

Report Administration

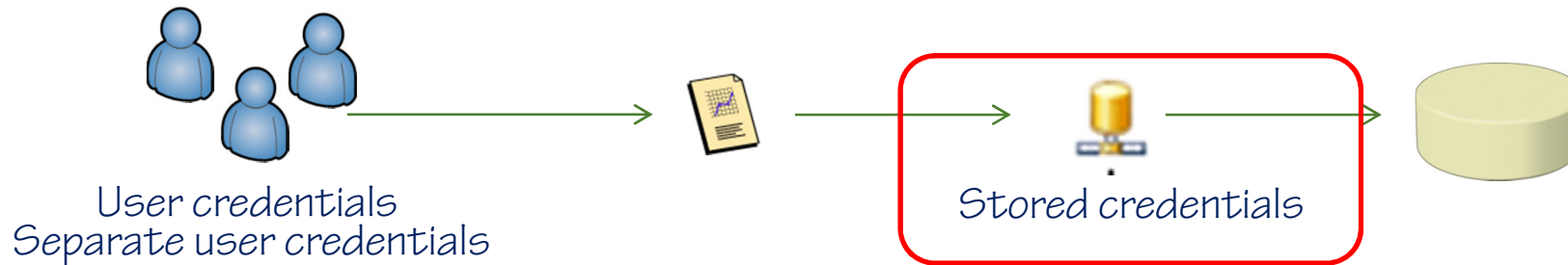
Managing content on the report server



Overview

- **Data Source Configuration**
- **Report Execution**
 - On Demand
 - Caching
 - Report Snapshots

Data Source Configuration



Connection with user credentials:

- Prompted
- Windows integrated security

Connection with common credentials:

- Stored credentials

Required for:

- Caching
- Snapshots
- Subscriptions

Home > Data Sources

SQL Server Reporting Services
AdventureWorksDW2008R2

Properties

Subscriptions

Dependent Items

Security

Name: AdventureWorksDW2008R2

Description:

☐ Hide in tile view

☒ Enable this data source

Data source type: Microsoft SQL Server

Connection string: Data Source=.;Initial Catalog=AdventureWorksDW2008R2

Connect using:

☐ Credentials supplied by the user running the report

Display the following text to prompt user for a user name and password:
Type or enter a user name and password to access the data source

☐ Use as Windows credentials when connecting to the data source

☒ Credentials stored securely in the report server

User name: domain\username

Password:

☒ Use as Windows credentials when connecting to the data source

☐ Impersonate the authenticated user after a connection has been made to the data source

