DETAILED LESSON OUTLINE

COURSE: Standard ROSS Reports

UNIT: Standard ROSS Reports (ST)

SUGGESTED TIME: 4 Hours

TRAINING AIDS: Computer projector, screen, PowerPoint presentation, and computers (one for instructor and one per trainee) with Internet connection.

OBJECTIVES: Upon completion of this unit, the trainee will be able to:

1. View a standard report by applying filter panels:
   a. Dispatch.
   b. Catalog.
   c. Resource.
   d. Dispatch and Provider.
   e. Catalog Resource.
   f. Incident.
   g. Incident Requests.
   h. Time Period.
   i. Travel Plan.
   j. External Supply Cache Request.
   k. Incident Initial Year.

2. Utilize Cognos Viewer features.

3. Print and save report results.

4. Set personal preferences.

5. View a report using alternate run options.

6. Create a ‘Report View’.

7. Set report properties.

8. Schedule a report run.
10. Create a job.
11. Create a page.
Standard ROSS Reports

Significant Changes to this Course Unit since last update:

1. None.
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INTRODUCE THE UNIT.

PRESENT UNIT OBJECTIVES.

I. REPORTS OVERVIEW

EXPLAIN THAT IN ORDER TO ACCESS ROSS REPORTS YOU MUST BE A ‘ROSS USER’ HOLDING A ROLE THAT HAS ACCESS TO THE REPORTS MENU ITEM.

Four degrees of ROSS reporting:

A. Standard.
   1. Pre-defined list of reports.
   2. Viewed in web browser via Cognos Connection.
   3. Can set filter criteria.
   4. Cannot select query items.

POINT OUT THAT THIS COURSE ADDRESSES STANDARD REPORTS.

POINT OUT THAT STANDARD REPORTS MEET AS MUCH AS 90% OF THE USER COMMUNITY’S REPORTING NEEDS.

5. Accessing:
   a. From within ROSS via ‘Reports Portal’ item under ROSS Reports menu.
   b. Directly via: https://rossreports.nwcg.gov/
OUTLINE AIDS & CUES

POINT OUT THAT STUDENTS CAN ACCESS THE ROSS REPORTS PORTAL VIA ROSS, AND THEN SAVE THE URL TO THEIR WEB BROWSER FAVORITES LIST.

B. Print Button Reports
   a. Pre-defined report generated by Cognos when a Print button is clicked in ROSS (e.g., Resource Order Form).
   b. Different from Standard reports in that user cannot select filter criteria.
   c. Report content is dictated by specific record (e.g., request, resource) selected on ROSS screen.

POINT OUT THAT PRINT BUTTON REPORTS REQUIRE INFORMATION SUCH AS SESSION ID AND ROLI ID IN ORDER TO RUN, AND THEREFORE MUST BE ACCESSED DIRECTLY FROM ROSS.

C. Ad Hoc (ROSS Analytical Reports and ROSS Analytical Reports Historical).
   1. Create custom reports in web browser via Cognos Query Studio.
   2. Drag and drop query subjects onto a report window.
   3. Can create crosstab reports.

   Example: Number of resources on incidents started between 08/01 and 08/15 2009, by date, by GACC, by Host, and by incident type.

POINT OUT THAT AD HOC REPORTS ARE ADDRESSED IN THE ROSS ANALYTICAL REPORTS AND ROSS ANALYTICAL REPORTS HISTORICAL COURSES.
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<tr>
<td>D. Advanced.</td>
<td>Expand the 'Standard Reports (Current)' section by clicking the Maximize button.</td>
</tr>
<tr>
<td>1. Advanced features of Cognos Query Studio.</td>
<td>Open Cognos Connection by clicking the 'Open with IBM Cognos Connection’ button.</td>
</tr>
</tbody>
</table>

POINT OUT THAT TO RETURN TO THE ROSS REPORTS PORTAL PAGE AT ANY TIME:
1. SELECT THE ROSS WEB BROWSER TAB/PAGE.
2. CLICK THE RESTORE BUTTON  

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<td>II. COGNOS BASICS</td>
<td></td>
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<tr>
<td>A. Logging on.</td>
<td></td>
</tr>
<tr>
<td>1. Selecting ‘Reports Portal’ under the Reports menu in ROSS automatically logs you into Cognos.</td>
<td></td>
</tr>
<tr>
<td>2. Session times out after one hour of inactivity.</td>
<td></td>
</tr>
<tr>
<td>3. Logging back in:</td>
<td></td>
</tr>
<tr>
<td>a. Leave default namespace of ROSSLDAPSSL.</td>
<td>ST-01-ROSSR-HO</td>
</tr>
<tr>
<td>b. Cognos User ID and Password same as ROSS Username and Password.</td>
<td></td>
</tr>
<tr>
<td>B. Logging off.</td>
<td></td>
</tr>
<tr>
<td>C. Refresh button.</td>
<td>ST-02-ROSSR-HO</td>
</tr>
<tr>
<td>D. Searching.</td>
<td></td>
</tr>
<tr>
<td>1. Enter search criteria and click Search button.</td>
<td>Display Search button drop-down list.</td>
</tr>
<tr>
<td>2. Advanced Search.</td>
<td></td>
</tr>
<tr>
<td>E. Home button.</td>
<td></td>
</tr>
<tr>
<td>1. Takes you to your Cognos Connection homepage.</td>
<td>Display Home button drop-down list.</td>
</tr>
<tr>
<td>2. To set homepage select ‘Set View as Home’.</td>
<td></td>
</tr>
<tr>
<td>F. My Area.</td>
<td></td>
</tr>
<tr>
<td>1. My Inbox.</td>
<td>Click My Area button and display drop-down list.</td>
</tr>
<tr>
<td><strong>EXPLAIN THAT MY INBOX FUNCTIONALITY IS NOT AVAILABLE.</strong></td>
<td></td>
</tr>
<tr>
<td>2. My Watch Items.</td>
<td><strong>EXPLAIN THAT MY WATCH ITEMS FUNCTIONALITY IS NOT AVAILABLE.</strong></td>
</tr>
<tr>
<td>OUTLINE</td>
<td>AIDS &amp; CUES</td>
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</tr>
<tr>
<td>3. My Preferences.</td>
<td></td>
</tr>
</tbody>
</table>

