



Focus Forward 2020

2020 Harris Govern
Training Conference

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How to use SSRS

Eric Martineau

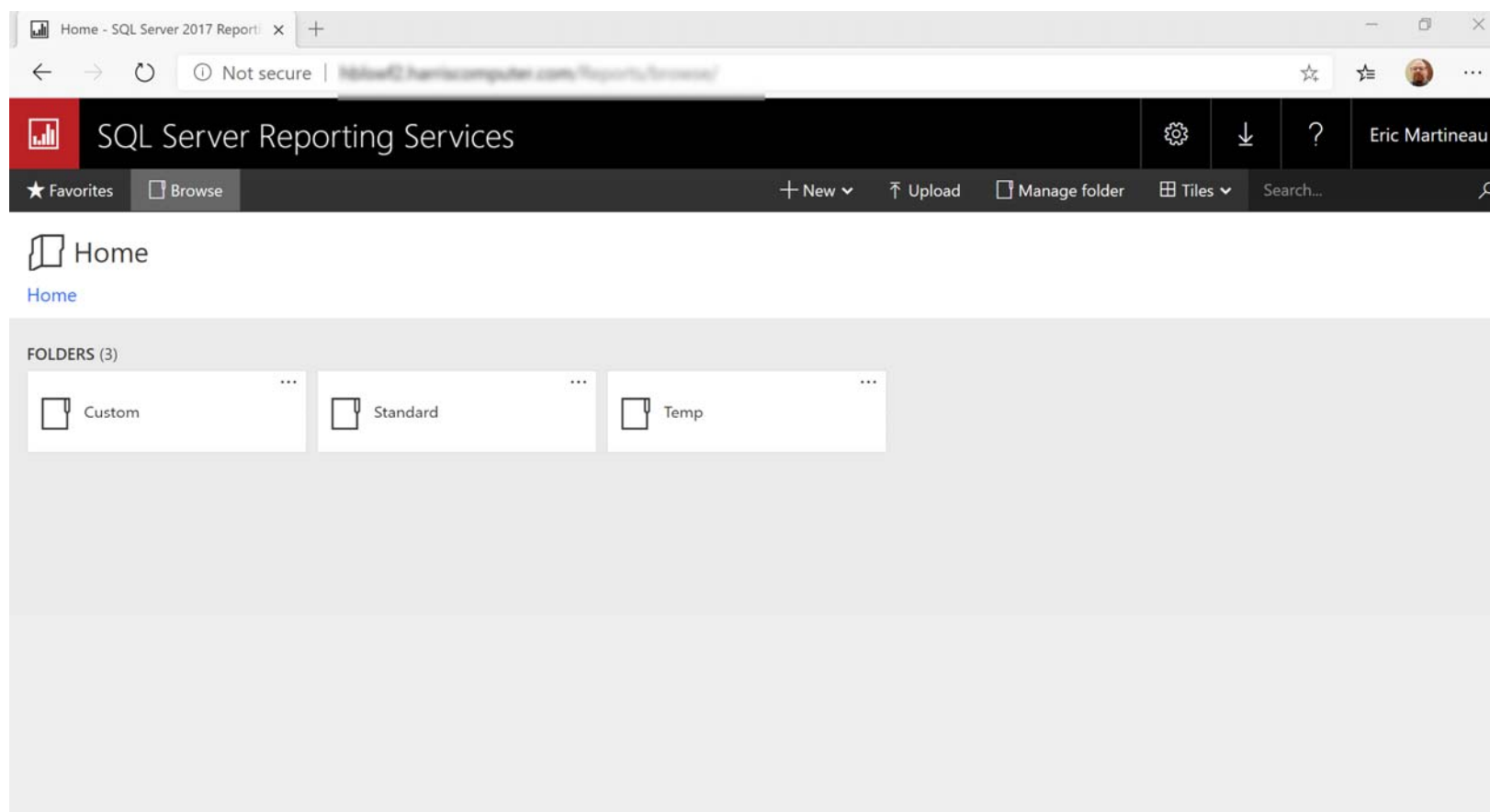
What is the SSRS?

- SQL Server Reporting Services (SSRS), is a server-based report generation software system from Microsoft™. SSRS is administered via a web interface, and is used to prepare and deliver interactive and printed reports.
- Govern OpenForms also support
 - Crystal Reports
 - Microsoft Word Template