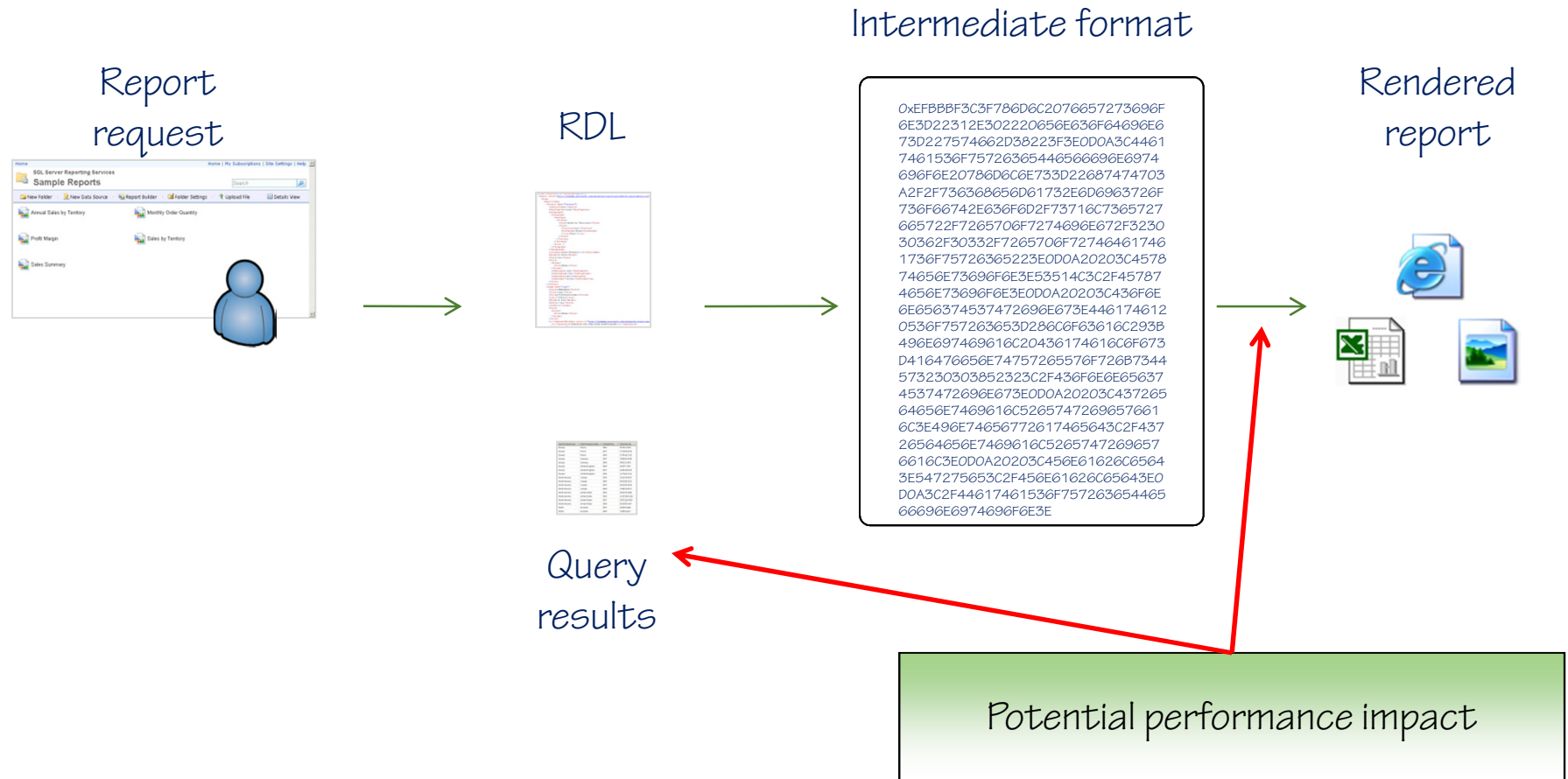
☐ Windows integrated security

☐ Credentials are not required

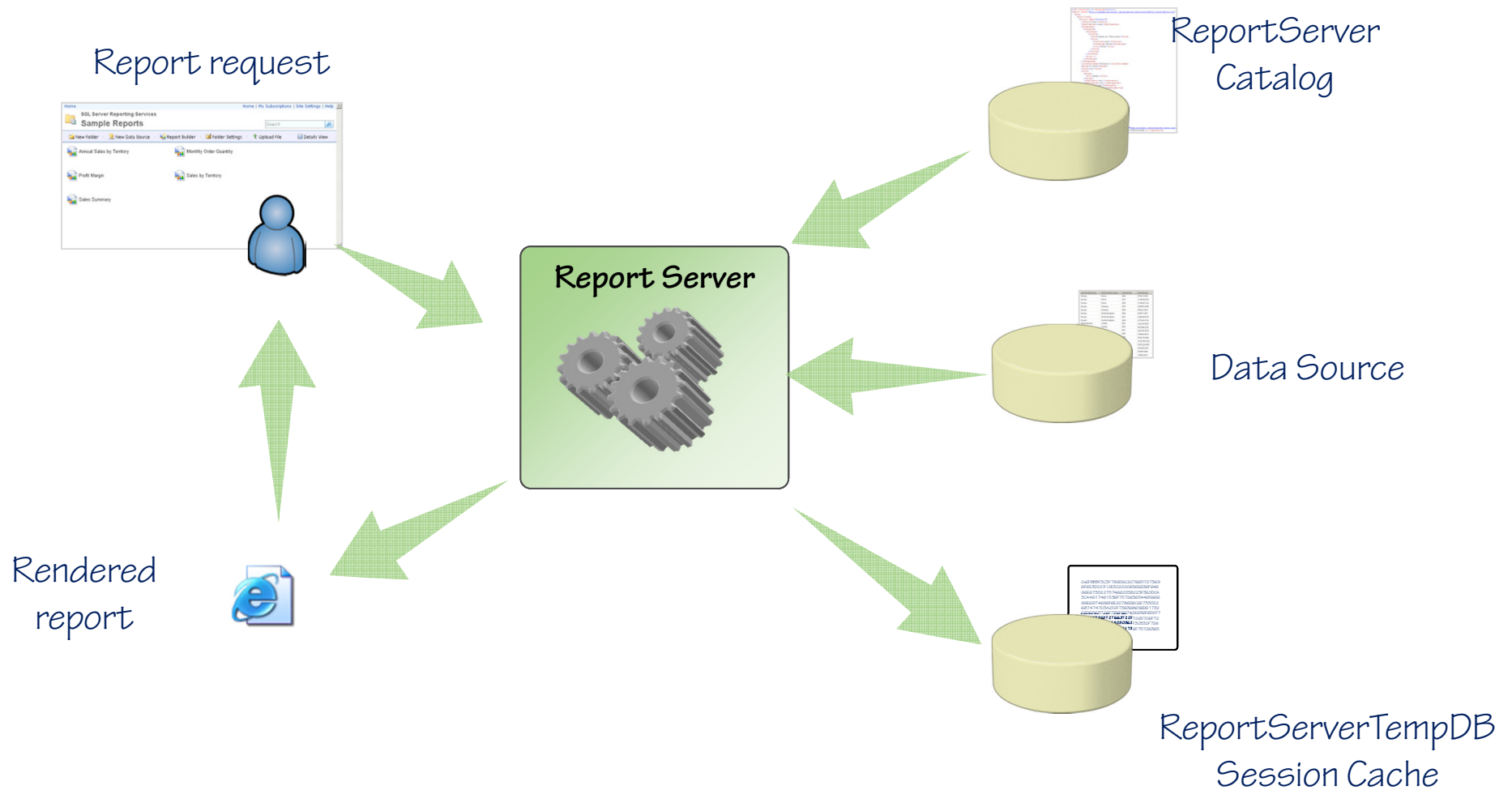
Test Connection

Apply

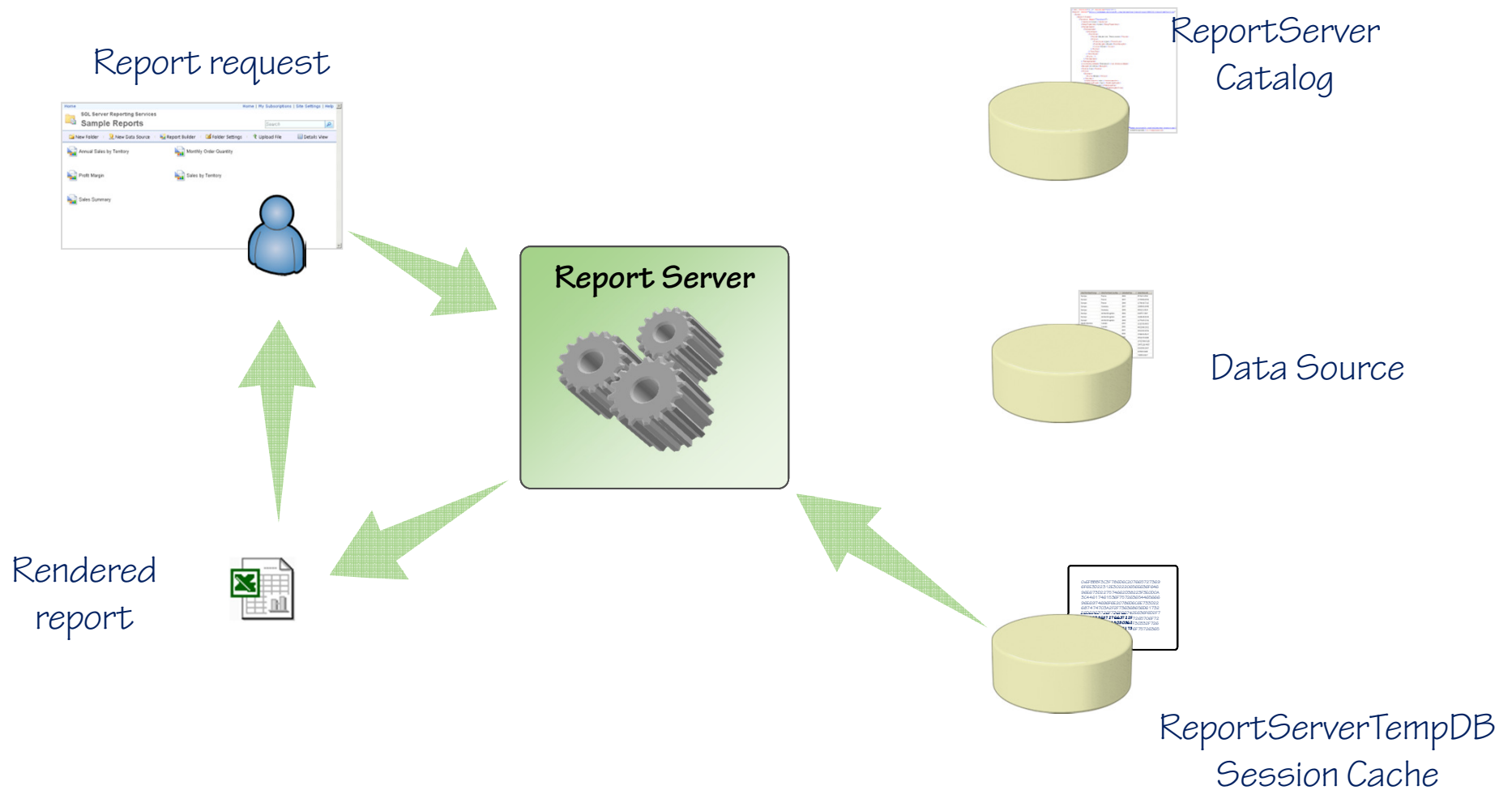
Report Execution



On Demand Execution



On Demand Execution



On Demand Processing Options

Properties

Data Sources

Subscriptions

Processing Options

Cache Refresh Options

Report History

Snapshot Options

Security

☒ Always run this report with the most recent data

☒ Do not cache temporary copies of this report

☐ Cache a temporary copy of the report. Expire copy of report after a number of minutes:

☐ Cache a temporary copy of the report. Expire copy of report on the following schedule:

☒ Report-specific schedule [Configure](#)

At 8:00 AM every Mon of every week, starting 1/23/2011

☐ Shared schedule [Select a shared schedule](#)

☐ Render this report from a report snapshot

☐ Use the following schedule to create report snapshots:

☒ Report-specific schedule [Configure](#)

At 8:00 AM every Mon of every week, starting 1/23/2011

☐ Shared schedule [Select a shared schedule](#)