**EXPLAIN THAT MY PREFERENCES AND MY ACTIVITIES AND SCHEDULES ARE DISCUSSED LATER.**

4. My Activities and Schedules.

G. Launch link – Provides access to Query (and other) Studios.

H. Help button.

2. Getting Started – Cognos Business Intelligence tool.
3. IBM Cognos on the Web – Cognos homepage.
4. Go to the Welcome Page.
5. About IBM Cognos Connection.

I. Scroll Buttons.

STOP THE LECTURE HERE. BRIEFLY REVIEW THE MATERIAL DISCUSSED SO FAR AND ANSWER STUDENT QUESTIONS.

EXPLAIN THAT VIEWING, PRINTING, AND SAVING REPORTS WILL BE DISCUSSED FIRST. LATER IN THE COURSE, FEATURES USED TO CUSTOMIZE AND MANAGE REPORTS WILL BE DISCUSSED.
III. VIEWING A REPORT

A. Public Folders tab – Contains reports available to all users.

B. Groupings of ROSS reports:

BRIEFLY DISCUSS THE LIST OF REPORTS IN EACH FOLDER.

1. Administration – Reports used to facilitate management of a dispatch’s catalog and resource items.

POINT OUT THE NAVIGATION PATH TO THE CURRENT SCREEN.

2. Incident – Reports used to facilitate management of an incident and its assigned resources.

3. Status – Reports providing detailed and summary information on status of resources as maintained in ROSS.

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Click on the Administration link.

Click the ‘Standard Reports (Current)’ link in the screen navigation path to return to the ‘Standard Reports (Current)’ page.

Click on the Incident link.

Return to the ‘Standard Reports (Current)’ page.

Click on the Status link.

Close the Public Folders web browser tab/page.
4. Standard Reports Historical – Historical (i.e., multi-year) versions of the Resource Order Form, NFES Resource Order Form, and Resource Order Form by Dispatch Provider reports.

C. To view a report:

1. Open appropriate ROSS folder.

2. Click appropriate report link.

3. While waiting, ‘Select delivery method’ may display. **EXPLAIN THAT DELIVERY METHODS WILL BE DISCUSSED LATER IN THE COURSE.**

4. Applicable filter panels display.

D. Filter Panels.

1. To open a filter panel, click on its title.

2. Panels containing at least one required field are marked with an asterisk (*).

3. Each individual required field within a filter panel:
   a. Marked with an asterisk (*).
b. Red dashed line below.

4. Buttons and links:
   a. Filter button.
   b. Clear Filter links – Clears only that specific filter.
   c. Help link.
   d. Cancel button.
   e. Back button.
   f. Next button.
   g. View Report button – Enabled only when all required values, on all required panels, have been selected/entered.
   h. Clear Filters button – Clears all filters on all panels.

5. Settings in one filter panel do not affect other filter panels.

6. To close an open panel, click on its title again.

EXPLAIN THAT EACH OF THE FILTER PANELS WILL NOW BE DISCUSSED.

E. Dispatch filter panel.
   a. Name and Unit ID – Enter text and click Filter button. Wildcard permitted.
OUTLINE

b. Multiples of Unit ID Prefix – Select one or more prefixes and click Filter.

c. Dispatch (required) – Select one or more dispatches.

d. Selection fields turn blue once an entry has been selected.

POINT OUT HOW THE ‘MULTIPLES OF UNIT ID PREFIX’ AND ‘DISPATCH’ FIELDS TURNED BLUE ONCE AN ENTRY WAS SELECTED.

F. Catalog filter panel.

1. Catalog (required).
   a. Select one or more catalogs.
   b. Click Filter only if you want to select Category(ies) and/or Catalog Item(s).

2. Category – Used to further filter Catalog Item field.

3. Catalog Item.
   a. Item Name, Item Code, and Keyword – Enter text and click Filter button.
   b. Select one or more catalog items.

G. Resource filter panel.

1. Qualifications.

AIDS & CUES

Multi-select 2 dispatches.

Click on Catalog panel title.

ST-07-ROSSR-HO

Select a catalog.

Click Filter

Select two categories and click Filter.

Select two catalog items.

Click on Resource panel title.

ST-08-ROSSR-HO

Display drop-down list contents.
2. Resource Status.

3. Resource Availability Area.

POINT OUT THAT FOR THIS PARTICULAR REPORT THE RESOURCE FILTER PANEL IS OPTIONAL.

POINT OUT THAT SINCE THESE FIELDS ARE NOT USED TO FILTER THE CONTENTS OF OTHER FIELDS, A FILTER BUTTON IS NOT NEEDED.

NOTE THAT THE COGNOS VIEWER WILL BE DISCUSSED AFTER THE FILTER PANELS.

