Managing Cognos Connection's Folder Structure and System Admin Security Features

Presented by: AI Harris Temple University April 10, 2013 Session ID 2848

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Session Rules of Etiquette

- Please turn off your cell phone/pager
- If you must leave the session early, please do so as discreetly as possible
- Please avoid side conversation during the session

Thank you for your cooperation!

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Introduction

- This session is designed to demonstrate how Temple University uses Cognos Connection, Cognos security administration features, plus Oracle FGAC from Banner to the ODS, to help manage the tasks of delivering and securing Cognos reports across multiple functional areas.
- We hope to share some techniques and ideas with those who are just starting out with Cognos reporting.

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Agenda Slide

- Banner to Operational Data Store (ODS)
- Oracle Fine grained access control (FGAC)
- Operational Data Store (ODS) to Cognos
- Cognos Connection: Folders, Reports, Cognos Packages
- Cognos Security Administration
- Questions and Answers

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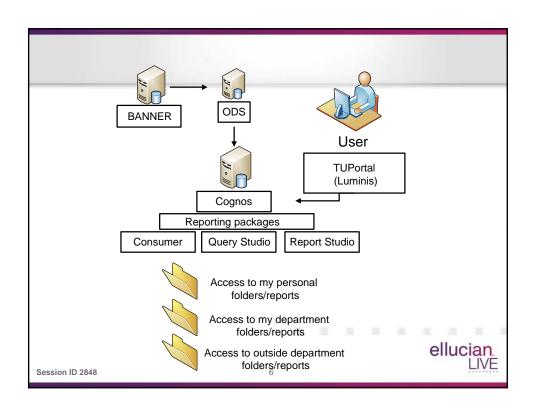
About Temple University

- Incorporated in 1888
- Based in Philadelphia, one of Pennsylvania's state-related research Universities, along with the University of Pittsburgh and Penn State
- Over 36,700 students and 5,700 employees
- 17 schools and colleges including schools in Law, Medicine, Pharmacy, Podiatry and Dentistry
- Multiple Campuses including international campuses in Tokyo, Rome, and London with programs in China, Korea, Greece, Israel, and more





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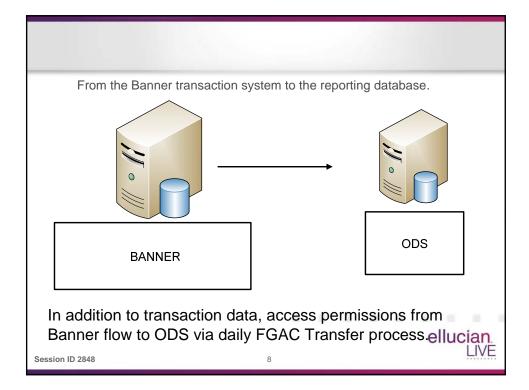


Banner to Operational Data Store (ODS)

From the Banner transaction system to the reporting database.

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Fine Grained Access Control (FGAC)

You see only the data you are "allowed" to see.

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FGAC

Oracle fine grained access control (FGAC) allows you to control what data a user can see in the ODS and Cognos.

Access permissions from Banner flow to ODS via FGAC Transfer

We use FGAC for Finance (fund/org) and FGAC for HR (org/eclass)

No FGAC used for Student or Advancement (Cognos security is primary method of securing access to this data).

Predicate with user's security (access permissions) is applied to all data requests.

