



Super Helpful Features in Cognos 12 You May Not Know About

Agenda

- Introductions
- Local file bursting
- Multiple gateway configuration
- Default parameters for report testing
- Replacements for Query/Analysis Studio
- About Senturus
- Q&A



Poll #1

What version of Cognos Analytics are you running?

- ☐ CA 12.0
- ☐ CA 11.2
- ☐ CA 11.1
- ☐ CA 11.0
- ☐ 10/8



Poll #2

What's preventing you from upgrading?

- Nothing, already did
- IE and QS/AS limitations
- Cost
- Need help

Introductions



TODD SCHUMAN

Practice Lead – Installations, Upgrades and
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Senturus, Inc.

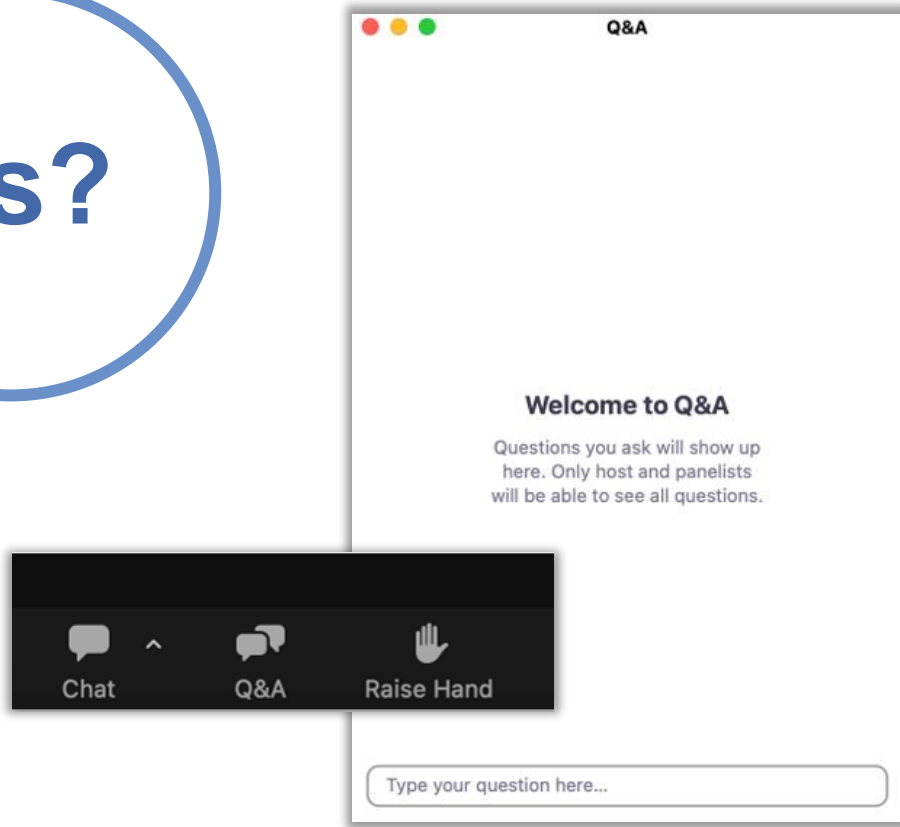


PAT POWERS

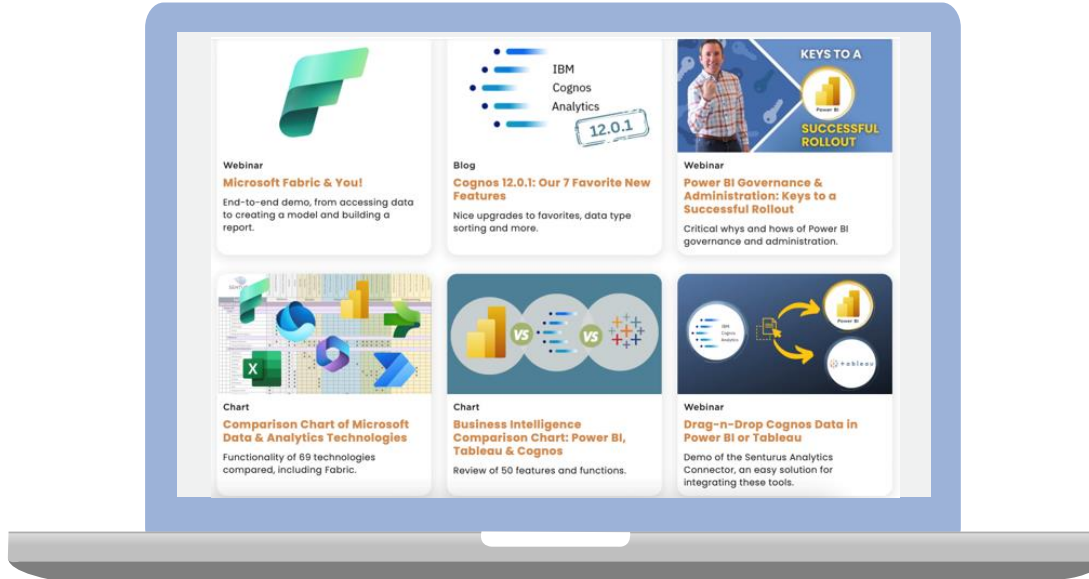
BI Trainer and Consultant
Senturus, Inc.

Questions?