POINT OUT THAT THE DEFAULT REPORT FORMAT IS PDF. ADDITIONAL FORMATS WILL BE DISCUSSED LATER IN THE COURSE.

EXPLAIN THAT FOR THE REMAINING FILTER PANELS WE WILL ONLY DISCUSS FEATURES NOT PREVIOUSLY ADDRESSED.

H. Dispatch and Provider filter panel – Select dispatches; click Filter only if selecting Providers.

I. Catalog Resource filter panel – Five fields along top of tab filter Resource field results.
### OUTLINE

<table>
<thead>
<tr>
<th>J. Incident filter panel.</th>
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<tbody>
<tr>
<td>K. Incident Requests filter panel.</td>
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<td>L. Time Period filter panel.</td>
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<th>AIDS &amp; CUES</th>
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<tr>
<td>Click Cancel.</td>
</tr>
<tr>
<td>Return to the ROSS Reports Portal by clicking the ‘Standard Reports (Current)’ link.</td>
</tr>
<tr>
<td>Open Incident folder. Click Resource Order Form link.</td>
</tr>
<tr>
<td>Click Incident panel title.</td>
</tr>
<tr>
<td>ST-11-ROSSR-HO</td>
</tr>
<tr>
<td>Click Incident Requests panel title.</td>
</tr>
<tr>
<td>ST-12-ROSSR-HO</td>
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<tr>
<td>Click Cancel.</td>
</tr>
<tr>
<td>Click Mob and Demob Travel Report link.</td>
</tr>
<tr>
<td>Click Time Period panel title.</td>
</tr>
<tr>
<td>ST-13-ROSSR-HO</td>
</tr>
<tr>
<td>Click Cancel.</td>
</tr>
<tr>
<td>OUTLINE</td>
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<td>---------</td>
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<tr>
<td>M. Travel Plan filter panel – Enter the travel plan number. Wildcard is permitted. Each travel plan number is composed of the following:</td>
</tr>
<tr>
<td>• 1st portion: Unit ID prefix of dispatch that created the plan.</td>
</tr>
<tr>
<td>• 2nd portion: Unit ID suffix of dispatch that created the plan.</td>
</tr>
<tr>
<td>• 3rd portion: Year in which plan was created.</td>
</tr>
<tr>
<td>• 4th portion: Sequential number automatically generated for each plan.</td>
</tr>
<tr>
<td>N. External Supply Cache Requests filter panel.</td>
</tr>
</tbody>
</table>

POINT OUT THAT THERE IS A FILTER PANEL (INCIDENT INITIAL YEAR) UNIQUE TO STANDARD REPORTS HISTORICAL.

Click **Travel Plan** report link.

Click Travel Plan panel title.

ST-14-ROSSR-HO

Click Cancel.

Click **External Cache Activity Report** link.

Click External Supply Cache Requests panel title.

ST-15-ROSSR-HO

Click Cancel.

Return to the ROSS Reports Portal by clicking the ‘Standard Reports (Current)’ link.
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<thead>
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</thead>
<tbody>
<tr>
<td>O. Incident Initial Year filter panel.</td>
<td>In the ‘Standard Reports (Historical)’ section, click <strong>Resource Order Form (Historical)</strong> report link.</td>
</tr>
<tr>
<td></td>
<td>Ensure Incident Initial Year panel is open.</td>
</tr>
<tr>
<td></td>
<td>ST-16-ROSSR-HO</td>
</tr>
<tr>
<td></td>
<td>Ensure Incident panel is open.</td>
</tr>
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<td></td>
<td>Click Cancel.</td>
</tr>
</tbody>
</table>

POINT OUT THAT SINCE THE MAJORITY OF INCIDENTS ASSOCIATED WITH HISTORICAL RESOURCE ORDER FORMS HAVE A STATUS OF CLOSED, YOU WILL WANT TO SWITCH THE INCIDENT STATUS FILTER (ON THE INCIDENT FILTER PANEL) FROM OPEN TO CLOSED.

STOP THE LECTURE HERE. BRIEFLY REVIEW THE MATERIAL DISCUSSED SINCE THE LAST REVIEW AND ANSWER STUDENT QUESTIONS.

CONDUCT A PRACTICE SESSION COVERING THE TOPICS DISCUSSED IN THE FIRST THREE SECTIONS OF THE COURSE.
### IV. COGNOS VIEWER

A. Keep this Version.

1. Email Report – ‘Set the email options’ screen.

**BRIEFLY DISCUSS THE ‘SET THE EMAIL OPTIONS’ SCREEN.**

2. Save Report – Do not select unless you wish to overwrite the specifications of the report.
POINT OUT THAT ‘SAVING’ IN THIS CONTEXT REFERS TO SAVING THE REPORT SPECIFICATIONS, NOT THE OUTPUT OF THE REPORT RUN.

   a. A ‘Report View’ allows a user to maintain a customized view of another report, rather than creating a copy.
   b. A Report View shares the same specifications (e.g., queries, prompts, layouts, styles) as its ‘source’ report.
   c. The properties (e.g., prompt values, schedules, delivery methods, run options, output formats) of a Report View can be customized without affecting the properties of the source report.

POINT OUT THAT WE WILL FURTHER DISCUSS CREATING REPORT VIEWS LATER IN THE COURSE.