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FGAC

This is the predicate appended to the query for general ledger: SQL> select odsmgr.mgksecr.f_check_ods_fga('ODSMGR','MFT_GENERAL_LEDGER') from dual;

 ${\tt ODSMGR.MGKSECR.F_CHECK_ODS_FGA('ODSMGR','MFT_GENERAL_LEDGER')}$

exists (select 'x' from mgbfgav, mgbsecr where ((mgbfgav_entity = sys_context(' userenv', 'session_user') and mgbfgav_entity_type = 'U')) and mgbsecr_entity = m gbfgav_entity and mgbfgav_fgaa_code = 'FINANCE' and mgbfgav_table_name = 'MFT_GENERAL_LEDGER' and mgbfgav_column_name = 'FUND' and NVL(mgbfgav_value, -999912345) = NVL(MFT_GENERAL_LEDGER.FUND, -999912345) and mgbfgav_column_name_2 = 'CHART_OF_ACCOUNTS' and NVL(mgbfgav_value_2, -999912345) = NVL(MFT_GENERAL_LEDGER.CHART_OF_ACCOUNTS, -999912345))

Bottom line.....Banner access comes over to the ODS via the Transfer FGAC process

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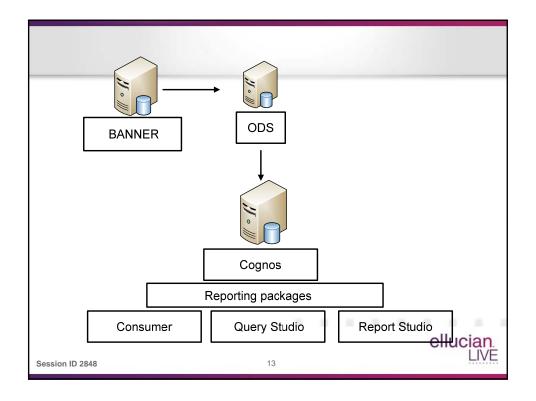
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Operational Data Store (ODS) to Cognos

Banner data, organized for Cognos reporting



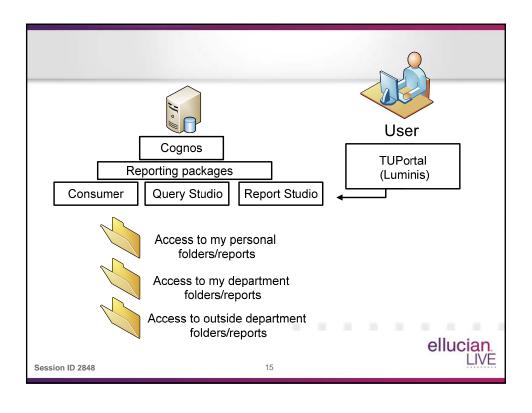


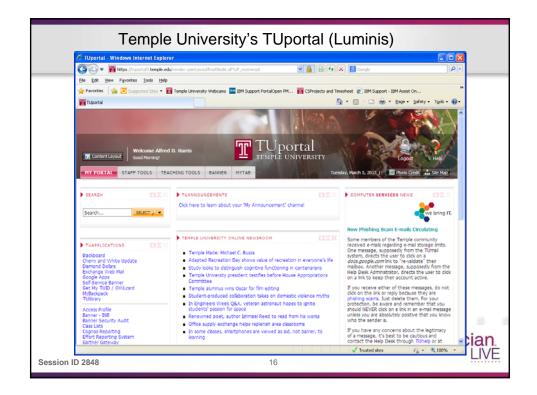
Cognos Connection: Folders, Reports, Cognos Reporting Packages

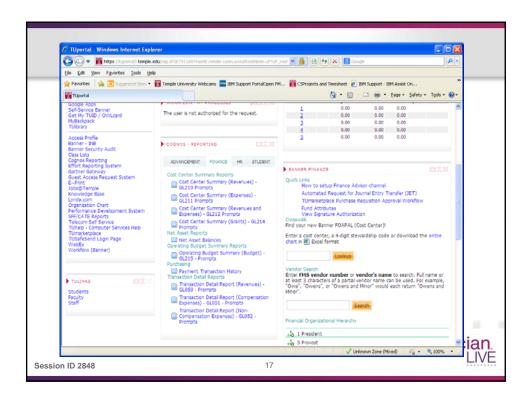
This is where my reports live....but which reporting objects are available to me?

