) the device was last used for INSIGHT testing

Moving Devices **Between ORG Units**

You can use the Device Toolkit to move one or more devices between ORG Units to organize your devices for testing.



1. Select an ORG Unit you want to move devices from (the source ORG Unit), select the **Devices** tab, select each device you want to move from the source ORG Unit, and click **Move Device(s)** (or click **Select All** to move all the devices).

Change ORG Unit. [X]

ORG Unit Name: Dist 4, School 3, Rm 7, Chron

Close Save Changes

2. When the Change ORG Unit dialog box displays, select the name of the target ORG Unit from the drop-down menu in the ORG Unit Name field and click **Save Changes**. Each device you selected is moved to the target ORG Unit.

Moving Devices Between Districts and/or Schools

You can use the Device Toolkit to move one or more devices between districts and/or schools without having to uninstall and reinstall each device. To perform this process, you remove each device from its source ORG Unit (the ORG Unit to which the device is currently assigned) and add it to the target ORG Unit (the ORG Unit in a different district and/or school to which you are moving the device). Then, launch INSIGHT on the device and verify that the process was successful.

Note: This process is to help you keep your devices organized. For testing purposes, devices do not have to be in their designated district or school—any student at any school can test on any device. The Device Toolkit settings are basically used to indicate whether automatic INSIGHT software updating (Auto Update) is enabled and to provide the connection information for a proxy host, content caching, and response caching.

! Important: To perform this process you must have the correct permissions to access multiple districts and/or schools. You also must know the device ID of each device you want to move, the name of each **source** ORG Unit, and the name of each existing **target** ORG Unit (you can create target ORG Units during the process—see “Creating and Deleting ORG Units” on page 15).

1. To move one or more devices to a different district or school, from the Device Toolkit select the source ORG Unit.

2. Select the **Devices** tab.

3. Locate each device that you want to move.
Hint: If necessary, use your browser to search by device ID to locate a device.

The screenshot shows the DRC INSIGHT DEVICE TOOLKIT interface. On the left, there are dropdown menus for State (Nebraska), District (SAMPLE DISTRICT), and School (SAMPLE SCHOOL SMOKE TEST). Below these is a green button labeled "Add a new ORG Unit" and a list of ORG Units including "A Source ORG Unit", "April (TD)", "CTBKatie", and "David". The main content area is titled "Configuration for A Source ORG Unit" and has tabs for "Configuration", "Create Configuration Files", "Devices", and "Logs". The "Devices" tab is selected, showing a table of "Current Device" information. A "Select All" button is visible above the table.

ID	Device Type	Internal IP	External IP	Join Method	Last Seen
<input type="checkbox"/> QJxt4Esg	Windows	10.10.51.164	10.1.98.1, 10.2.111.20	MANUAL	Nov 3, 2015 1:05:26 PM
<input type="checkbox"/> QytSdm7Bg	Windows	10.10.51.142	10.1.108.18, 10.2.111.20	MANUAL	Aug 4, 2015 12:02:07 PM
<input type="checkbox"/> QyvXLxILe	Android	10.10.56.192	207.67.104.66, 10.2.111.20	MANUAL	Aug 18, 2015 6:24:35 PM
<input type="checkbox"/> Qyv98e5sx	Windows	192.168.128.202	192.168.128.202, 10.2.111.20	MANUAL	Oct 22, 2015 9:06:17 AM
<input type="checkbox"/> X1f7oXqje	Windows	10.10.51.54	10.10.51.54, 10.2.111.20	MANUAL	Oct 21, 2015 3:17:44 PM

Moving Devices Between Districts and/or Schools (cont.)

4. For each device you want to move, record the device ID from the ID field. You also can right-click, and copy and paste the device ID into the clipboard for a single device, or to paste into a file to use for multiple devices.

Note: If you do not know the device's ID, start the System Readiness Check on the device you want to move to locate it (see step 14 on page 33).

