

IBM Cognos Analytics

Administration

September, 2018

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Features under development for possible future release; confidential until announced

CONFIDENTIAL

e.g. Statements of strategy, competitive standing, etc.

“unmarked”

e.g. promotional material and content you will find in other public documents










Securing Cognos Analytics 11

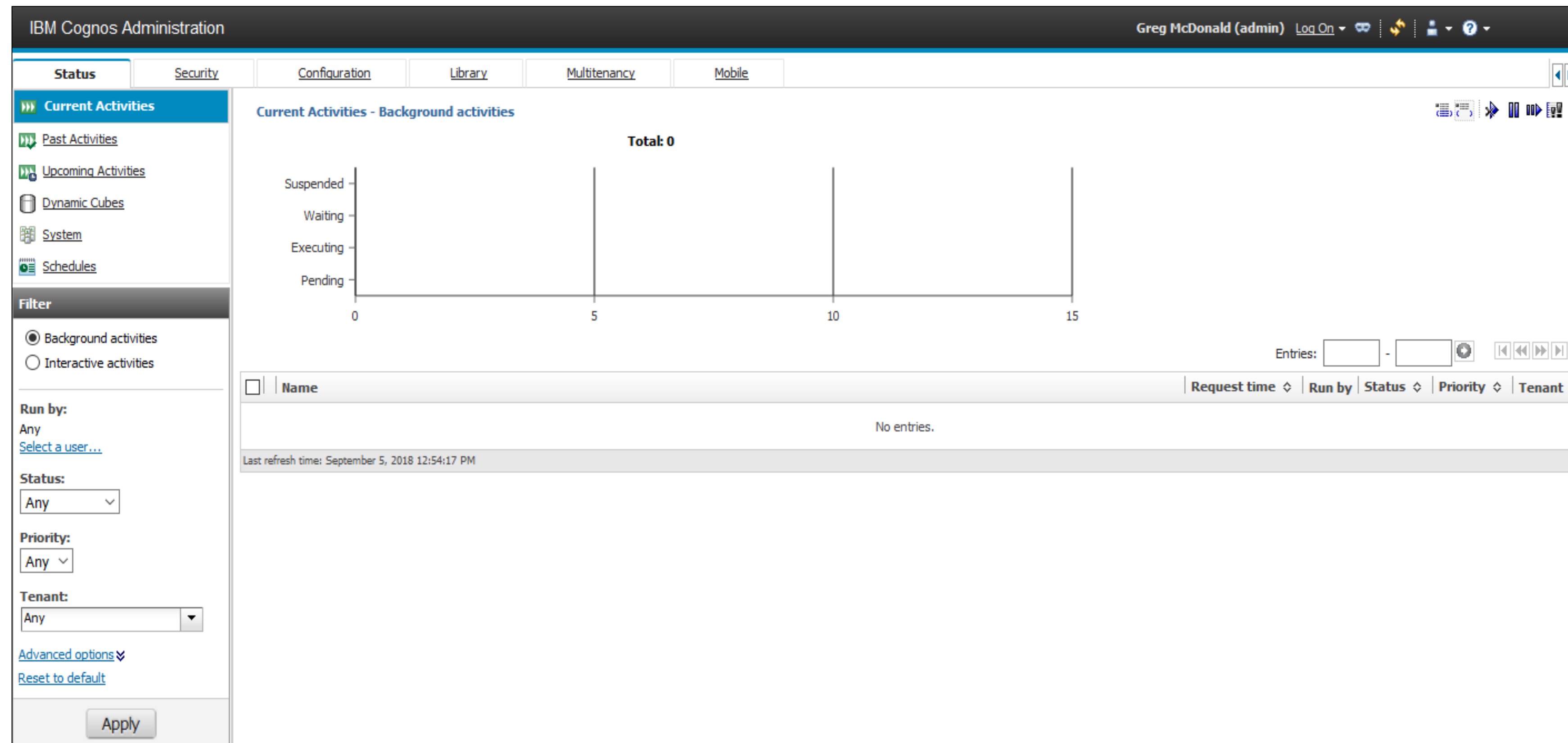
- Document on how to secure Cognos Analytics
 - Based on what we do in the cloud
 - Available at the end of September on our community
 - Security Checklist that covers:
 - SSL to Content store and reporting databases
 - Securing components with SSL/TLS
 - Cryptography settings
- Also contains configuring IBM AppScan