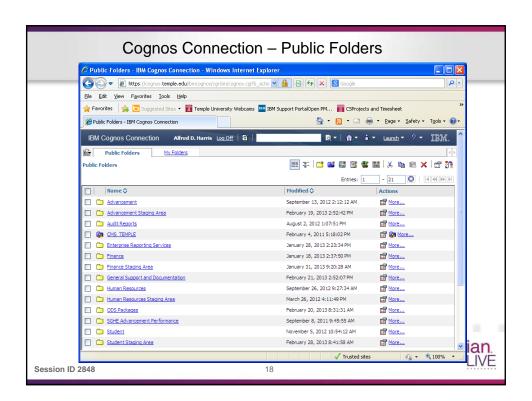
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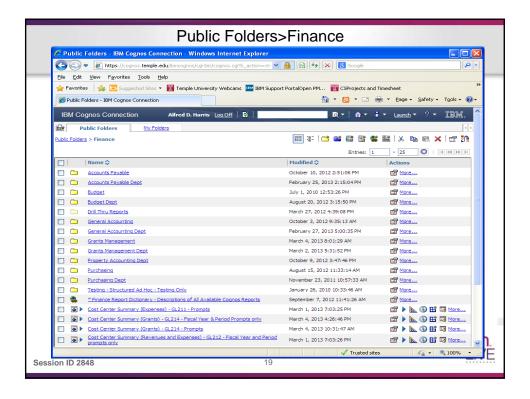
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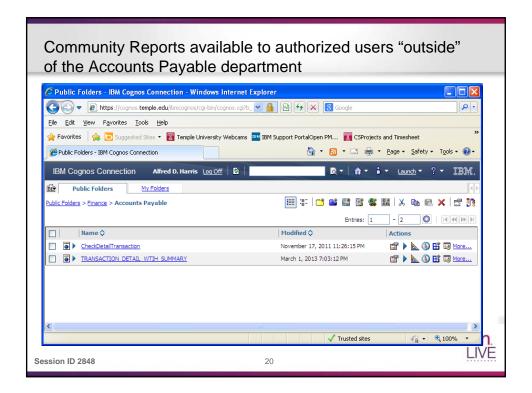