Current Devices

Select All Move Device(s) Remove Device(s) Add Device By ID Reload Devices

ID	Device Type	Internal IP	External IP	Join Method	Last Seen
<input type="checkbox"/> QJxt4Esnq		10.10.51.164	10.1.98.1, 10.2.111.20	MANUAL	Nov 3, 2015 1:05:26 PM
<input type="checkbox"/> QytSdm7Bg		10.10.51.142	10.1.108.18, 10.2.111.20	MANUAL	Aug 4, 2015 12:02:07 PM
<input type="checkbox"/> QyvXLxlLe		10.10.56.192	207.67.104.66, 10.2.111.20	MANUAL	Aug 18, 2015 6:24:35 PM
<input type="checkbox"/> Qywa8e5sx		192.168.128.202	192.168.128.202, 10.2.111.20	MANUAL	Oct 22, 2015 9:06:17 AM
<input checked="" type="checkbox"/> X1f7oXqje		10.10.51.54	10.10.51.54, 10.2.111.20	MANUAL	Oct 21, 2015 3:17:44 PM

Copy Ctrl+C
Search Google for "X1f7oXqje"
Print... Ctrl+P
Inspect Ctrl+Shift+I

Current Devices

Select All Move Device(s) Remove Device(s) Add Device By ID

ID	Device Type	Internal IP	External IP
<input type="checkbox"/> QJxt4Esnq		10.10.51.164	10.1.98.1, 10.2.111.20
<input type="checkbox"/> QytSdm7Bg		10.10.51.142	10.1.108.18, 10.2.111.20
<input type="checkbox"/> QyvXLxlLe		10.10.56.192	207.67.104.66, 10.2.111.20
<input type="checkbox"/> Qywa8e5sx		192.168.128.202	192.168.128.202, 10.2.111.20
<input checked="" type="checkbox"/> X1f7oXqje		10.10.51.54	10.10.51.54, 10.2.111.20

Are You Sure?

Removing selected device(s) will not impact any test results previously submitted by this device, nor the results if the device is actively being used in a test session.

Do you want to continue to remove the selected devices from this ORG unit?

No Yes

5. Enter a checkmark next to each device you want to move, and click **Remove Device(s)**.

6. When the **Are You Sure?** dialog box displays, click **Yes** after verifying that you have selected the correct device(s).

Moving Devices Between Districts and/or Schools (cont.)

7. Select the target district and/or school and select (or create) the target ORG Unit.

8. Select the **Devices** tab.

Configuration for A Target ORG Unit

Configuration Create Configuration Files **Devices** Logs

Current Devices

Select All Move Device(s) Remove Device(s) + Add Device By ID Reload Devices

ID	Device Type	Internal IP	External IP	Join Method	Last Seen
----	-------------	-------------	-------------	-------------	-----------

9. Click **Add Device By ID**.

Add New Device

Device ID X1f7oXqje

Close Save Changes

10. When the Add New Device dialog box displays, enter (or paste) the device ID of the first device you want to move in the Device ID field and click **Save Changes**.

Moving Devices Between Districts and/or Schools (cont.)

11. A message displays indicating that the device was added to the ORG Unit and the device displays in the Current Devices page.

The screenshot shows the 'DEVICE TOOLKIT' interface. At the top right, a green notification box states: 'Device 'X1f7oXqje' added to A Target ORG Unit.' Below this, the page title is 'Configuration for A Target ORG Unit'. There are four tabs: 'Configuration', 'Create Configuration Files', 'Devices', and 'Logs'. The 'Devices' tab is active. Under the heading 'Current Devices', there are five buttons: 'Select All', 'Move Device(s)', 'Remove Device(s)', '+ Add Device By ID', and 'Reload Devices'. Below the buttons is a table with the following data:

ID	Device Type	Internal IP	External IP	Join Method	Last Seen
<input type="checkbox"/> X1f7oXqje		10.10.51.54	10.10.51.54, 10.2.111.20	MANUAL	Oct 21, 2015 3:17:44 PM