Manage vs Administration Console

- Must use both to manage the system
- Goal is to completely remove the console

-  **Accounts**
Create and manage team members
-  **Licenses**
Manage licenses
-  **Activities**
Manage activities
-  **Content**
Create and manage content
-  **Data server connections**
Create and manage connections
-  **Configuration**
Manage system settings
-  **Customization**
Manage themes and extensions
-  **Multitenancy**
Share services with multiple tenants
-  **Administration console...**



IBM Cognos Administration

Greg McDonald (admin) Log On

Status Security Configuration Library Multitenancy Mobile

Current Activities

Past Activities
Upcoming Activities
Dynamic Cubes
System
Schedules

Filter

Background activities
 Interactive activities

Run by:
Any
[Select a user...](#)

Status:
Any

Priority:
Any

Tenant:
Any

[Advanced options](#)
[Reset to default](#)

Apply

Current Activities - Background activities

Total: 0

Suspended
Waiting
Executing
Pending

0 5 10 15

Entries: -

Name	Request time	Run by	Status	Priority	Tenant
No entries.					

Last refresh time: September 5, 2018 12:54:17 PM

Auditing

- **NEW**

- Dashboards and Stories
- Execute reports, dashboards and stories by package for past 30 days
- Execute reports, dashboards and stories by user
- Deleted user account report

- **Coming Soon**

- Cognos Analytics 11 – Audit Extension
- Audit Extension as part of the core audit functionality



Licenses

- Switch prod/non-prod
- New License Roles
 - 4 license roles now created with proper capabilities assigned
 - Everyone is only part of System Administrator
- **Used** is a calculated value based on capabilities of the user
- **Owned** is input by the administrator
- Free up license requires Content Management cleanup (external consistency check or manual)

Licenses

Environment type

Production

Non-production

Global license usage

Used licenses represent the number of users that have accessed the product. You can set the number of owned licenses and view the license usage by user.

Licenses	Used	Owned	
Analytics Administrator	2	0	>
Analytics Explorer	13	0	>
Analytics User	10	0	>
Information Distribution	9	0	>
Total (global licenses)	34	0	

Export Refresh Last refresh Sep 5, 2018 4:51 PM

Logging

- **Diagnostic**

- Use this in an environment for intermittent problems
 - Content Manager, CAMAAA ...


- **Session**

- Use this feature when a user can reproduce the problem
- Logs user activity at highest level of detail in every CA component and service that services the users request

NOTE: See Logging PowerPoint deck for additional details



Logging

 **Greg McDonald**
gmcdonald@example.com
(admin)

My schedules and subscriptions

My preferences

Log my session

My Inbox

My Watch Items

Sign in

Sign out

User session logging

Session logging On

Log identifier 0dcf7e03-e47c-4011-b564-46db923aed79

Session logging is used to enable detailed, diagnostic logging for your current Cognos Analytics session. Session logging can run for one hour maximum, but can be turned off at any time.

A unique identifier is generated to allow the administrator to identify the session logging data. Record the log identifier before you turn off the logging or close your browser.