B. Run – Returns you to filter panels for the report.

C. Drill Down – Not currently applicable.

D. Drill Up – Not currently applicable.

E. Go To – Related to drill down report - not currently applicable.

F. ‘View in PDF/HTML/etc.’ Format.

1. PDF – Best option for printing.
2. HTML – One benefit is can scroll through report, whereas PDF is page-to-page.
<table>
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<tr>
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</thead>
</table>
| POINT OUT THAT PRIOR TO VIEWING THE REPORT IN EXCEL WE MUST CHECK OUR INTERNET BROWSER SETTINGS:  
1. OPEN TOOLS > INTERNET OPTIONS > SECURITY TAB.  
2. CLICK ‘CUSTOM LEVEL...’ BUTTON.  
3. IN 'DOWNLOADS' SECTION ENSURE 'AUTOMATIC PROMPTING FOR FILE DOWNLOADS' IS ENABLED. | Follow the steps in Outline to ensure internet browser is properly configured before attempting to view the report in Excel. |
| Click ‘View…’ button, then display View in Excel Options.  
Select View in Excel 2007 Format.  
If ‘Pop-Up Blocked’ message displays, select ‘Always allow pop-ups from this site’.  
Click ‘Open’ button in File Download pop-up. | |
| Close Excel. Close new browser window (if one has opened).  
Return to the Report View displayed in Cognos Viewer. | |
G. Add this Report.


**POINT OUT THAT CONFIGURING AND SAVING REPORT SETTINGS IS DISCUSSED LATER.**

2. Add to My Bookmarks – Adds webpage to your browser favorites list.
V. PRINTING AND SAVING REPORT RESULTS

A. First view report in PDF format.

B. Use Internet browser Save and Print options.

POINT OUT THAT IF YOU ACCESS ROSS THROUGH THE CITRIX SERVER, YOU CANNOT PRINT A REPORT VIA COGNOS. THE WORK-AROUND IS TO SAVE THE REPORT TO YOUR HARD DRIVE, THEN PRINT.

Click ‘View…’ button and select View in PDF Format.

Click browser File menu and display drop-down list.

Close Cognos Viewer web browser tab/page.

On the ROSS Reports Portal, click the ‘Standard Reports (Current)’ link to close the Administration folder.

Expand the ‘Standard Reports (Current)’ section by clicking the Maximize button.

Open Cognos Connection by clicking the ‘Open with IBM Cognos Connection’ button.
## VI. SETTING PERSONAL PREFERENCES

A. Select My Preferences under My Area button drop-down.

B. Set Preferences – General tab.

**DISCUSS EACH FIELD.**

Fields of note:

1. Show hidden entries – Should entries (folders, reports, pages, etc.) you have hidden display to users as shaded out, or not show at all?

2. Show a summary of the run options – Applicable to scheduled runs.

3. Portal.

C. Set Preferences – Personal tab.

**DISCUSS EACH FIELD.**

Fields of note:

1. Alerts – Can receive email when there is a new version of a report.

2. Credentials.
   a. Scheduled runs execute using your login credentials.
   b. Can authorize other users to use your credentials (for example their account is locked up).
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<tbody>
<tr>
<td>c.  If change login or password, must renew credentials or scheduled runs will fail.</td>
<td>Click on Portal Tabs tab.</td>
</tr>
<tr>
<td><strong>D. Set Preferences – Portal Tabs tab</strong> – Can use a tab to group reports sharing common settings or attributes.</td>
<td>ST-20-ROSSR-HO</td>
</tr>
<tr>
<td><strong>DISCUSS EACH LINK.</strong></td>
<td>Click ‘Add portal tabs’ link. Click Cancel.</td>
</tr>
<tr>
<td>Links:</td>
<td>Click ‘Modify the sequence’ link. Click Cancel.</td>
</tr>
<tr>
<td>1. Add portal tabs.</td>
<td>Click Cancel.</td>
</tr>
<tr>
<td>2. Remove this portal tab.</td>
<td>Close the Public Folders web browser tab/page.</td>
</tr>
<tr>
<td>3. Modify the sequence – Set order of tabs using Up, Down, To top, and To bottom links</td>
<td></td>
</tr>
</tbody>
</table>
VII. RUNNING WITH OPTIONS

POINT OUT THAT THE FOLLOWING WERE PREVIOUSLY DISCUSSED:
- CHANGING THE FORMAT OF REPORT RESULTS IN COGNOS VIEWER.
- SETTING A DEFAULT REPORT FORMAT IN YOUR PERSONAL PREFERENCES.

EXPLAIN THAT THIS SECTION ADDRESSES SELECTING A FORMAT, AND OTHER OPTIONS, FOR A SPECIFIC REPORT RUN.

A. Run with Options button.

DISCUSS EACH FIELD.

B. Format.

C. Delivery.
   1. View the report now.
   2. Save the report.
      a. If just select ‘Save the report’ radio button, saves a new report in the same folder as the selected report.
b. If select ‘Save the report’ radio button and click ‘Advanced Options’ link, can save as a Report View.

3. Print the report – Cannot be used since impossible to identify all possible printers; instead must save the report and then print.

D. Prompt Values.

EXPLAIN THAT PROMPTS ARE DISCUSSED LATER AS PART OF SETTING REPORT PROPERTIES.

E. Advanced Options.

EXPLAIN THAT ONLY THOSE OPTIONS NOT PREVIOUSLY ADDRESSED WILL BE DISCUSSED.

1. Time and Mode.

   a. ‘View the report now’ radio button.

   b. ‘Run in the background’ radio button.

2. Delivery – Save, print, and send report results.

   POINT OUT THAT MORE THAN ONE CHECK BOX CAN BE CHECKED.

   a. ‘Save’ check box.