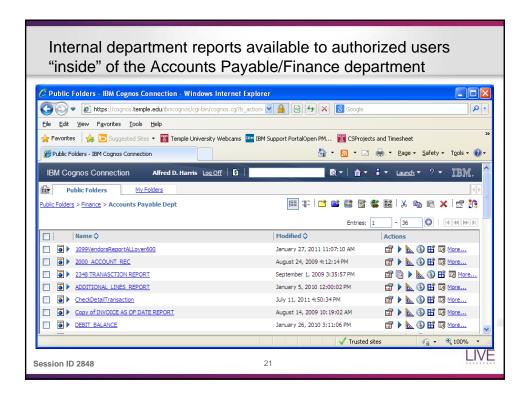


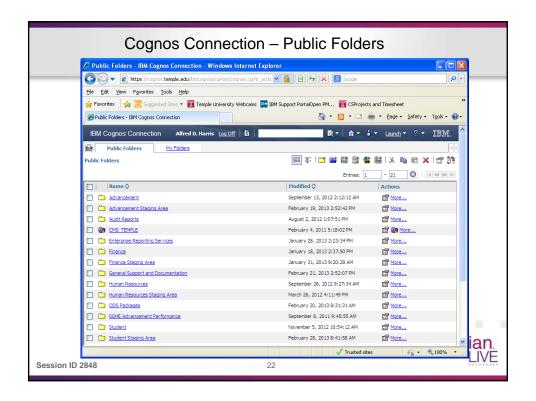


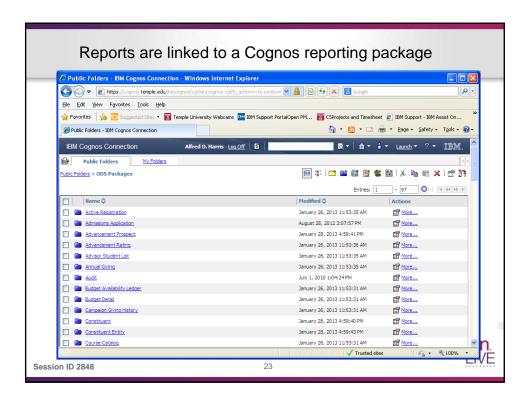


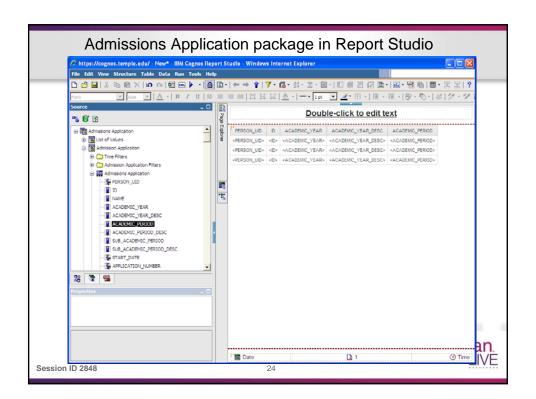




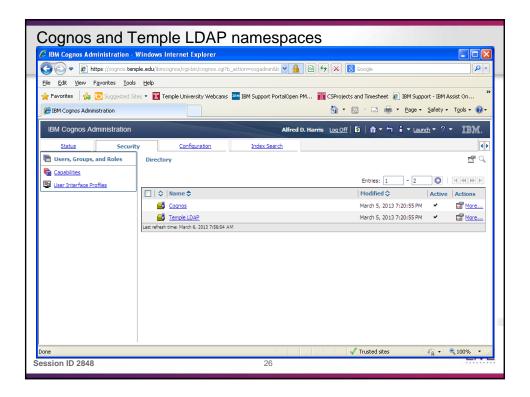


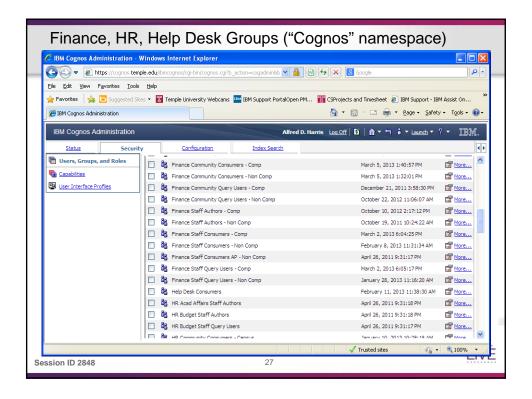


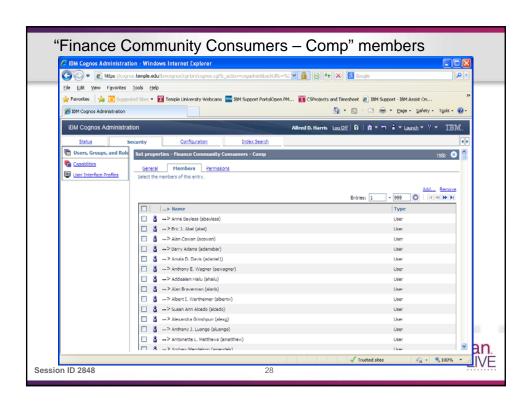


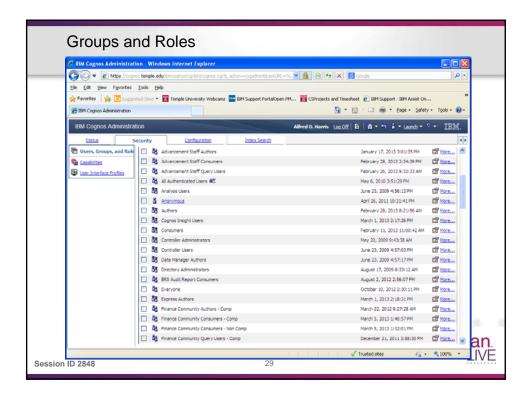


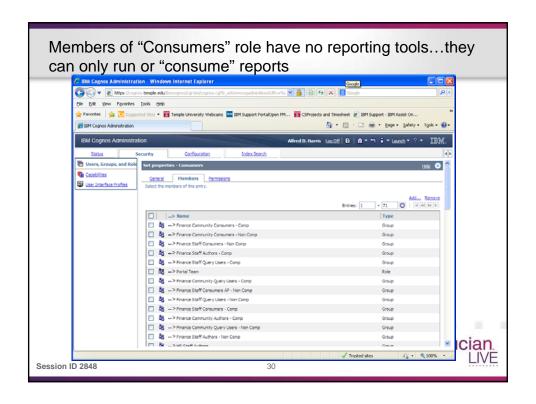


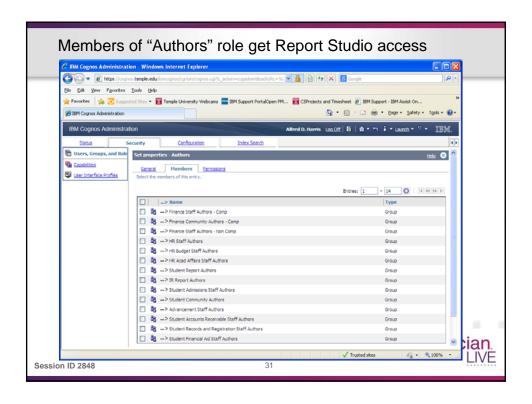