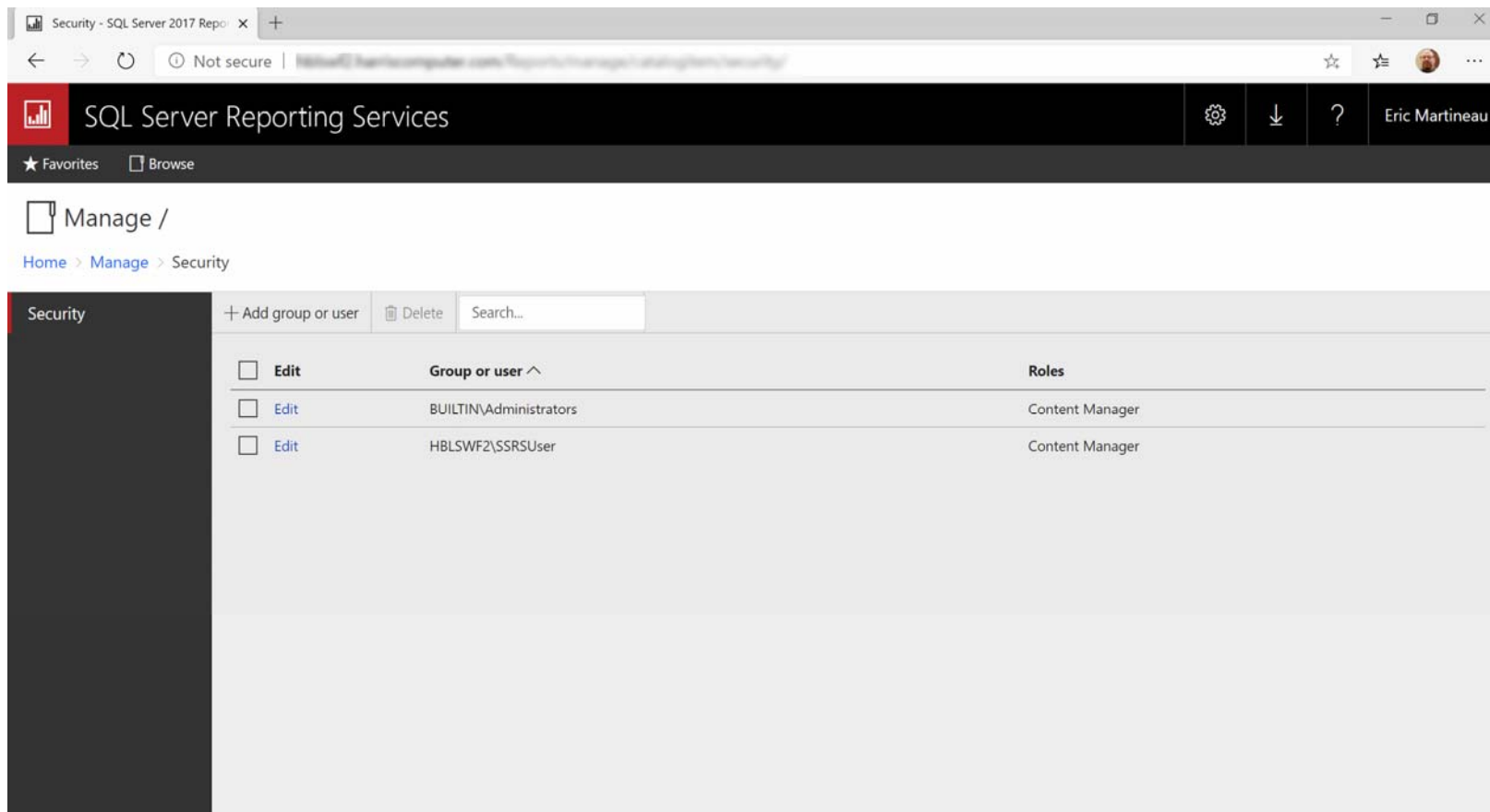
Pre-requisites

- Microsoft SQL Server Reporting Services
 - 2014 / 2016 / 2017 / 2019
- SQL Server Report Builder 3 for MSSQL 2014