☐ Create a report snapshot when you click the Apply button on this page

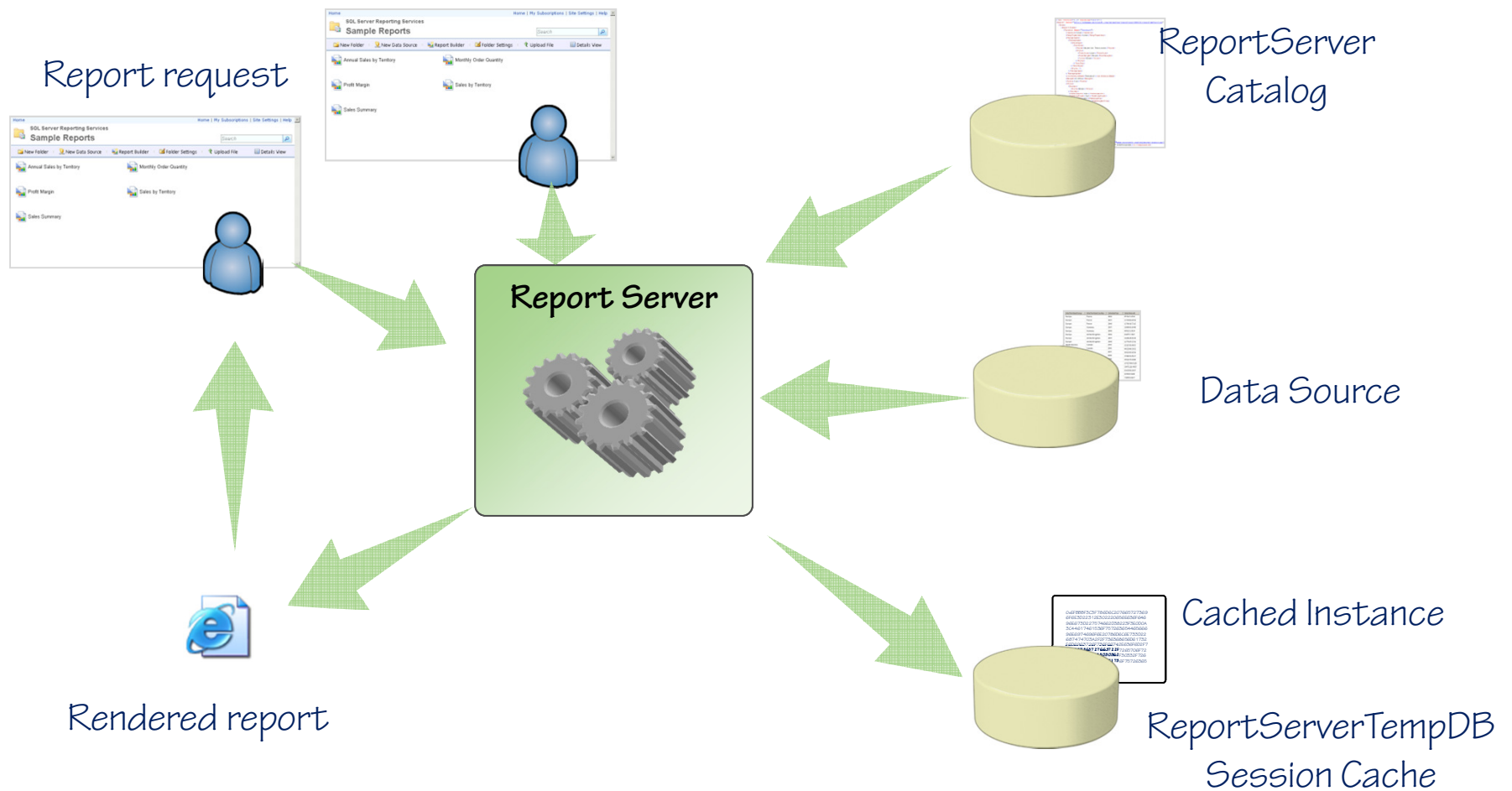
Report Timeout