Click Q&A at
the bottom of
your screen



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senturus.com/resources

A large stack of old, worn books, likely from a library or archive, tied with white string. The books are arranged in several vertical columns, showing their spines and edges. The paper appears aged and slightly discolored. The text "Bursting to local filesystem" is overlaid in the center.

Bursting to local filesystem

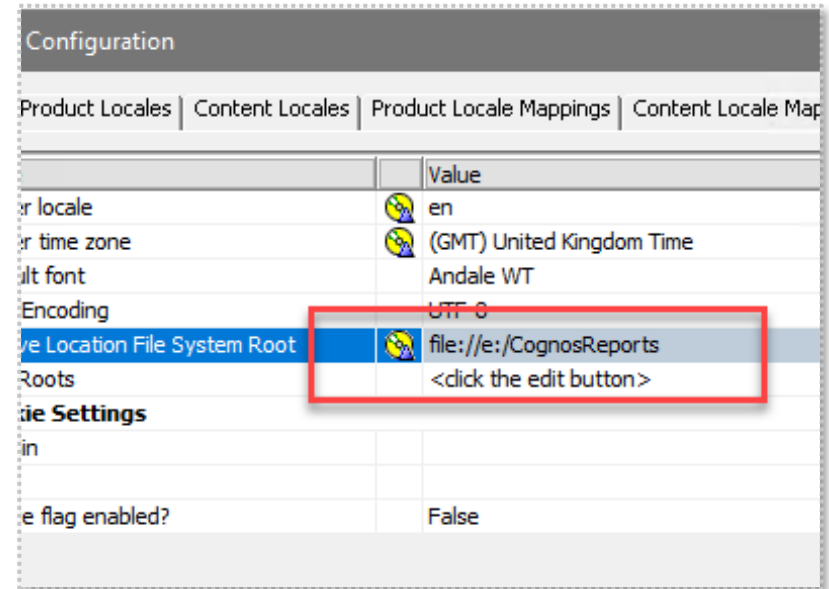
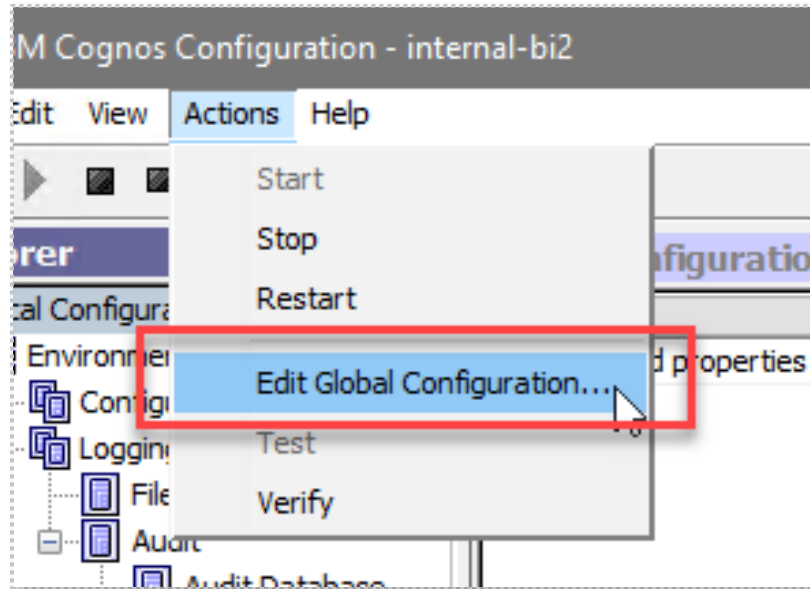
How to setup

- Not limited to Cognos 12
 - Available since Cognos 10
- Setup root in Cognos configuration
 - Local drive on Cognos server
 - Mapped network drive
- Define subfolders
- Schedule reports
- Optional:
 - Add scripts to move files