12. Repeat steps 9–11 for each device you want to move to this ORG Unit.

The screenshot shows a configuration form for adding a new ORG Unit. It has three sections: 'District' with a dropdown menu showing 'SAMPLE DISTRICT'; 'School' with a dropdown menu showing 'SAMPLE SCHOOL SMOKE TEST'; and 'Add a new ORG Unit' with a green button. Below the button, there are two radio button options: 'A Target ORG Unit' and 'Another Target ORG Unit', with the second option selected.

13. To move devices to a different district and/or school and/or ORG Unit, make the correct selections from the Device Toolkit and repeat steps 8–12.

Moving Devices Between Districts and/or Schools (cont.)

14. To verify that the process was successful, start DRC INSIGHT on the device and open the System Readiness Check by clicking the checkmark in the lower left corner of the INSIGHT portal page.



Enter Access Code

Submit Cancel

15. When prompted, enter the **7745** access code in the Enter Access Code field and click **Submit**.

16. On the System Information page that displays, the District and/or School should indicate the target location.

System Information				
Client Version	Configuration Source	Installation Directory		
7.0.0	Device Toolkit	C:\Program Files\DRC INSIGHT Online Assessments		
Machine Name	User Name	OS Level	OS Version	
MGLT23211	wgarnett	Microsoft Windows 7 Professional Service Pack 1 (build 7601), 32-bit	6.1	
Response Caching TSM Connection	Response Caching TSM Configuration	Content Caching TSM Connection	Content Caching TSM Configuration	
https://38d6f570-7198-408b-a57e-887ac3bcc602-legacy-prod.drc-centraloffice.com:8443/	Yes	https://38d6f570-7198-408b-a57e-887ac3bcc602-legacy-prod.drc-centraloffice.com:8443/	Yes	
HTTPS Proxy	Device ID	Device Toolkit Organizational Unit and ID	District	School
	Qyg3GsOTZ	Luke (76005)	SAMPLE DISTRICT	SAMPLE SCHOOL SMOKE TEST
Required Test List				
Status	Test Name	Details		
✔	Screen Resolution	Details		
✔	Internet Connection	Details		
✔	RAM	Details		
✔	Audio Capability	Details		
✔	OS Level	Details		

Removing Devices

You can use the Device Toolkit to remove one or more devices from an ORG Unit.

Configuration for Dist 5, School 5, Rm 5

Configuration Create Configuration Files **Devices** Logs

Current Devices

Select All Move Device(s) **Remove Device(s)** Add Device By ID Reload Devices

ID	Device Type	Internal IP	External IP	Join Method	Last Seen
<input type="checkbox"/> b1Ya8c6Ffe			10.1.98.74	MANUAL	Jul 7, 2015 11:45:44 AM
<input type="checkbox"/> bJbsGTs9fg			10.1.99.28	MANUAL	Jul 8, 2015 1:33:37 PM
<input type="checkbox"/> bku9rTs5MI			10.1.99.28	MANUAL	Jul 8, 2015 1:34:53 PM
<input type="checkbox"/> WJ7WXYpFGx			10.1.98.74	MANUAL	Jul 7, 2015 11:37:18 AM
<input type="checkbox"/> WkVMH7PxQg			10.1.98.74	MANUAL	Jul 15, 2015 11:55:15 AM
<input checked="" type="checkbox"/> Wy2dGWHam		10.3.97.18	10.3.97.18	SELECTED	Sep 23, 2014 2:15:23 PM
<input type="checkbox"/> Z1FqRY9Ge			10.1.99.28	MANUAL	Jul 8, 2015 10:05:25 AM

1. Select an ORG Unit and select the **Devices** tab. Select each device you want to remove from the ORG Unit.

2. Click **Remove Device(s)**. A dialog box displays to confirm the process. Click **Yes** to continue or **No** to cancel the process.