Configuration – SSRS



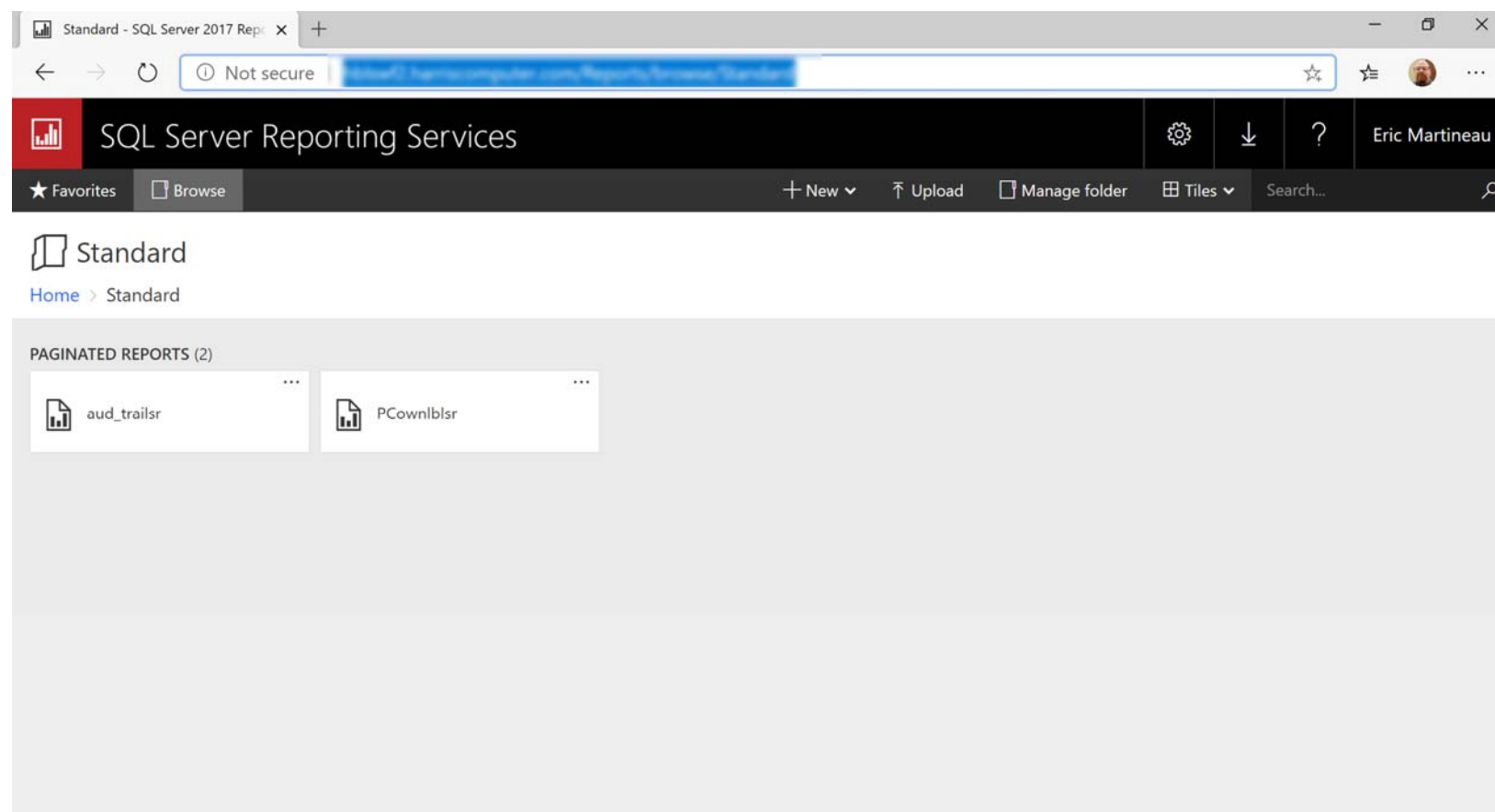
Configuration – SSRS



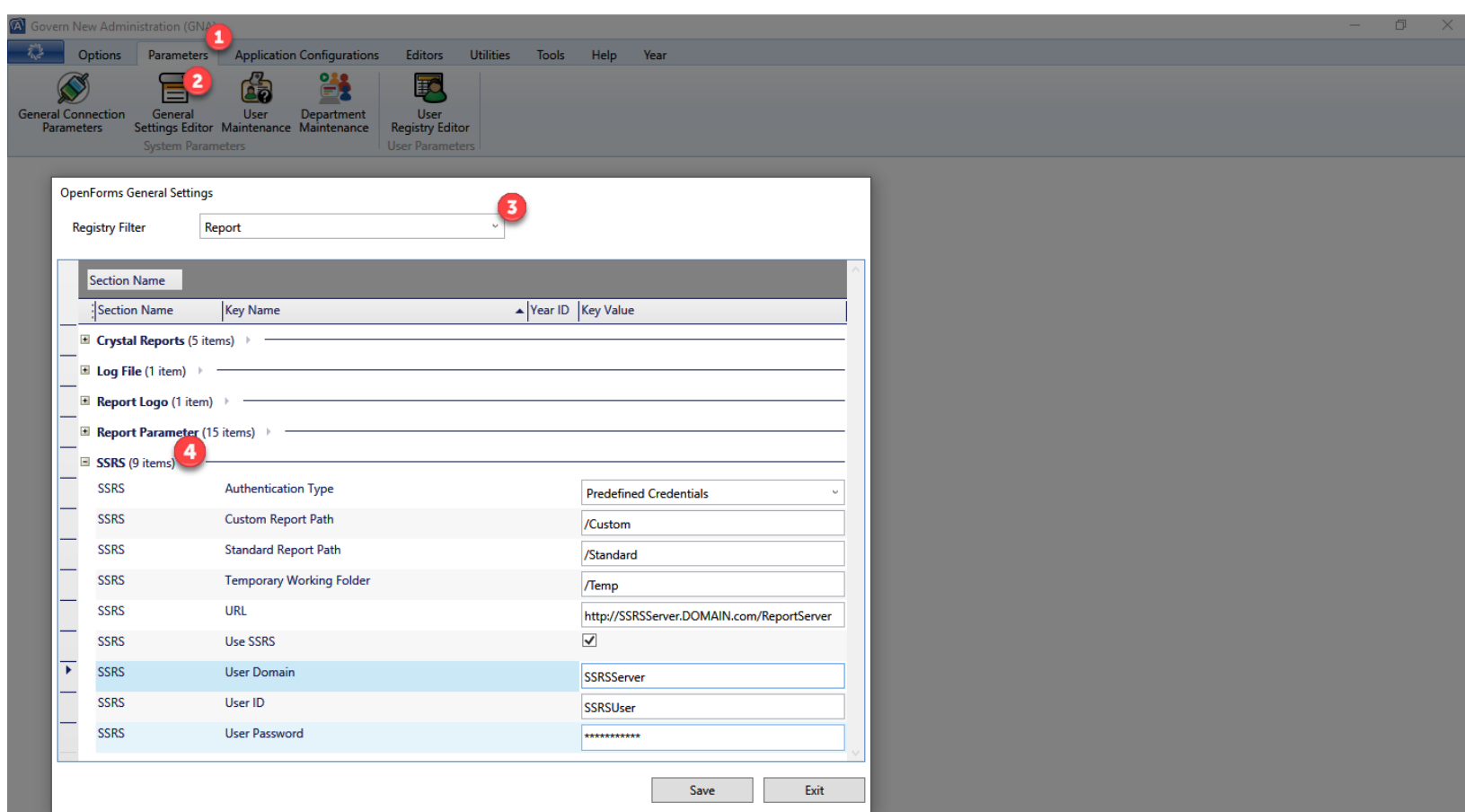
The screenshot shows the SQL Server Reporting Services (SSRS) Security configuration page in a web browser. The browser tab is titled "Security - SQL Server 2017 Repor" and the address bar shows the URL "http://localhost:8050/ReportServer/Security/". The page header includes the "SQL Server Reporting Services" title and a user profile for "Eric Martineau". The main content area is titled "Manage /" and shows the "Security" configuration page. The page includes a sidebar with "Security" selected, a top bar with "+ Add group or user", "Delete", and a search box. The main table lists the following groups and users:

<input type="checkbox"/> Edit	Group or user ^	Roles
<input type="checkbox"/> Edit	BUILTIN\Administrators	Content Manager
<input type="checkbox"/> Edit	HBLSWF2\SSRSUser	Content Manager