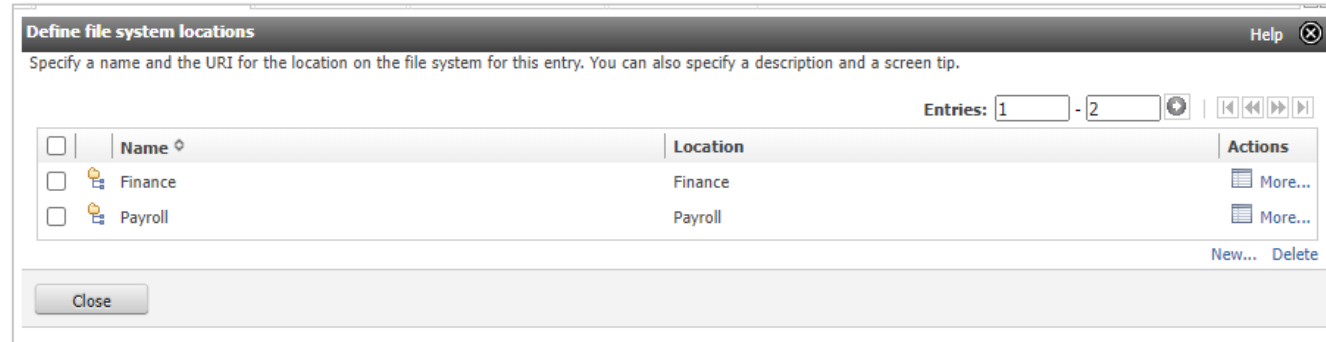
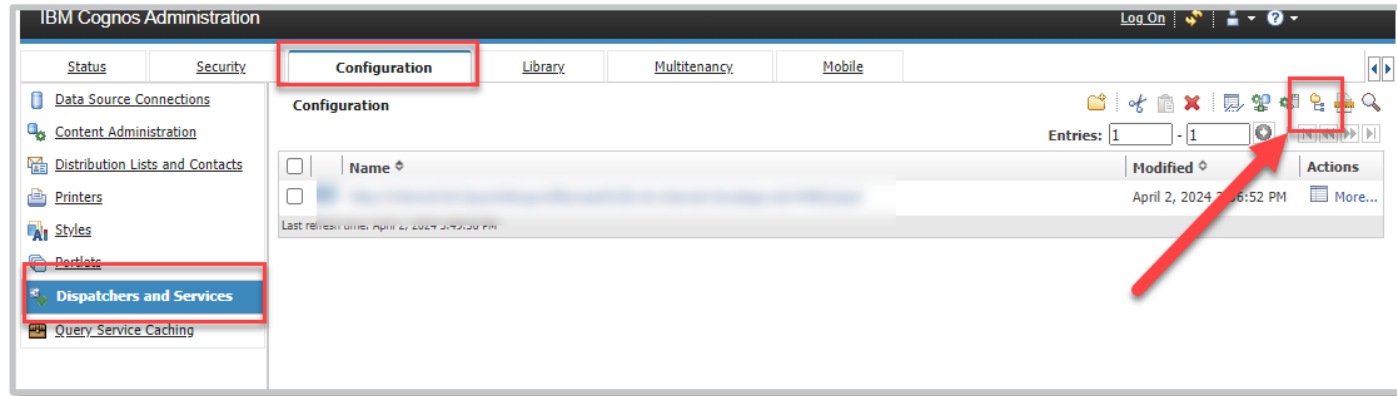
Root folder

- Cognos configuration
- Local drive or network drive
- Make sure Windows Service has read/write
- Network: file://\NetworkServer\Folder
- Restart Cognos to take effect



Setup sub folders

Admin Console → Configuration → Dispatchers



Schedule reports

Run in Background → Define Local Folder Path

☒ Run in background

☒ Now
☐ Later

☐ Show Run history details window after you click Run

☐ Include performance detail

☐ Prompt me

← Save report as an external file

Name
Burst Report Demo [Reset name](#)

Location
Finance ▼

Conflict resolution
☐ Keep existing files

Data (E:) > CognosReports > Finance

Name	Date modified	Type
Burst Report Demo-en-us-Australia.pdf	4/2/2024 8:05 PM	Chrome HTML Document
Burst Report Demo-en-us-Australia-pdf_desc.xml	4/2/2024 8:05 PM	XML Document
Burst Report Demo-en-us-Austria.pdf	4/2/2024 8:05 PM	Chrome HTML Document
Burst Report Demo-en-us-Austria-pdf_desc.xml	4/2/2024 8:05 PM	XML Document
Burst Report Demo-en-us-Belgium.pdf	4/2/2024 8:05 PM	Chrome HTML Document
Burst Report Demo-en-us-Belgium-pdf_desc.xml	4/2/2024 8:05 PM	XML Document
Burst Report Demo-en-us-Brazil.pdf	4/2/2024 8:05 PM	Chrome HTML Document
Burst Report Demo-en-us-Brazil-pdf_desc.xml	4/2/2024 8:05 PM	XML Document
Burst Report Demo-en-us-Canada.pdf	4/2/2024 8:05 PM	Chrome HTML Document
Burst Report Demo-en-us-Canada-pdf_desc.xml	4/2/2024 8:05 PM	XML Document
Burst Report Demo-en-us-China.pdf	4/2/2024 8:05 PM	Chrome HTML Document
Burst Report Demo-en-us-China-pdf_desc.xml	4/2/2024 8:05 PM	XML Document
Burst Report Demo-en-us-Denmark.pdf	4/2/2024 8:05 PM	Chrome HTML Document
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Burst Report Demo-en-us-Finland.pdf	4/2/2024 8:05 PM	Chrome HTML Document
Burst Report Demo-en-us-Finland-pdf_desc.xml	4/2/2024 8:05 PM	XML Document
Burst Report Demo-en-us-France.pdf	4/2/2024 8:05 PM	Chrome HTML Document
Burst Report Demo-en-us-France-pdf_desc.xml	4/2/2024 8:05 PM	XML Document
Burst Report Demo-en-us-Germany.pdf	4/2/2024 8:05 PM	Chrome HTML Document
Burst Report Demo-en-us-Germany-pdf_desc.xml	4/2/2024 8:05 PM	XML Document

Next steps

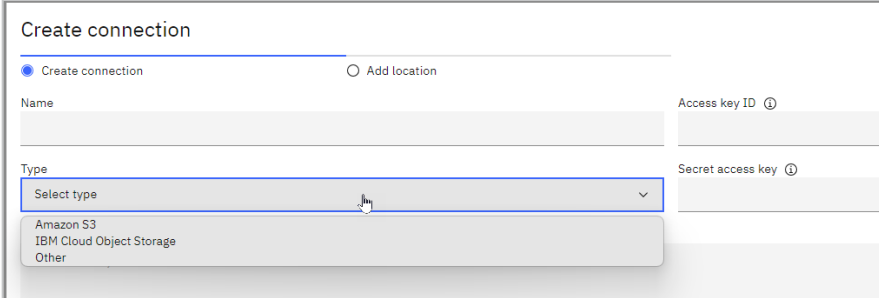
Scripts to move reports

- SharePoint
- SFTP

Setup cloud storage

- Amazon S3

Secure sensitive folders



The screenshot shows a 'Create connection' dialog box. At the top, there are two radio buttons: 'Create connection' (selected) and 'Add location'. Below this, there is a 'Name' text input field. To the right of the 'Name' field is an 'Access key ID' field with a help icon. Below the 'Name' field is a 'Type' dropdown menu. The dropdown menu is open, showing three options: 'Select type', 'Amazon S3', 'IBM Cloud Object Storage', and 'Other'. To the right of the 'Type' dropdown is a 'Secret access key' field with a help icon.