< Diagnostic logging

Active topic: DEFAULT LOGGING

Default logging setting

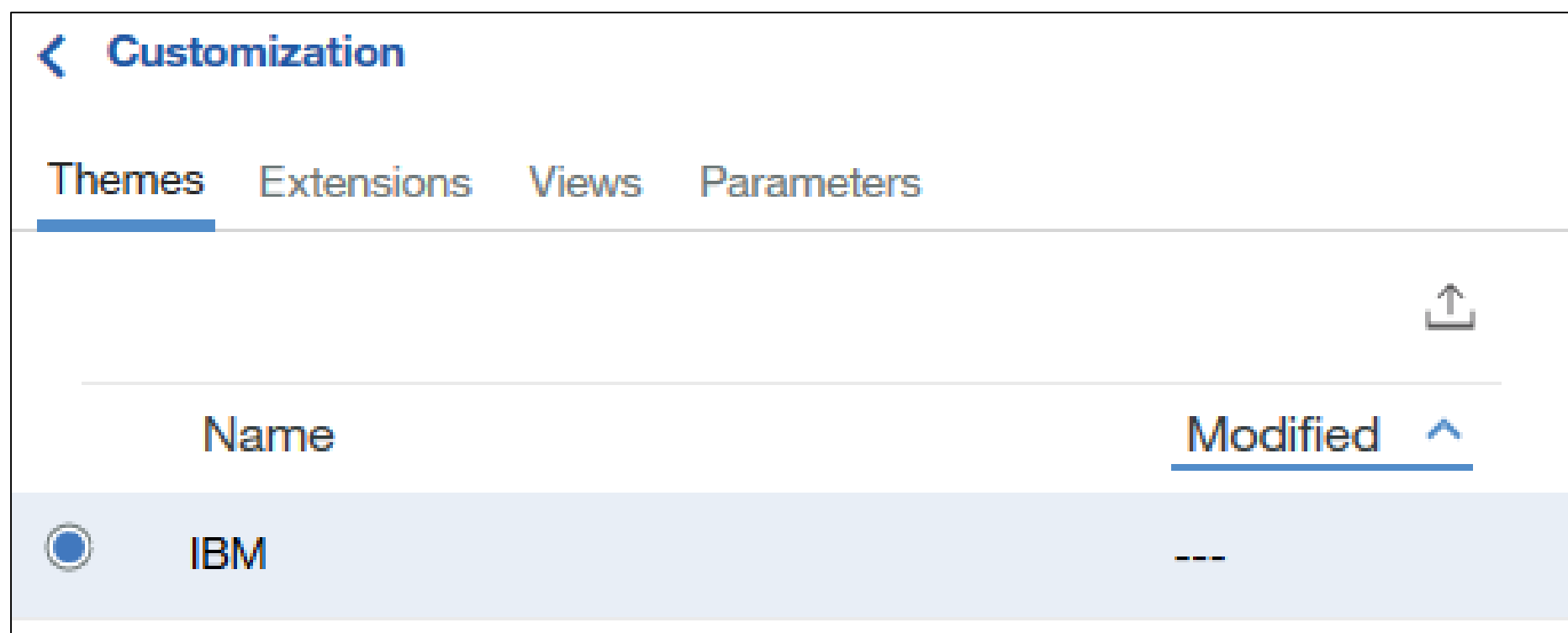
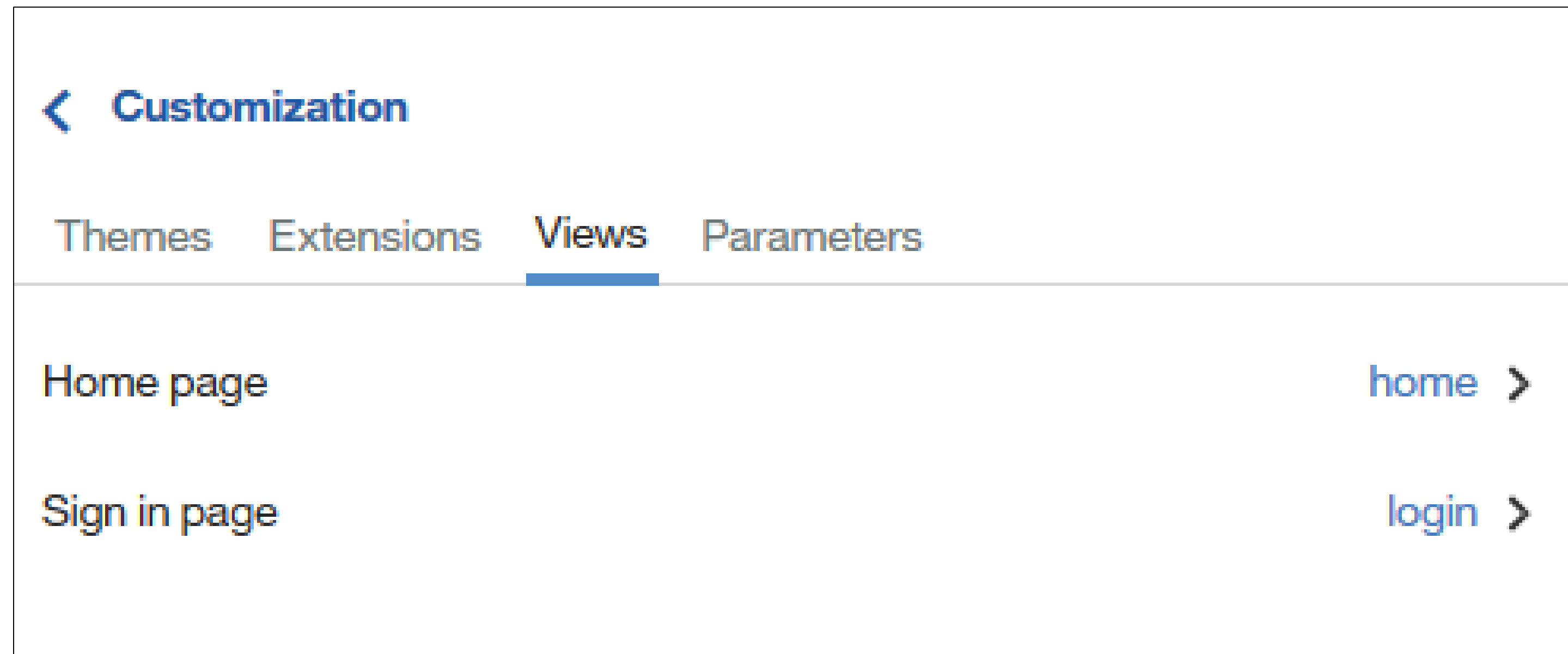
Built-in topics Custom topics