Configuration – SSRS



Configuration – GNA System Registry



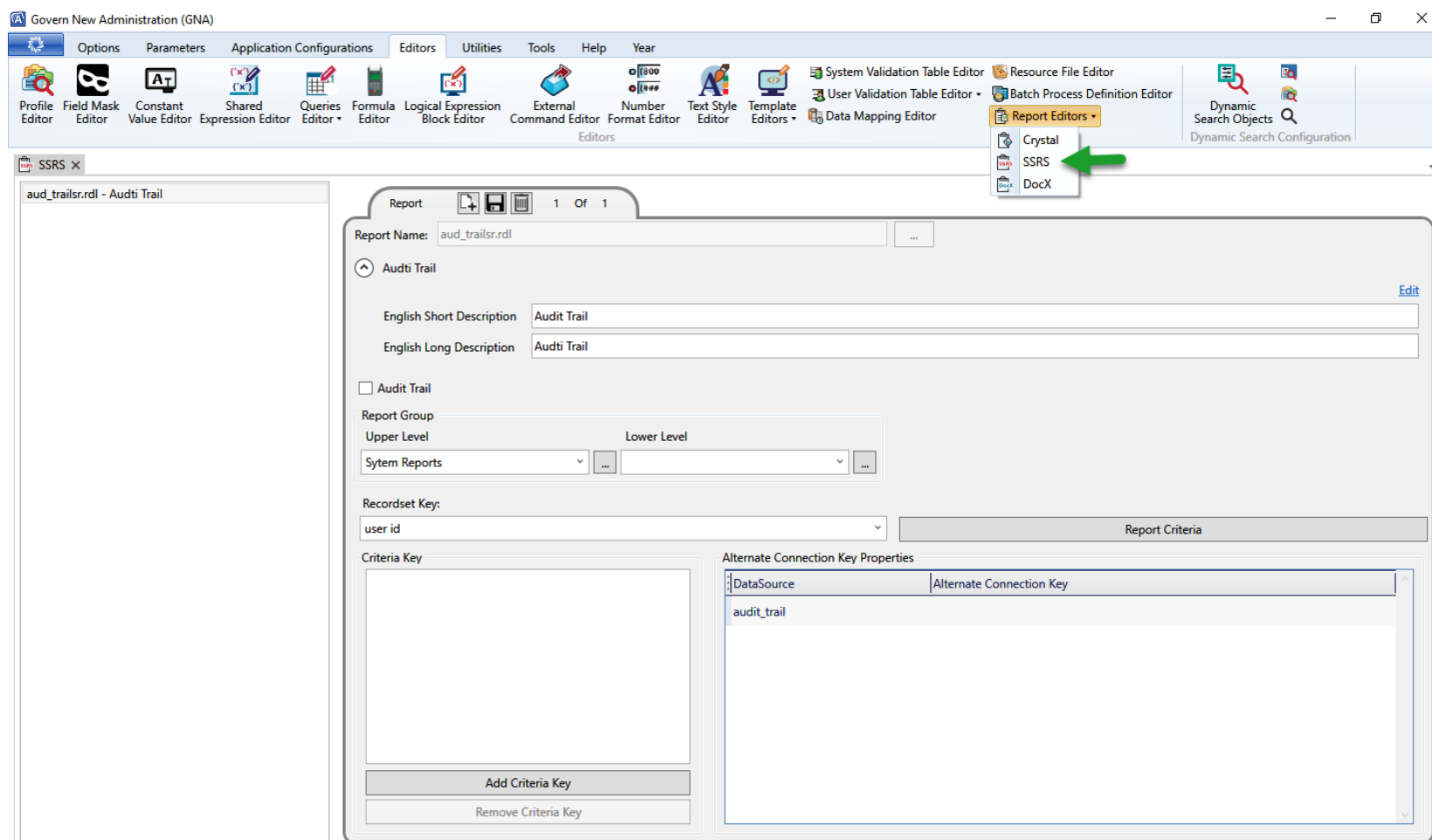
OpenForms General Settings

Registry Filter: Report

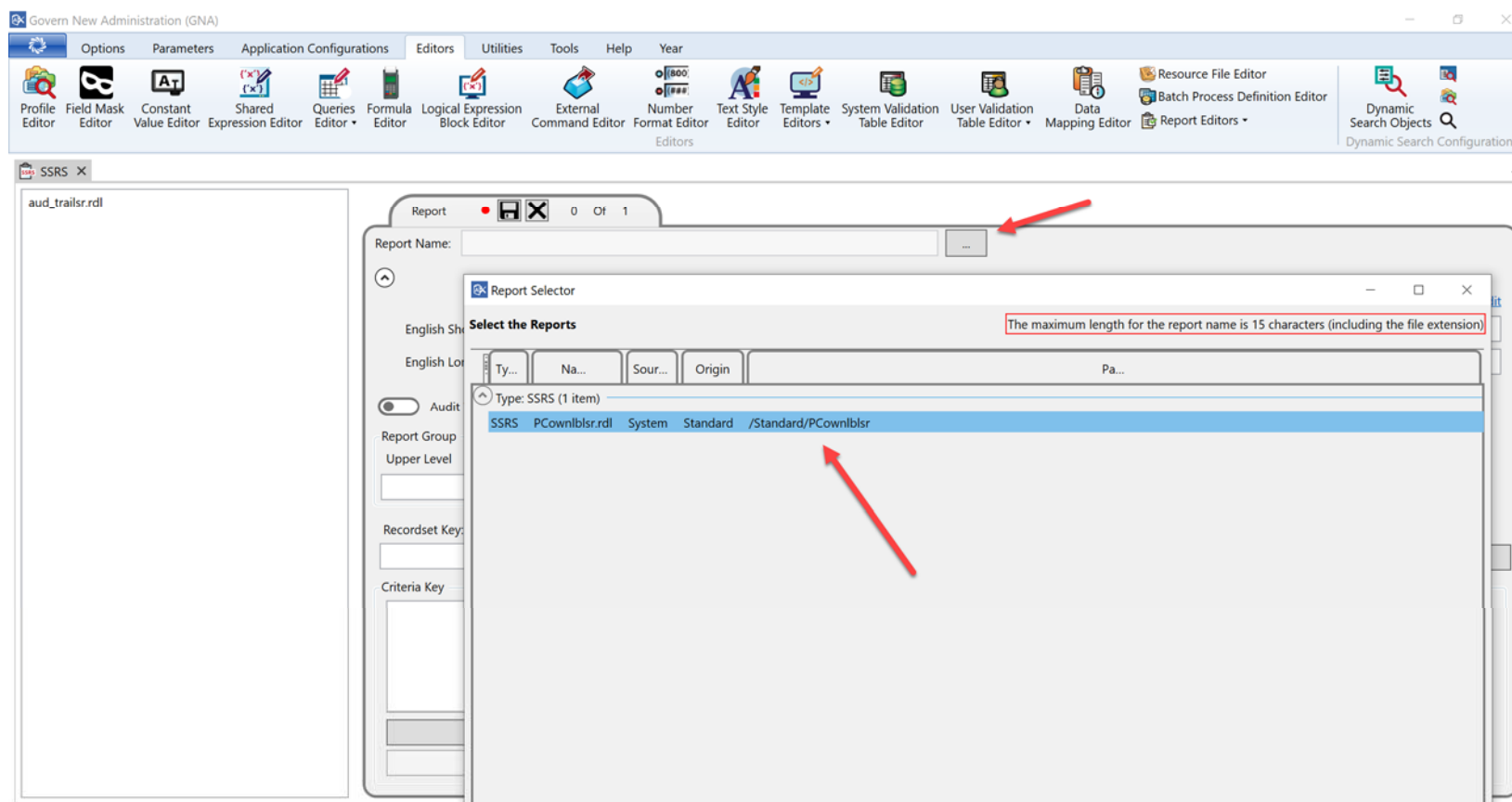
Section Name	Key Name	Year ID	Key Value
Crystal Reports (5 items)			
Log File (1 item)			
Report Logo (1 item)			
Report Parameter (15 items)			
SSRS (9 items)			
SSRS	Authentication Type		Predefined Credentials
SSRS	Custom Report Path		/Custom
SSRS	Standard Report Path		/Standard
SSRS	Temporary Working Folder		/Temp
SSRS	URL		http://SSRSServer.DOMAIN.com/ReportServer
SSRS	Use SSRS		<input checked="" type="checkbox"/>
SSRS	User Domain		SSRSServer
SSRS	User ID		SSRSUser
SSRS	User Password		*****