      • ‘Save the report’ radio button.

      • ‘Save the report as a report view’ radio button.

   In ‘Time and mode’ section, select ‘Run in the background’ radio button.

   In Delivery section, click ‘Save the report as a report view’ radio button.
<table>
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</thead>
<tbody>
<tr>
<td>− ‘Edit the options’ link &gt; ‘Save as report view’ screen.</td>
<td>To the right of the ‘Save the report as a report view’ radio button, click ‘Edit the options’ link.</td>
</tr>
<tr>
<td></td>
<td>Click Cancel.</td>
</tr>
<tr>
<td>b. ‘Print the report’ check box – Not operational.</td>
<td>To the right of the ‘Send the report by email’ radio button, click ‘Edit the options’ link.</td>
</tr>
<tr>
<td>c. ‘Send the report by email’ check box.</td>
<td>Click Cancel.</td>
</tr>
<tr>
<td>• ‘Edit the options’ link &gt; ‘Set the email options’ screen.</td>
<td>Click Cancel.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Run and Cancel buttons.</td>
<td></td>
</tr>
</tbody>
</table>
VIII. CREATING A REPORT VIEW AND SETTING REPORT PROPERTIES

POINT OUT ONLY ADMINISTRATORS WITH CERTAIN PRIVILEGES CAN MODIFY PUBLIC REPORTS. WE WILL BE WORKING WITH A REPORT VIEW IN A PRIVATE FOLDER.

DISCUSS THE ‘NEW REPORT VIEW WIZARD’ FIELDS.

Click the ‘Standard Reports (Current)’ link in the screen navigation path to return to the ‘Standard Reports (Current)’ page.

Open Status reports folder.

For ‘Resource Status Summary By Dispatch Center’ report, click ‘Create a report view of this report’ Action button.

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Click ‘Select My Folders’ link.

Click Finish (i.e., create the Report View).

Select ‘My Folders’ tab

Click the Maximize button.

1. General tab (of Set properties screen).

DISCUSS THE SCREEN FIELDS AND LINKS.

a. General information.

- ‘Set the contact’ link – Individual responsible for the Report View.
  - ‘Select the contact’ – Not operational.
  - ‘Enter an email address’ – Can enter an email address.

- ‘Disable this entry’ check box – Blocks users without write permission from accessing the report.
- ‘Hide this entry’ check box – Blocks all other users from accessing and making changes to the report.
<table>
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<tbody>
<tr>
<td>• ‘View the search path, ID, and URL’ link.</td>
<td>Click ‘View the search path, ID, and URL’ link.</td>
</tr>
<tr>
<td>b. Name, Screen Tip, and Description.</td>
<td>Click Close.</td>
</tr>
<tr>
<td>c. Run history – Can maintain a history of runs by either ‘Number of occurrences’ or ‘Duration’.</td>
<td>Set Run History ‘Number of Occurrences’ to 10.</td>
</tr>
<tr>
<td>• Each run can produce one or more saved outputs (PDF, HTML, etc.).</td>
<td></td>
</tr>
<tr>
<td>• Each run is considered a ‘version’.</td>
<td></td>
</tr>
<tr>
<td>• Can maintain a history of output versions by either ‘Number of occurrences’ or ‘Duration’.</td>
<td></td>
</tr>
<tr>
<td>e. Source report section (on General tab of Set Properties screen).</td>
<td>Click Link to a Report link.</td>
</tr>
<tr>
<td>• Report Properties link – Not operational.</td>
<td>Click Cancel.</td>
</tr>
<tr>
<td>• ‘Link to a report...’ link – Used to associate a report view to a different source report.</td>
<td>Select ‘Report view’ tab (of Set Properties screen).</td>
</tr>
</tbody>
</table>

2. Report view tab (of Set properties screen).
DISCUSS THE SCREEN FIELDS AND LINKS.

a. Default action.
   - View most recent report – Report does not run. Most recent run results display.
   - Run the report.

b. Report options.
   - If checked – Custom options applied.
   - If unchecked – Default options applied (as set in Personal Preferences).

   • PDF options.

BRIEFLY DISCUSS THE ‘SET THE PDF OPTIONS’ SCREEN.

c. Prompt values – If enter prompt values (i.e., filter criteria), will not be prompted to enter values when report runs.
   - Scheduled Reports:
     - Run will fail if prompt values not entered beforehand.
     - Always ensure every report in a batch job has prompt values.

EMPHASIZE THE IMPORTANCE OF ENTERING PROMPT VALUES FOR SCHEDULED REPORTS.

   • Initially displays ‘No values saved’.
• To set prompts:
  - Click ‘Set…’ link.
  - Applicable filter panels display.
  - Click View Report to save settings.

**POINT OUT THAT THERE IS NOW PROMPT INFORMATION IN THE ‘PROMPT VALUES’ SECTION.**

• ‘View all’ link – Displays filter settings in list format.

• ‘Edit…’ link – Displays filter panels for editing.

• ‘Clear’ link – Sets filter criteria back to defaults.

• ‘Prompt for values’ checkbox – Saved filter values are ignored; filter panels display when report is run and values must be selected.
d. Advanced options.

**BRIEFLY DISCUSS EACH ADVANCED OPTION.**

- ‘Number of rows per Web page in HTML reports’.
  - ‘Enable selection-based interactivity in HTML reports’ – Leave checked; relates to advanced Cognos Viewer features.
  - ‘Enable alerts about new versions’ – Will receive an email each time report output is saved.
  - ‘Enable enhanced user features in saved output versions’ – N/A (relates to importing outputs into other Cognos applications).
  - ‘Enable comments in saved output versions’ – Allows report users to add comments to saved HTML, PDF, and XML output versions via Cognos Viewer.