The image features a light blue, textured wall with a series of concentric circular openings. The largest circle is in the foreground, and several smaller circles are nested within it, creating a tunnel-like perspective. Through the circles, a blue metal structure with vertical bars is visible, followed by a red building and a gravel area. The text "Multiple gateways" is overlaid in white, bold, sans-serif font across the middle of the image.

Multiple gateways

Custom login pages

- One for each namespace
- Remove need for user to pick from dropdown
- Hide existence of other groups to users
- Admin login to log into multiple namespaces

Install additional gateways

New folder for each gateway component

Location

Install location:

E:\Program Files\ibm\cognos\analytics_GW1

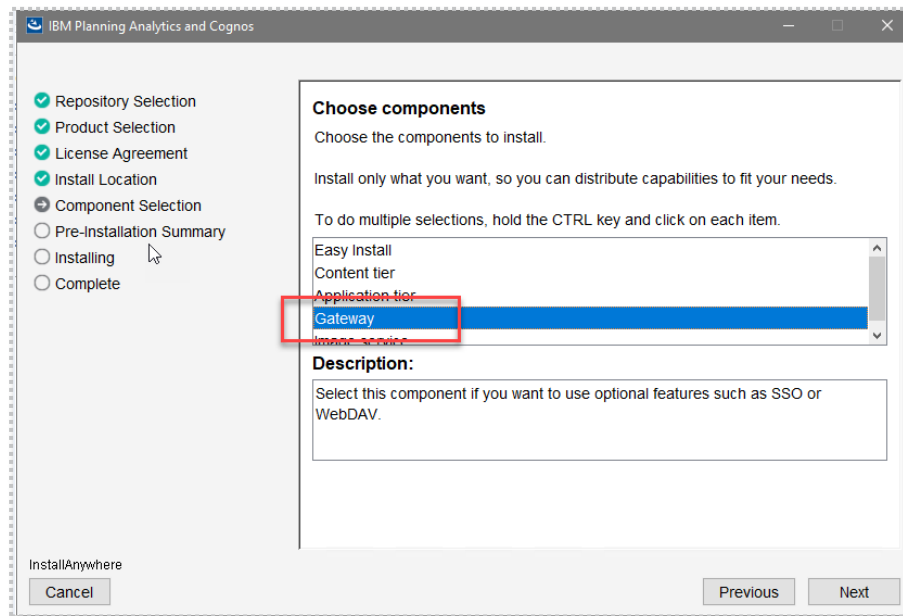
Restore Default

Choose...

Shortcut Folder:

IBM Cognos Analytics - GW1

☒ Make shortcut visible to all users in the Start menu



Create IIS alias

Use Script to create new alias for each gateway

```
IIS*Configuration Script for IBM Cognos Analytics
*****
Web Site Name: Default Web Site (http)
Alias Name: ibmcognos_GW1
Application Pool Name: ICAPool
CA Gateway Location: E:\Program Files\ibm\cognos\analytics_GW1
PATH VALID: FOUND CA GATEWAY 12.0.2
CA Dispatcher(s) and Port#(s): (http)
SSO Enabled: False
*****
If values above are correct - press 'y' to continue.
If values above are incorrect - press 'n' to exit.
What is your choice (y/n) _
```