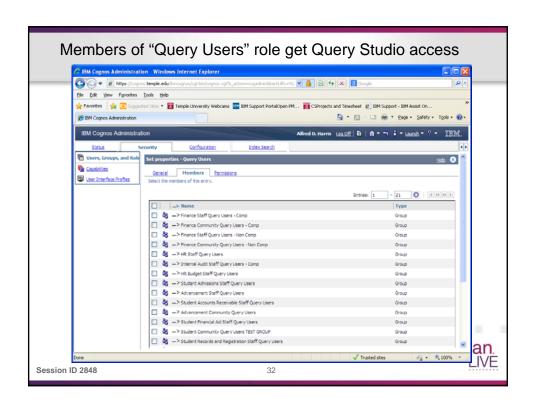


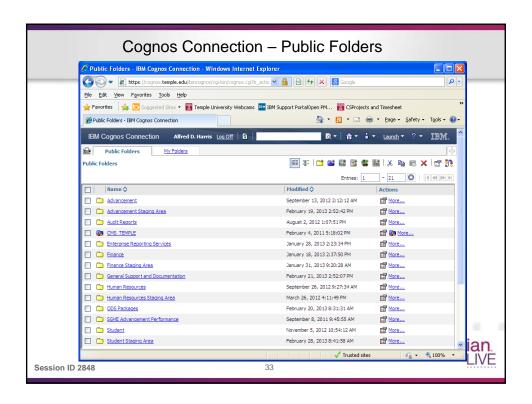


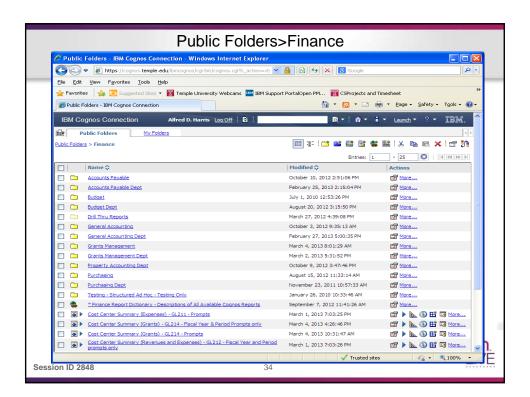


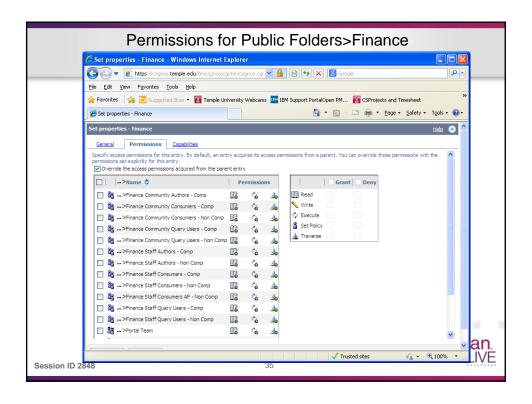


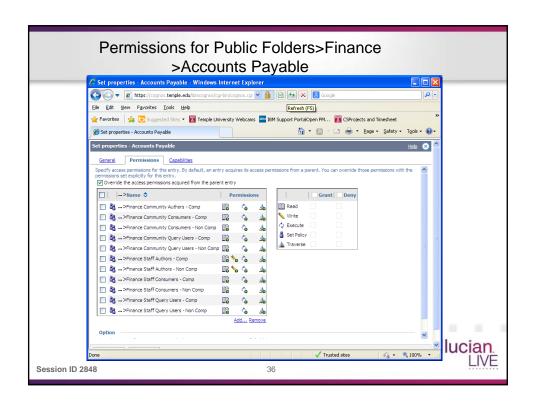


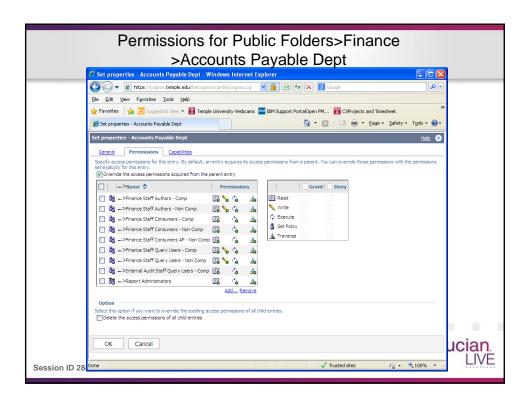


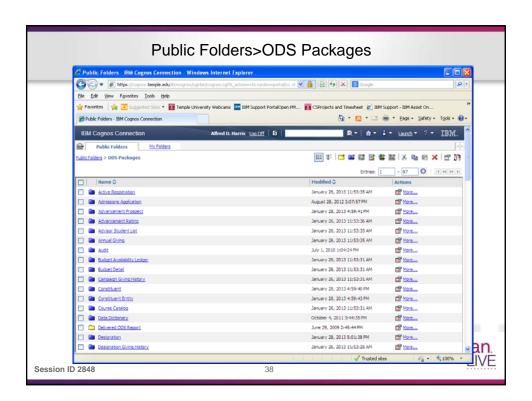


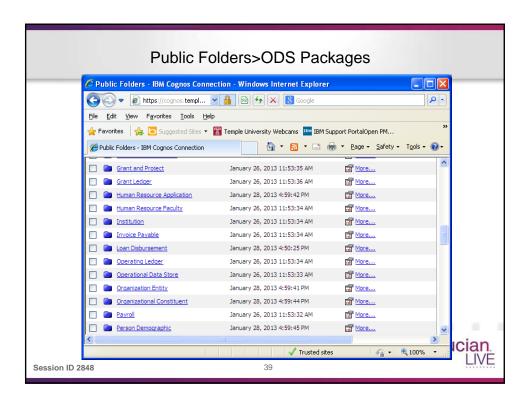


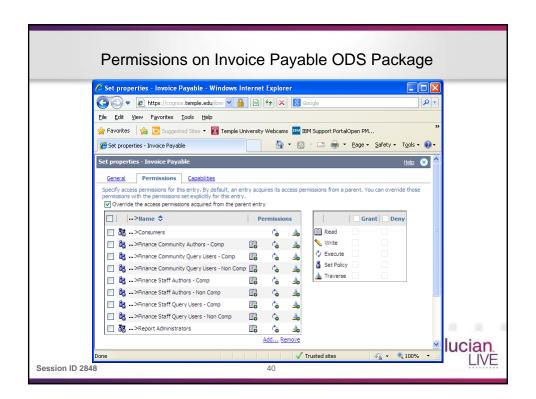


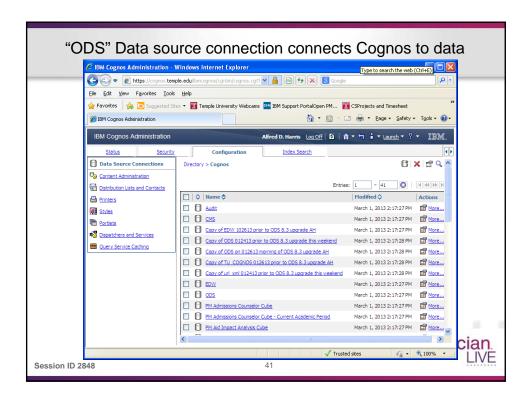