- Report Cache.

**EXPLAIN THAT REPORT CACHES ARE DISCUSSED LATER.**

3. Permissions tab (of Set properties screen).

**DISCUSS THE SCREEN FIELDS AND LINKS.**

a. Access permissions inherited from source report.

b. ‘Override the access permissions acquired from the parent entry’ check box – Check to set unique permissions.

Click ‘Advanced options’ link.

Select Permissions tab.

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Check ‘Override the access permissions …’ checkbox.

Uncheck checkbox.
OUTLINE

IX. SCHEDULING A REPORT RUN

A. Click ‘Schedule’ button in Action column.

B. ‘Disable the schedule’ check box – Check to suspend execution of schedule.

C. Frequency
   
   1. Tabs (By Day, By Week, etc.)

BRIEFLY DISCUSS THE SETTINGS ON EACH FREQUENCY TAB.
BECAUSE OUR REPORT WILL BE RUNNING ONCE EVERY MINUTE, IT IS IMPORTANT THAT THE ‘END BY’ DATE BE SET TO THE CURRENT DATE AND THE ‘END BY’ TIME BE SET TO 5 MINUTES FROM NOW.

2. Options.

POINT OUT THAT A REPORT CANNOT BE PRINTED AS PART OF A SCHEDULED RUN. THE WORK-AROUND IS TO EMAIL THE REPORT OUTPUT AS AN ATTACHMENT THAT CAN BE PRINTED FROM A BROWSER.

3. Prompt Values.

POINT OUT THAT WE PREVIOUSLY SELECTED OUR DEFAULT PROMPT VALUES.

EXPLAIN THAT WE WILL WAIT FOR OUR REPORT TO RUN A FEW TIMES, AND THEN VIEW THE RUN HISTORY AND REPORT OUTPUT VERSIONS.

Select By Day tab.

Set Frequency to ‘Every 1 minute(s)’.

Set the Start date and time to present.

Select the ‘End by’ radio button. Leave today’s date selected. Set the time to 5 minutes from now.

Under Options, click ‘Override the default values’ check box. Select HTML, PDF, Excel 2007, and XML.

Click OK to save.

After a few minutes:

BRIEFLY DISCUSS THE VIEW RUN HISTORY SCREEN.

REMIND STUDENTS THAT THE NUMBER OF ENTRIES IN THE GRID IS Dictated BY EITHER THE ‘NUMBER OF OCCURRENCES’ OR ‘DURATION’ SETTING ON THE GENERAL TAB OF THE SET PROPERTIES SCREEN.

BRIEFLY DISCUSS THE VIEW REPORT OUTPUT VERSIONS SCREEN.

POINT OUT THAT THE OTHER ‘MORE…’ ACTION OPTIONS ARE DISCUSSED LATER IN THE ‘ADDITIONAL FEATURES’ SECTION.

D. Managing Report Run Activity and Schedules.

1. Click My Area button and select My Activities and Schedules.

POINT OUT THAT THE SCHEDULE MANAGEMENT SCREEN IS FOR VIEWING AND MANAGING RUN ACTIVITY AND EXISTING SCHEDULES – NEW SCHEDULES CANNOT BE CREATED.
<table>
<thead>
<tr>
<th>OUTLINE</th>
<th>AIDS &amp; CUES</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Current Activities – Displays activities that are currently being processed by the system.</td>
<td>ST-28-ROSSR-HO Display Status and drop-down list.</td>
</tr>
<tr>
<td>a. Filter criteria.</td>
<td>Display Priority drop-down list.</td>
</tr>
<tr>
<td>• Status – Pending, Executed, Waiting, Suspended.</td>
<td>Click ‘Advanced options’ link.</td>
</tr>
<tr>
<td>• Priority.</td>
<td>Display Type drop-down list.</td>
</tr>
<tr>
<td>• Advanced options.</td>
<td>Click ‘Select a scope’ link.</td>
</tr>
<tr>
<td>BRIEFLY DISCUSS THE ADVANCED OPTIONS.</td>
<td>Click Cancel.</td>
</tr>
<tr>
<td>- Type.</td>
<td>Do not click.</td>
</tr>
<tr>
<td>- Scope.</td>
<td>ST-29-ROSSR-HO</td>
</tr>
<tr>
<td>• Reset to Default – Clears the filters.</td>
<td></td>
</tr>
<tr>
<td>b. Apply button.</td>
<td></td>
</tr>
<tr>
<td>c. Buttons (upper right of screen).</td>
<td></td>
</tr>
<tr>
<td>• Show / Hide Details.</td>
<td></td>
</tr>
<tr>
<td>OUTLINE</td>
<td>AIDS &amp; CUES</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
</tr>
<tr>
<td>3. Past Activities – Displays activities that have finished processing.</td>
<td>Click Past Activities link.</td>
</tr>
<tr>
<td>a. Period.</td>
<td>ST-30-ROSSR-HO</td>
</tr>
<tr>
<td>b. Status – Succeeded, Failed, Cancelled.</td>
<td>In the Filter section, select second Period radio button. Click 'Edit' link.</td>
</tr>
<tr>
<td>Click Cancel.</td>
<td>Display Status drop-down list.</td>
</tr>
<tr>
<td>Click Show Details button 📊.</td>
<td></td>
</tr>
<tr>
<td>4. Upcoming Activities link – Displays activities that will be processed in the future.</td>
<td>Click Upcoming Activities link.</td>
</tr>
<tr>
<td>Status – Scheduled, Cancelled.</td>
<td>ST-31-ROSSR-HO</td>
</tr>
<tr>
<td>5. Schedules link – Displays existing schedules.</td>
<td>Display Status drop-down list.</td>
</tr>
<tr>
<td>Status – Any, Enabled, Disabled.</td>
<td>Click Schedules link.</td>
</tr>
<tr>
<td></td>
<td>ST-32-ROSSR-HO</td>
</tr>
<tr>
<td></td>
<td>Display Status drop-down list.</td>
</tr>
<tr>
<td></td>
<td>Click the Actions arrow ▼ and display drop-down list.</td>
</tr>
</tbody>
</table>
EXPLAIN TO STUDENTS THAT THEY MUST BE MINDFUL OF THE NUMBER, SIZE, AND FREQUENCY OF RUNS THEY SCHEDULE, BECAUSE EXCESSIVE RUNS CAN BE VERY DETRIMENTAL TO SYSTEM PERFORMANCE.