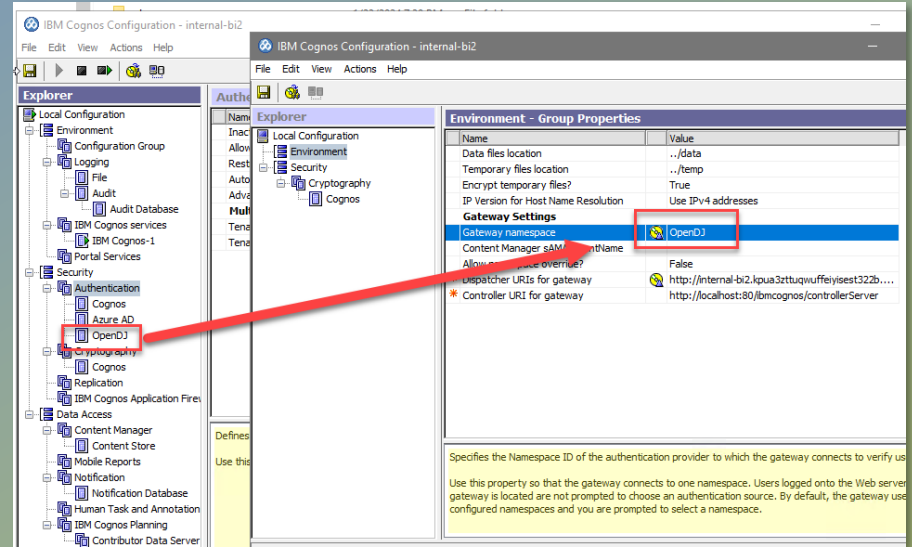
```
:: set Cognos Analytics alias
:: This is the web alias you will use for Cognos Analytics.
::
set alias=ibmcognos_GW1

:: Location of the Cognos Analytics gateway folder
:: Type in the path to the Cognos Analytics gateway install (ex. C:\Program Fi
::
set ca_path=E:\Program Files\ibm\cognos\analytics_GW1

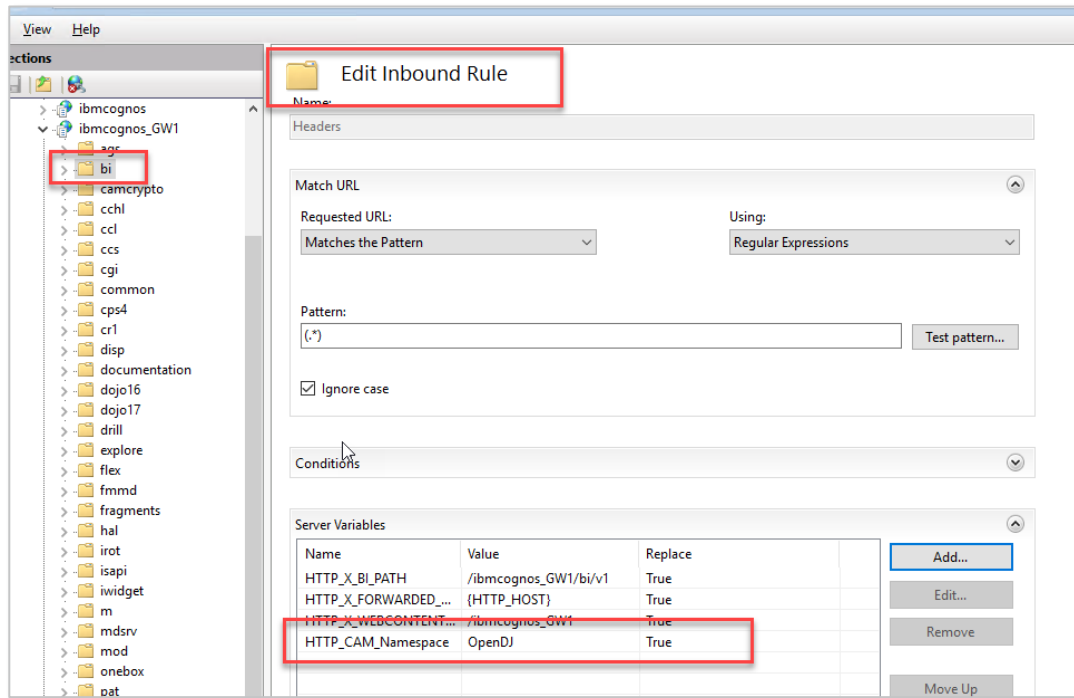
:: CA dispatcher servers (Only Application Servers - Do not list Content Manag
:: When adding more than one server to the listing, increase disp[x] by 1. Al
```

Setup Cognos config

Define the gateway namespace for each namespace from Cognos server configuration



Setup server variable on Header in IIS





Default parameters

Smart default parameters

Date logic

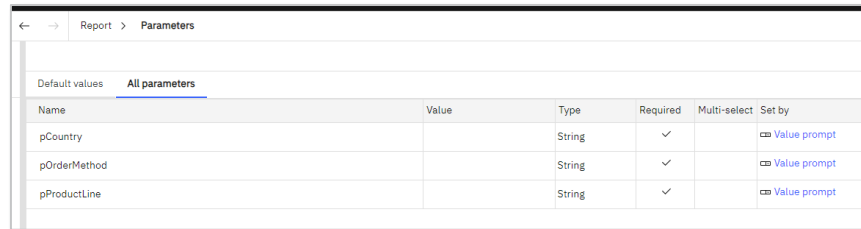
- First of month
- Last of month
- Yesterday

Default to top customer

- Avoid hard coded/static values
- Use data to drive selections

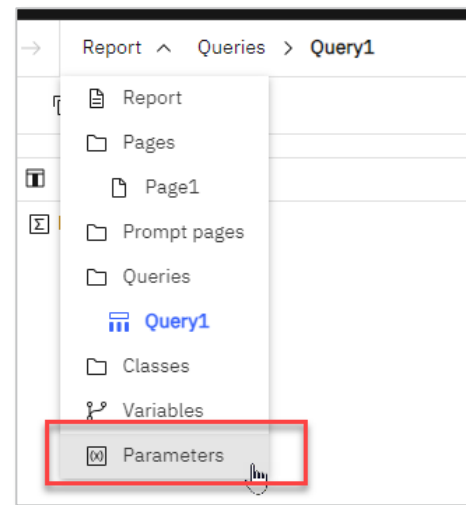
```
mirror_mod = modifier_ob.  
set mirror object to mirror.  
mirror_mod.mirror_object =  
operation == "MIRROR_X":  
mirror_mod.use_x = True  
mirror_mod.use_y = False  
mirror_mod.use_z = False  
operation == "MIRROR_Y":  
mirror_mod.use_x = False  
mirror_mod.use_y = True  
mirror_mod.use_z = False  
operation == "MIRROR_Z":  
mirror_mod.use_x = False  
mirror_mod.use_y = False  
mirror_mod.use_z = True  
  
selection at the end -add  
ob.select= 1  
modifier_ob.select=1  
context.scene.objects.active  
("Selected" + str(modifier  
mirror_ob.select = 0  
bpy.context.selected_obj  
data.objects[one.name].se  
print("please select exactly  
-- OPERATOR CLASSES ----  
  
types.Operator):  
X mirror to the selected  
object.mirror_mirror_x"  
mirror X"  
  
context):  
context.active_object is not
```