Save Exit

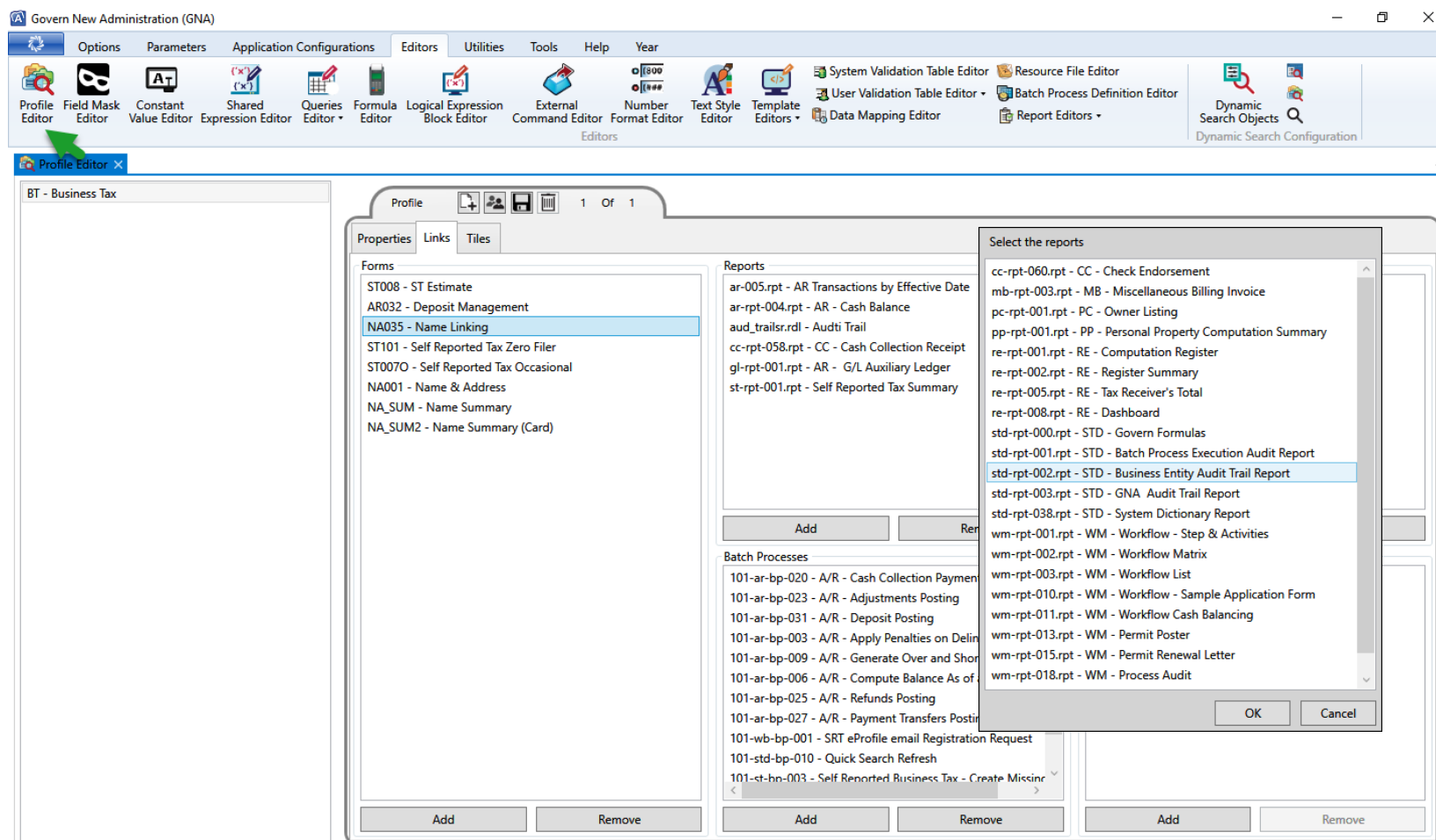
Configuration – GNA Report Editor



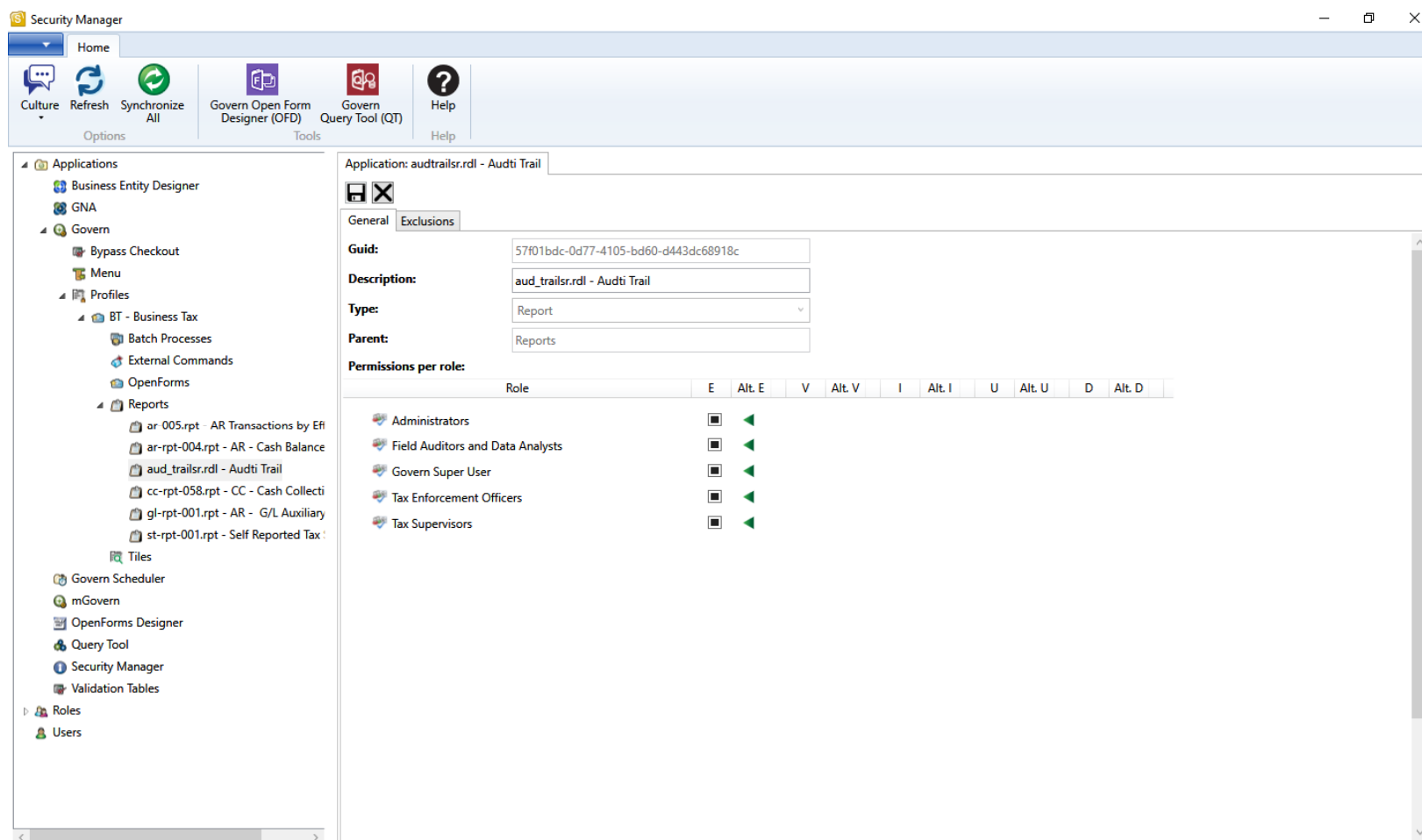
Configuration – GNA Report Editor



Configuration – GNA Profile Editor



Configuration – Security Manager



The screenshot shows the Security Manager application window. The left sidebar contains a tree view of applications and reports. The main pane displays the configuration for the 'audtrail.rdl - Audti Trail' application.