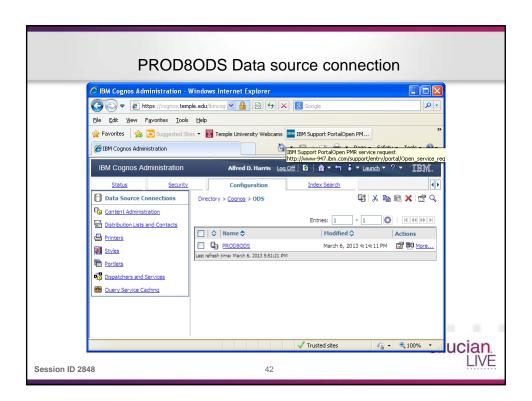


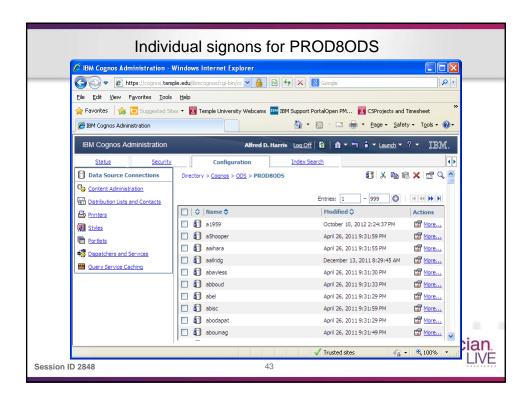


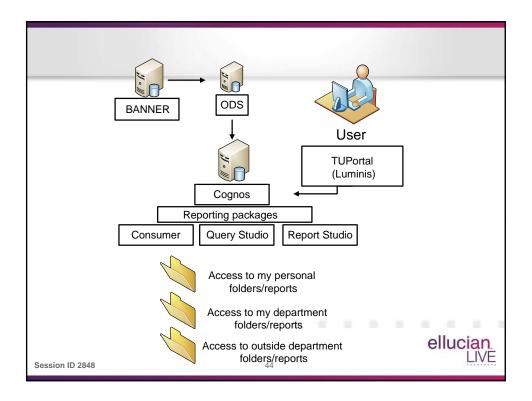












Summary

- Think about what structure might work for you and your customers (users).
- Try to make sure you are consistent in your methodology...easier to maintain.
- Sometime simpler is better.
- Take a look at what others are doing.

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Questions & Answers

- Any questions?
- I will answer them to the best of my ability.
- If I don't know the answer, I promise not to lie or just make up stuff on the fly.
- If your question is very involved, requiring a long, very detailed answer, I will offer to take the discussion "off line" and continue one on one after concluding this session.

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Thank You!

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