Parameters in report



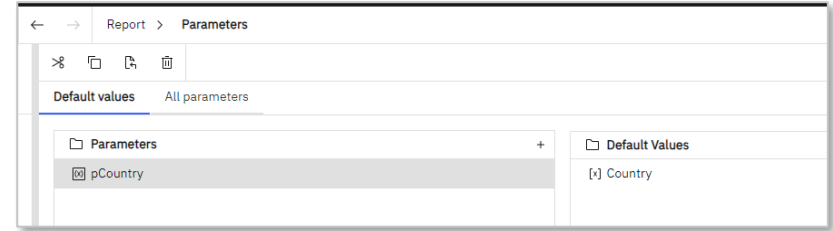
The screenshot shows the 'Parameters' tab in a report viewer. It displays a table of parameters with columns for Name, Value, Type, Required, Multi-select, and Set by. The parameters listed are pCountry, pOrderMethod, and pProductLine, all of type String and required.

Name	Value	Type	Required	Multi-select	Set by
pCountry		String	✓		Value prompt
pOrderMethod		String	✓		Value prompt
pProductLine		String	✓		Value prompt



Define default values

- Use report expression logic
- Use value from queries





Replacements for Query/Analysis Studio

Report settings

Disable

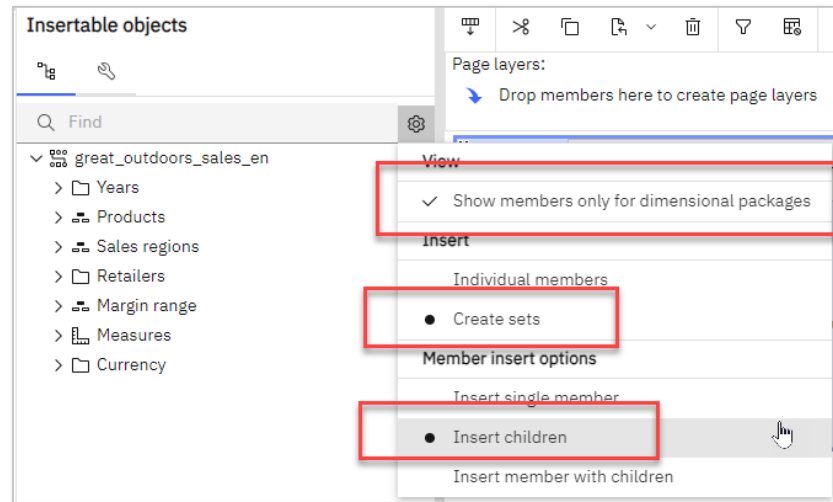
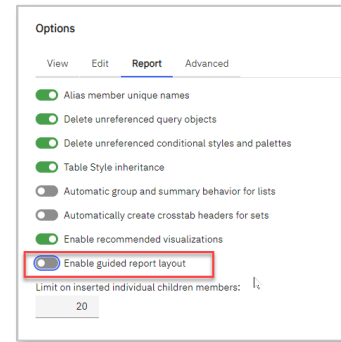
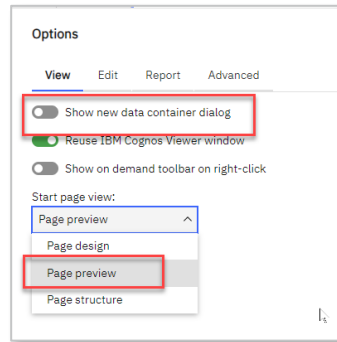
- Show new data container dialog
- Guided report layout

Set page view

- Page preview

Adjust settings for model

- Show members only for dimensional packages
- Create sets
- Insert children



Create and customize roles

The screenshot displays the 'Accounts' management interface. On the left, a list of roles is shown, with 'QS/AS Users' selected and highlighted. The main panel shows the configuration for this role, including tabs for General, Customization, Members, and Permissions. The 'Customization' tab is active, showing settings for Home page, Features, Themes, Custom folder, Default upload location, Default source, and Parameters. The 'Features' tab on the right lists various features that can be enabled or disabled for this role. Red boxes highlight the 'Namespaces > Cognos' breadcrumb, the 'Customization' tab, the 'Default' dropdown for Features, the 'Reporting' feature, the 'Context Menus' sub-menu, the 'Collections' sub-menu, and the 'Report' sub-menu.