Are You Sure?

Removing selected device(s) will not impact any test results previously submitted by this device, nor the results if the device is actively being used in a test session.

Do you want to continue to remove the selected devices from this ORG unit?

No Yes

3. If you click **Yes**, each device you selected is removed from the ORG Unit and no longer displays in the Device Toolkit.

Using Log Files

You can use the Device Toolkit log files to review system information about the devices assigned to an ORG Unit. Device Toolkit log entries are stored for 30 days.

1. Select an ORG Unit and select the **Logs** tab. System information about devices assigned to that ORG Unit displays.

Configuration for Dist 5, School 5, Rm 5

Configuration Create Configuration Files Devices **Logs**

Time	Device ID	Message
Jul 15, 2015 11:57:34 AM	WkVMHTPyQg	Device registered and automatically joined Dist 5, School 5, Rm 5 group (145).
Jul 8, 2015 1:30:22 PM	bkU9T5MI	Device registered and automatically joined Dist 5, School 5, Rm 5 group (145).
Jul 8, 2015 1:30:22 PM	bkU9T5MI	Device registered and automatically joined Dist 4, School 3, Rm 7, Chrome group (22).
Jul 8, 2015 1:35:06 PM	bJbsGTsfG	Device registered and automatically joined Dist 5, School 5, Rm 5 group (145).
Jul 8, 2015 1:34:29 PM	Z1-NZa9MI	Device registered and automatically joined Dist 5, School 5, Rm 5 group (145).
Jul 8, 2015 1:34:29 PM	Z1-NZa9MI	Device registered and automatically joined Dist 4, School 3, Rm 7, Chrome group (22).
Jul 8, 2015 10:06:55 AM	Z1FqRYGGe	Device registered and automatically joined Dist 5, School 5, Rm 5 group (145).
Jul 7, 2015 11:47:15 AM	b1Yabc8Ffe	Device registered and automatically joined Dist 5, School 5, Rm 5 group (145).
Jul 7, 2015 11:38:49 AM	WU7WXYpFGx	Device registered and automatically joined Dist 5, School 5, Rm 5 group (145).
Sep 23, 2014 2:15:30 PM	Wy2sGWHam	Device checked in and retrieved configuration.
Sep 23, 2014 2:14:33 PM	Wy2sGWHam	Device checked in and retrieved configuration.
Sep 23, 2014 2:02:11 PM	Wy2sGWHam	Device checked in and retrieved configuration.
Sep 23, 2014 1:58:06 PM	Wy2sGWHam	Device checked in and retrieved configuration.
Sep 23, 2014 1:57:29 PM	Wy2sGWHam	Device checked in and retrieved configuration.
Sep 23, 2014 1:50:34 PM	Wy2sGWHam	Device checked in and retrieved configuration.
Sep 23, 2014 1:49:24 PM	Wy2sGWHam	Device checked in and retrieved configuration.
Sep 23, 2014 12:34:44 PM	Wy2sGWHam	Device checked in and retrieved configuration.
Sep 23, 2014 12:34:22 PM	Wy2sGWHam	Device checked in and retrieved configuration.
Sep 23, 2014 12:32:03 PM	Wy2sGWHam	Device checked in and retrieved configuration.
Sep 23, 2014 12:28:35 PM	Wy2sGWHam	Device checked in and retrieved configuration.
Sep 23, 2014 11:15:01 AM	Wy2sGWHam	Device checked in and retrieved configuration.
Sep 23, 2014 11:05:25 AM	Wy2sGWHam	Device checked in and retrieved configuration.
Sep 23, 2014 10:10:06 AM	Wy2sGWHam	Device switched to group ID: [22] name: [Dist 4, School 3, Rm 7, Chrome]
Sep 23, 2014 10:09:53 AM	Wy2sGWHam	Device registered.

2. You can view the time an incident was logged, the Device ID, and the message.



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