STOP THE LECTURE HERE. BRIEFLY REVIEW THE MATERIAL DISCUSSED SINCE THE LAST REVIEW AND ANSWER STUDENT QUESTIONS.

CONDUCT A COMPREHENSIVE PRACTICE SESSION COVERING ALL TOPICS DISCUSSED SO FAR IN THE COURSE.

X. ADDITIONAL FEATURES

A. New Folder button.

BRIEFLY DISCUSS THE SCREEN.

POINT OUT THE NEW FOLDER.

Close the Public Folders web browser tab/page.

Open Cognos Connection. Select My Folders tab.

Click New Folder toolbar button.

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Enter your initials as the folder Name.

Ensure Location is set as ‘My Folders’.

Click Finish.
B. **New Job button.**

   1. **Overview.**
      
      a. Used to set a common schedule for multiple reports or report views.
      
      b. Job consists of ‘steps’.

      **POINT OUT THAT USING A JOB, A REPORT CAN BE RUN IN MULTIPLE FORMATS AT ONCE BY CREATING A STEP FOR EACH FORMAT.**

      c. Steps can run simultaneously or in sequence.
      
      d. Run options of individual step entries override run options set for job.
      
      e. Run options set for job serve as default for steps that do not have own run options.
      
      f. Jobs can be scheduled just like report runs.

   2. **First screen (of New Job) – ‘Specify a name and description’.**

   3. **Second screen (of New Job) – ‘Select the steps’.**
      
      a. Add link.

Click **New Job button** 🌟.

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Enter a Name. Ensure My Folders is selected as Location.

Click **Next button**.

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Click ‘**Add…’ link under the table.**

ST-36-ROSSR-HO
OUTLINE | AIDS & CUES
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b. Remove link – Removes selected ‘steps’.

c. Modify the sequence link.

d. Reset to default value link – Removes any options and prompt values set specifically for the job step.

e. Options and prompt values column – Set button (image of a downward pointing pencil).
  - Used to change run options for individual step when run as part of job.

POINT OUT THAT THE PROPERTIES OF THE REPORT, INDEPENDENT OF THIS JOB, REMAIN UNCHANGED.

- Run the report to.
  - Produce report outputs.
  - Refresh the report cache.

EXPLAIN THAT REPORT CACHES WILL BE DISCUSSED SHORTLY.
<table>
<thead>
<tr>
<th>OUTLINE</th>
<th>AIDS &amp; CUES</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Report options and Prompt values – Previously discussed.</td>
<td>Click ‘Override the default values’ checkbox (in Report Options section).</td>
</tr>
<tr>
<td>POINT OUT THE TEXT AND ‘X’ MARK IN THE ‘OPTIONS AND PROMPT VALUES’ COLUMN FOR THE SELECTED REPORT.</td>
<td>Click OK.</td>
</tr>
<tr>
<td>f. Submission of steps.</td>
<td>Leave ‘All at once’ selected.</td>
</tr>
<tr>
<td>• All at once – If step fails, others unaffected, but job ‘fails’.</td>
<td></td>
</tr>
<tr>
<td>• In sequence – Can choose to continue job if step fails (‘Continue on error’).</td>
<td></td>
</tr>
<tr>
<td>g. Default for all steps – Used to set default values for all steps in job.</td>
<td>Click ‘Set…’ link.</td>
</tr>
<tr>
<td>• Set link.</td>
<td>Click ‘Report options’ link.</td>
</tr>
<tr>
<td>• Report options.</td>
<td>Click ‘Specify default values for all the reports of this job’ check box.</td>
</tr>
<tr>
<td>EXPLAIN THAT THE ‘BURST THE REPORTS’ OPTION IS NOT APPLICABLE TO STANDARD REPORTS.</td>
<td>Click Cancel.</td>
</tr>
<tr>
<td>h. Run history details level.</td>
<td>Display ‘Run history details level’ drop-down list.</td>
</tr>
<tr>
<td>• Used to indicate whether to save complete history details when job executes successfully.</td>
<td></td>
</tr>
</tbody>
</table>
**OUTLINE AIDS & CUES**

- If job run fails, complete history details are saved.

4. Third screen (of New Job) – ‘Select an action’.
   - a. Save (the job) and run once – ‘Run with options’ screen displays.
   - b. Save and schedule – ‘Schedule’ screen displays.
   - c. Save only.