Name	Modified
Library Administrators	6/7/2023 5:45 PM
Mobile Administrators	6/7/2023 5:45 PM
Mobile Users	6/7/2023 5:45 PM
Modelers	6/7/2023 5:45 PM
Portal Administrators	6/7/2023 5:45 PM
PowerPlay Administrators	6/7/2023 5:45 PM
PowerPlay Users	6/7/2023 5:45 PM
QS/AS Users	4/4/2024 3:03 PM
Query Users	6/7/2023 5:45 PM
Readers	6/7/2023 5:45 PM
Report Administrators	6/7/2023 5:45 PM
Server Administrators	6/7/2023 5:45 PM

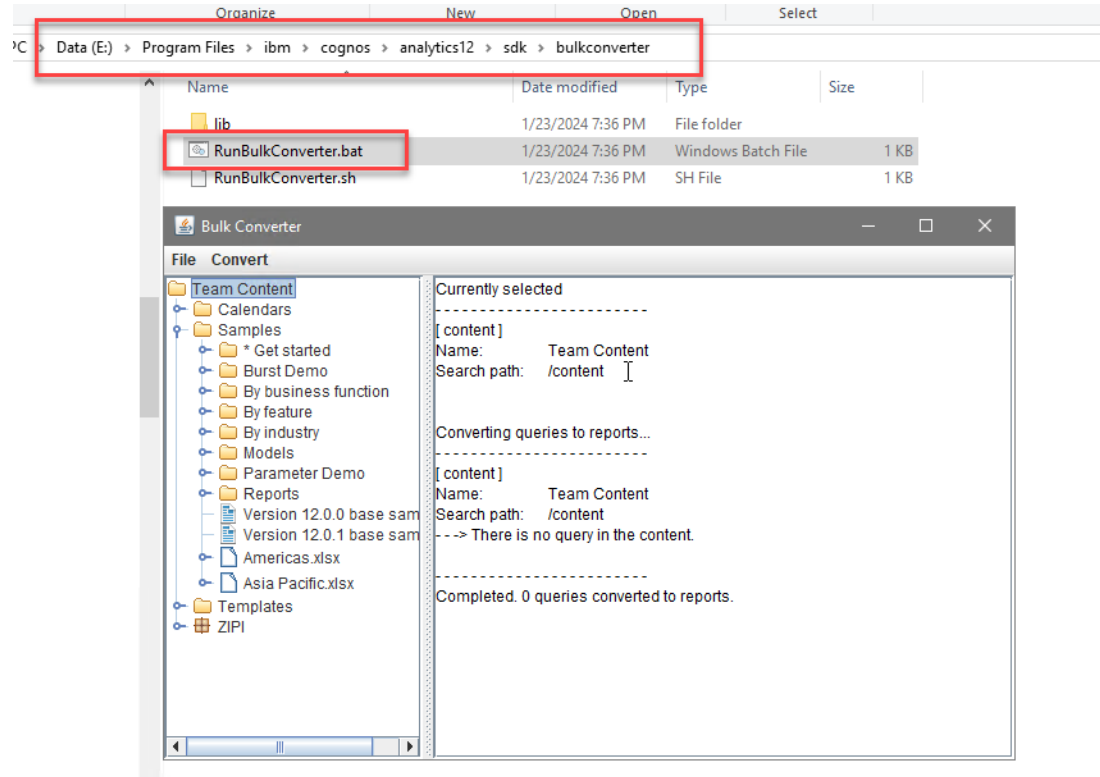
Customization Settings:

- Home page: Default
- Features: Default
- Themes: Default
- Custom folder: >
- Default upload location: Default
- Default source: Default
- Parameters: Settings

Advanced Settings:

- Activities: ☐
- Assistant: ☐
- Reporting: ☐
- Application Bar: ☐
- Alert Bar: ☐
- Navigation Bar: ☐
- Context Menus: ☐
- Tenant Parameters: ☒
- Cube options: ☒
- Set as home: ☒
- Object explorer options: ☒
- Delete: ☒
- New: ☒
- Collections: ☐
- On-Demand Toolbar: ☒
- Report: ☒
- Pages: ☒
- Prompt pages: ☒
- Queries: ☒
- Classes: ☒
- Variables: ☒
- Parameters: ☒

Bulk Converter





Demo



Get help upgrading & optimizing Cognos

Support to fit your needs

- End-to-end implementation
- Quick start
- Mentoring

Senturus.com/cognos-upgrade

Additional services

- Fix stability issues
- Setup new data sources
- Report development
- Performance tuning