Show all

- AAA
- CM
- DEFAULT LOGGING**
- DISP
- MOSER
- POGO_MSGS

Customization

- Upload custom Themes and Extensions
- Apply them to Cognos Roles
- Set Default Home Page
- Create custom sign in page
- Samples provided



Data Server Connections

- Creating and managing JDBC connections
- Classic Query connections managed in Administration Console



New data server connection

Owner: Unknown | Created: | Modified: | Type: Connection

General Settings Schemas Permissions

Connection details [Edit >](#)

Authentication method

Connect anonymously

Prompt for the user ID and password

Use an External Namespace

Use the following signon:

[Test](#) Not tested

[Save](#)

Edit IBM Db2 connection

JDBC URL:

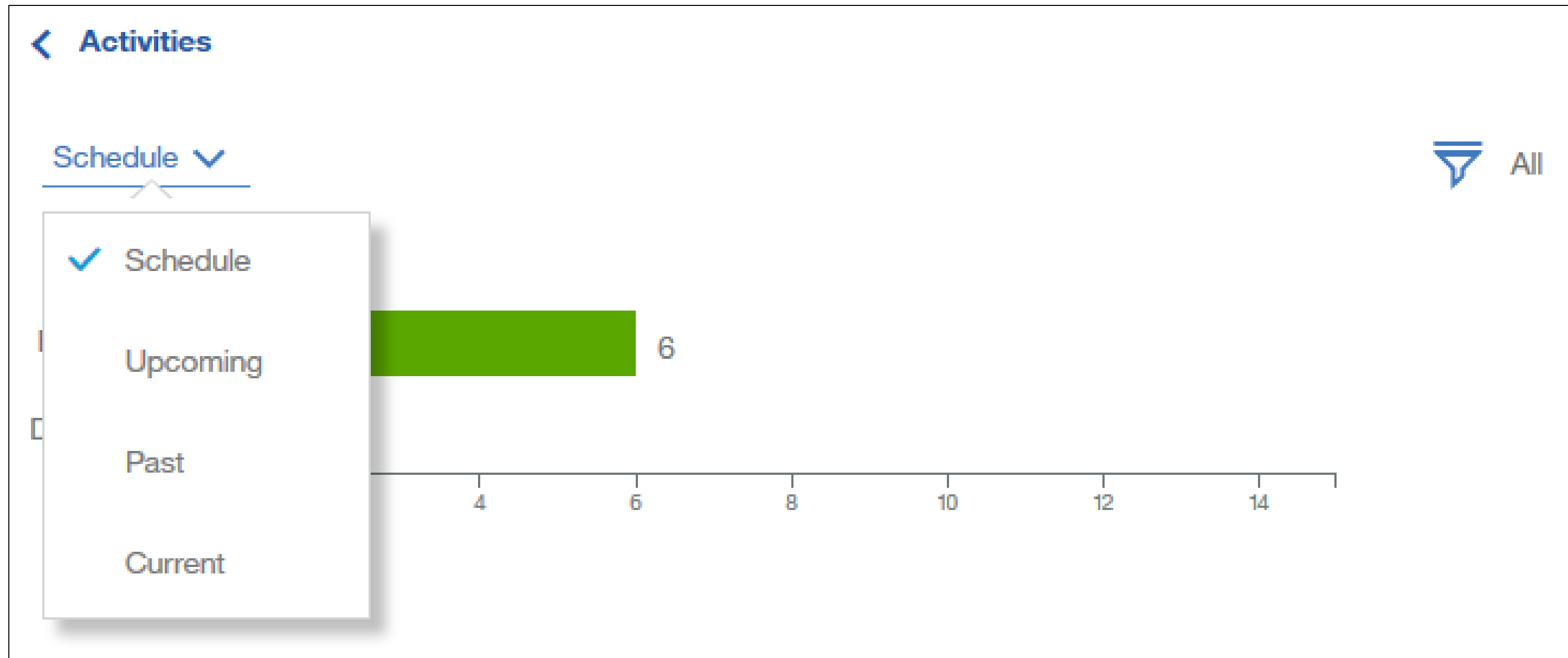
```
jdbc:db2://<hostname>:<port>/<databasename>
```

Example URL [v](#)

Connection properties: [?](#)

Activities

- Simple to manage schedules



- ▶ Run once
- ⚙ Properties
- 📅 Modify this schedule
- 📄 View versions
- 🚫 Disable this schedule
- ⊖ Remove this schedule
- ⚡ Set priority
- 🔑 Use my credentials

📄	2011 ... st_DQ	8/24/2018 8:51 PM	📅	Jeff Vaughan	Enabled	3
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System

- System Configuration Tasks
- No restarting the application

< System

File uploads **Security** Diagnostic logging

Location of directory for data files:
./data/datafiles/

Encrypt new data files? On

Size limit per upload of data:
100 MB

Size limit of stored data per user:
500 MB

OK Cancel

< System

File uploads **Security** Diagnostic logging

HTTP strict transport Off

Expiration period: 365 Days

OK Cancel

< System

File uploads Security **Diagnostic logging**

Size limit for server log file:
200 MB

Maximum number of backup server log files:
10

Enable user session logging On

Size limit for user session log file (per user):
25 MB

Maximum number of backup log files (per user session):
10

Automatically delete session log files after 48 hours
On

OK Cancel