**POINT OUT THAT THE JOB NOW DISPLAYS ON THE ‘MY FOLDERS’ TAB.**

5. Cached Prompt Data.
   - a. The report prompts are refreshed each time a scheduled run occurs (i.e., the latest set of prompts, which may have changed since the last run, are applied).
   - b. For reports that do not run on a schedule, a job can be created to refresh the prompts at set intervals.
   - c. Select ‘Refresh the report cache’ option under ‘Run the report to’ drop-down list.

C. New Page button – Used to create a custom view containing content of your choice.
<table>
<thead>
<tr>
<th>OUTLINE</th>
<th>AIDS &amp; CUES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. ‘Specify a name and description’ screen.</td>
<td>ST-40-ROSSR-HO Enter a Name. Ensure Location is set to ‘My Folders’. Click Next button.</td>
</tr>
<tr>
<td>2. ‘Set columns and layout’ screen.</td>
<td>ST-41-ROSSR-HO Click ‘2 column’ radio button. Click ‘3 column’ button.</td>
</tr>
<tr>
<td>a. Number of columns.</td>
<td></td>
</tr>
<tr>
<td>b. Content.</td>
<td>Click ‘Add…’ link under first column.</td>
</tr>
<tr>
<td>• Add and remove content from a column. Available portlets:</td>
<td>Click IBM Cognos Content link.</td>
</tr>
<tr>
<td>‐ Dashboard, IBM Cognos Extended Applications, and IBM Cognos Utility – N/A.</td>
<td>ST-42-ROSSR-HO Select all 3 entries and click Arrow button. Click OK.</td>
</tr>
<tr>
<td>‐ IBM Cognos Content – Navigator, Search, Viewer.</td>
<td></td>
</tr>
<tr>
<td>• Move content from one column to another.</td>
<td></td>
</tr>
<tr>
<td>• Reorder column content.</td>
<td></td>
</tr>
</tbody>
</table>
• Set column width percentage.

c. Layout options.

3. ‘Set page style’ screen.

**BRIEFLY DISCUSS THE FIELDS AND CHECK BOXES.**

4. ‘Select an action’ screen.
   a. Add this page to the portal tabs.
   b. View the page.

**POINT OUT THAT THE PAGE NOW DISPLAYS ON THE ‘MY FOLDERS’ TAB.**

**EXPLAIN THAT A PAGE CAN ALSO BE ADDED TO YOUR PORTAL TABS BY CLICKING IT’S ‘ADD TO MY PORTAL TABS’ ACTION BUTTON.**
For the new page, click the ‘Set properties’ button in the Action column.

Click Layout and Content tab.

Select IBM Cognos Viewer and move it to the second column.

Select IBM Cognos Search and move it to the third column.

Click OK.

Click the new page’s link to display the page.

In the IBM Cognos Navigator section of the Page, click My Folders link.

In the IBM Cognos Search section of the Page, display ‘Search’ drop-down list.

Click Advanced link. Display ‘Type’ drop-down list.
**D. Toolbar buttons:** Cut, Copy, Paste, and Delete.

**E. Order button.**

1. Used to set order of folders or reports (i.e., entries).
2. Entries not moved to ‘Shown First’ display in default order at end of list.

**F. ‘More…’ Action column link.**

1. For folders.

   a. ‘Set properties’.

**BRIEFLY DISCUSS THE PROPERTIES THAT CAN BE SET ON EACH TAB.**
BRIEFLY DISCUSS EACH REMAINING ‘AVAILABLE ACTION’.

2. For reports.

POINT OUT THAT SOME ACTIONS ONLY DISPLAY WHEN APPLICABLE, SUCH AS ‘MODIFY THE SCHEDULE’.

BRIEFLY DISCUSS THE FOLLOWING ACTIONS (ALL OTHER ACTIONS WERE PREVIOUSLY DISCUSSED).

a. ‘View most recent report in HTML’.

b. ‘Modify the schedule’.

c. ‘Remove the schedule’.

POINT OUT THAT FOR THE ‘ALERT ME ABOUT NEW VERSIONS’ ACTIONS TO DISPLAY WE MUST FIRST ENTER AN EMAIL ADDRESS ON THE PERSONAL TAB OF THE ‘SET (MY) PREFERENCES’ SCREEN.

Click Cancel.

For the Resource Status Summary By Dispatch Center report view, click ‘More…’ link.

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Click Cancel.

Click My Area Options button in Cognos toolbar and select My Preferences from drop-down list.

Select the Personal tab. Enter any email address. Click OK.

Back on My Folders screen, for the Resource Status Summary By Dispatch Center report view, click ‘More…’ link.
**OUTLINE**

<table>
<thead>
<tr>
<th></th>
<th>AIDS &amp; CUES</th>
</tr>
</thead>
<tbody>
<tr>
<td>d.</td>
<td>‘Alert me about new versions’.</td>
</tr>
<tr>
<td>e.</td>
<td>‘Do not alert me about new versions’.</td>
</tr>
</tbody>
</table>

**EXPLAIN THAT THE REMAINING ACTIONS (MOVE, COPY, ETC.) FUNCTION THE SAME FOR REPORTS AS FOR FOLDERS.**

**PRACTICE SESSION.**

**REVIEW UNIT OBJECTIVES.**

**QUESTIONS?**

**REQUEST STUDENTS FILL OUT UNIT EVALUATION.**

Click Cancel.

ST-04-ROSSR-SL
ST-05-ROSSR-SL