Events and resources

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MAY 9

**Cognos to Power BI:
Accelerating
Timelines &
Business Value**



MAY 22

**Q&A: Microsoft
Power Automate**



JULY 18

**Drag & Drop Cognos
Data in Power BI or
Tableau**



ON DEMAND

**Cognos Analytics
Performance Tuning
Tips**

Additional resources



**INSIDER
VIEWPOINTS**



**UNBIASED
REVIEWS**



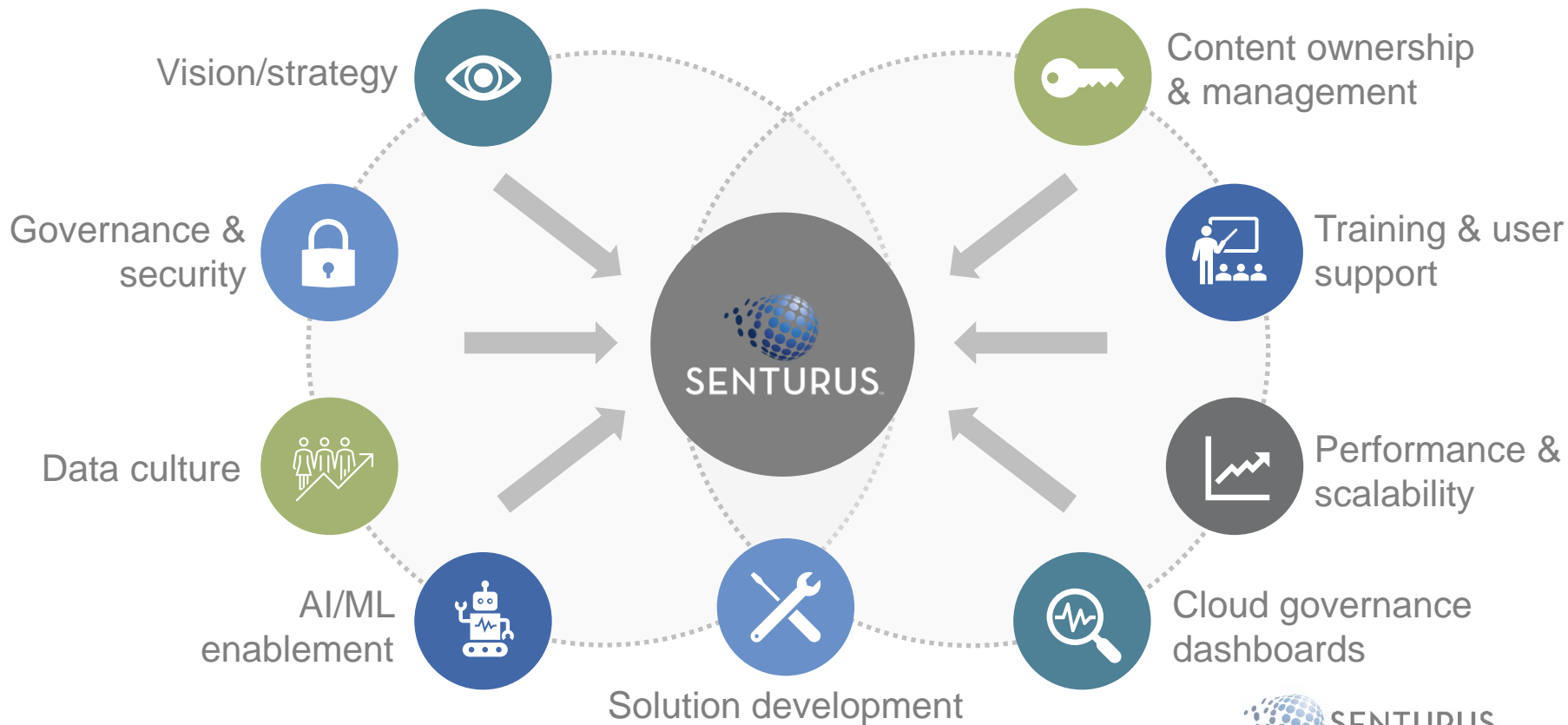
**TECHNICAL
TIPS**



**PRODUCT
DEMOS**

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Modern BI: accelerated & accessible



NETGEAR

Shutterfly

KORBEL
CALIFORNIA CHAMPAGNE

TRINCHERO
Family Estates

patagonia

jamba

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CHOCOLATE

SEPHORA

WAGNER
ASIA EQUIPMENT LLC

CAT

Genentech
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COFFEE

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OF CALIFORNIA

VISA



KELLY-MOORE
PAINTS



Abbott

GILEAD

KAISER PERMANENTE

FREMONT
BANK



intuit

AVISTA

AMERICAN
ELECTRIC
POWER



BIO-RAD

UCSF

University of California
San Francisco

TriNet



History of success

23 years

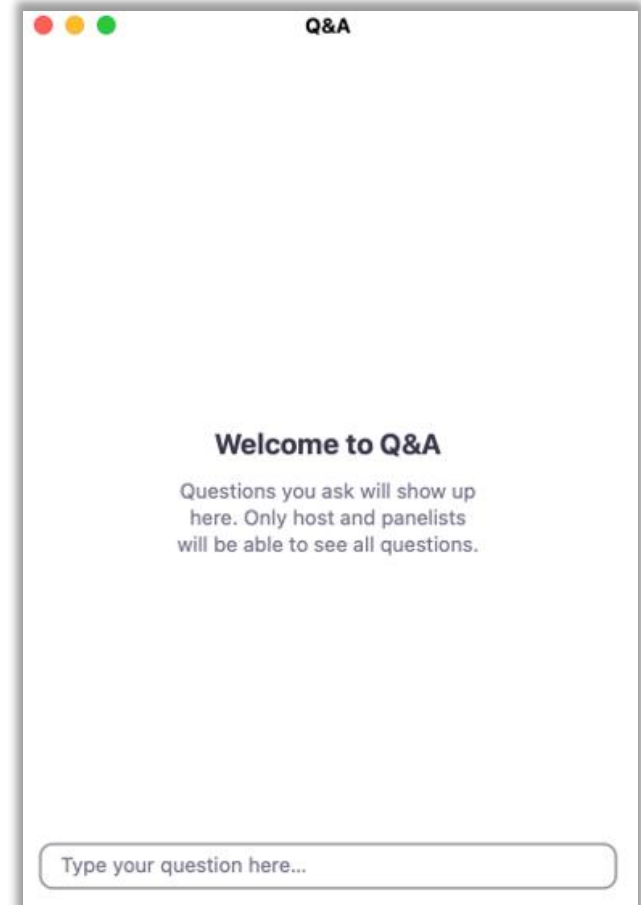
1400+ clients

3000+ projects

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Q&A

If your question or issue is broader than what we can answer today, contact us at: info@senturus.com and we will set up a free consultation.





SENTURUS^{TV}

Thank You!

Let's keep in touch



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