Application: audtrail.rdl - Audti Trail

General | Exclusions

Guid: 57f01bdc-0d77-4105-bd60-d443dc68918c

Description: aud_trail.rdl - Audti Trail

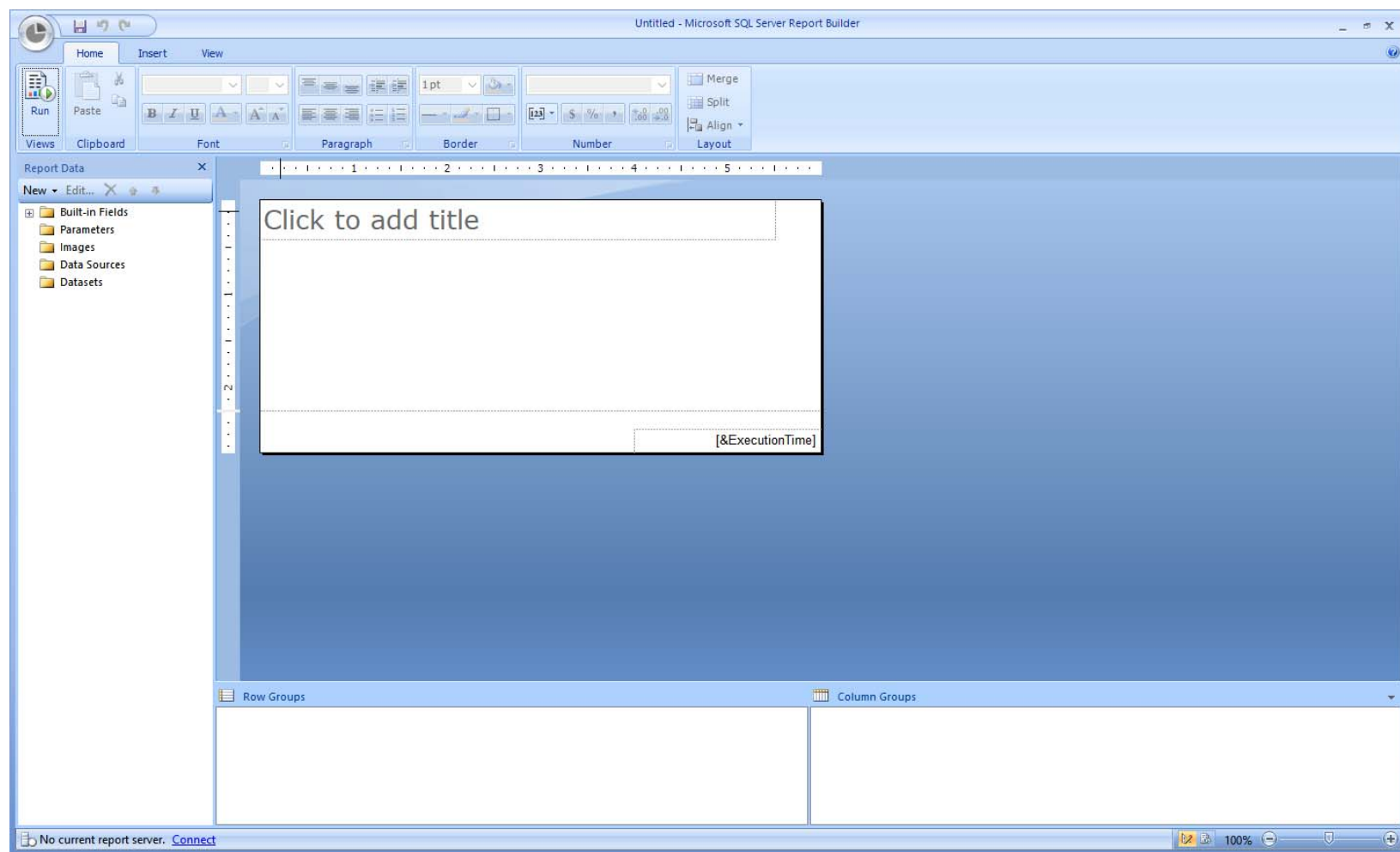
Type: Report

Parent: Reports

Permissions per role:

Role	E	Alt. E	V	Alt. V	I	Alt. I	U	Alt. U	D	Alt. D
Administrators	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
Field Auditors and Data Analysts	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
Govern Super User	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
Tax Enforcement Officers	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
Tax Supervisors	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								

Microsoft SQL Server Report Builder



Demo – Creating a Simple SSRS Report

References

- Microsoft: Reporting Services Tutorials (SSRS)
 - <https://docs.microsoft.com/en-us/sql/reporting-services/reporting-services-tutorials-ssrs?view=sql-server-2014>
- Harris Govern KB: SQL Server Reporting Services
 - <https://kb.harrisgovern.com/301-ssrs/>

Thank you