☒ Use the system default setting

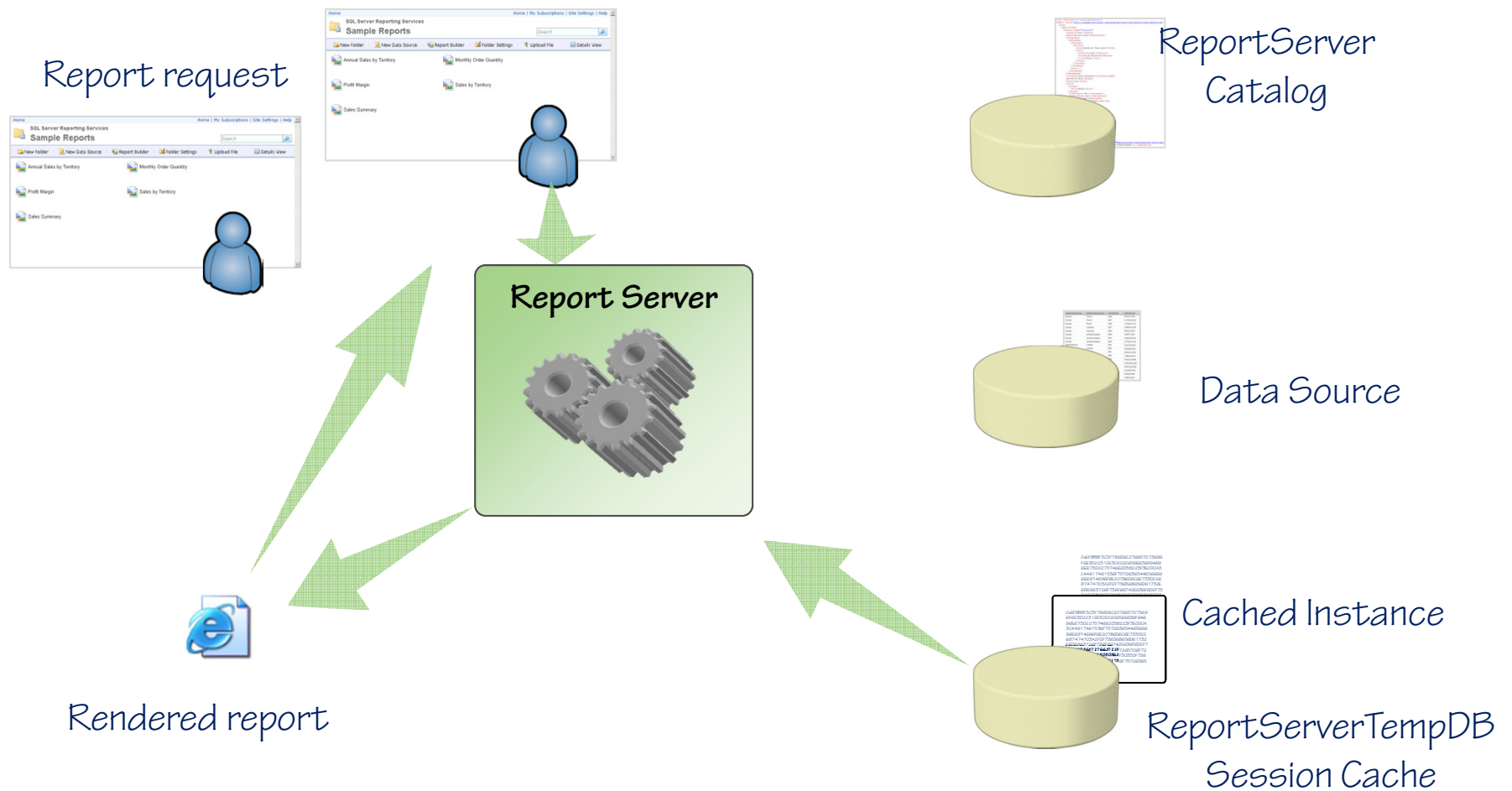
☐ Do not timeout report

☐ Limit report processing to the following number of seconds:

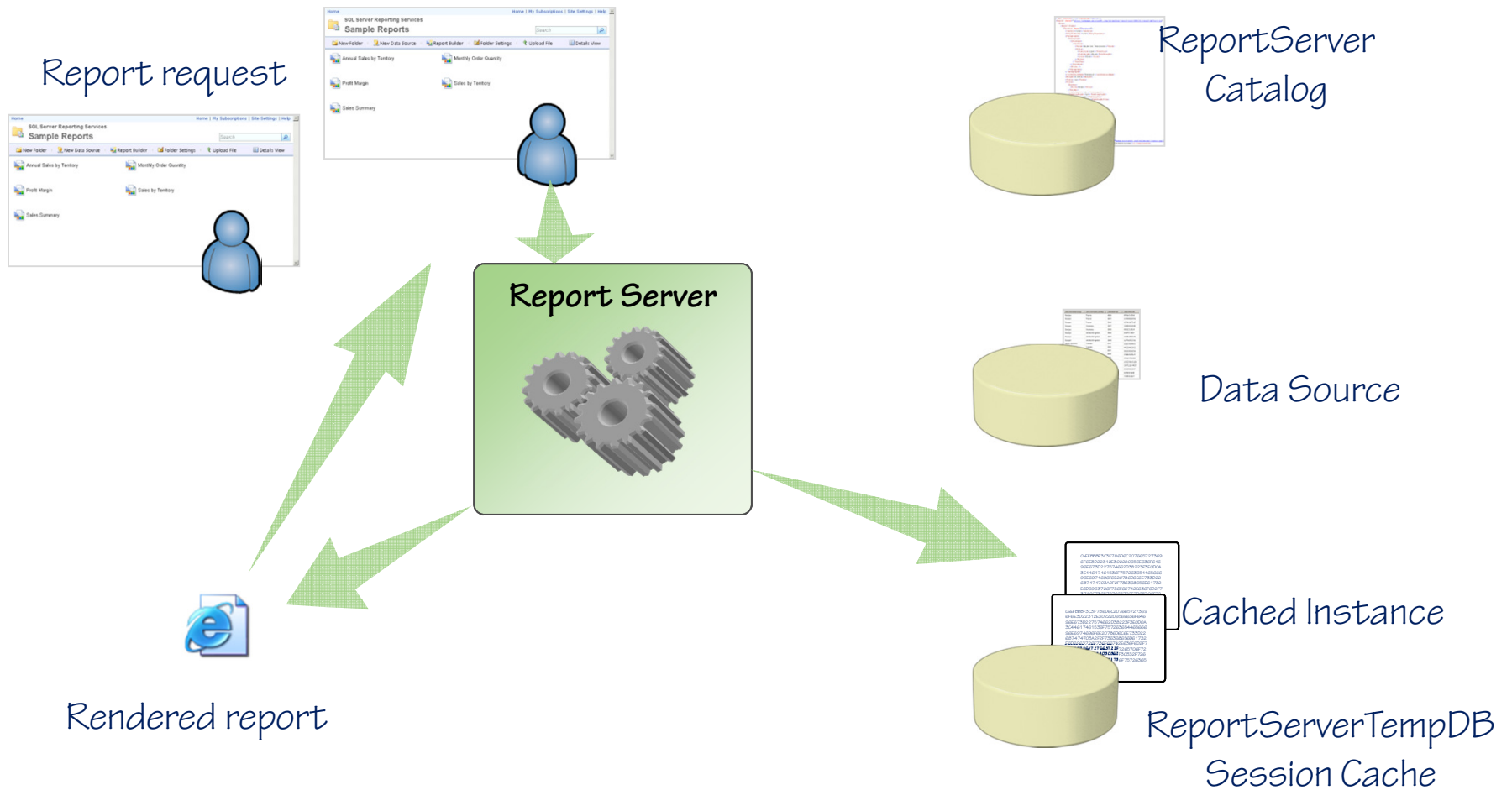
Cached Execution



Cached Execution



Cached Execution



Cache Processing Options

Properties

Data Sources

Subscriptions

Processing Options

Cache Refresh Options

Report History

Snapshot Options

Security

☒ Always run this report with the most recent data

☐ Do not cache temporary copies of this report

☐ Cache a temporary copy of the report. Expire copy of report after a number of minutes:

☒ Cache a temporary copy of the report. Expire copy of report on the following schedule:

☒ Report-specific schedule
At 2:00 AM every Mon, Tue, Wed, Thu, Fri of every week, starting 1/24/2011

☐ Shared schedule
At 2:00 AM every Mon of every week, starting 1/23/2011

☐ Render this report from a report snapshot

☐ Use the following schedule to create report snapshots:

☒ Report-specific schedule
At 8:00 AM every Mon of every week, starting 1/24/2011

☐ Shared schedule
At 2:00 AM every Mon of every week, starting 1/23/2011

☐ Create a report snapshot when you click the Apply button on this page

Report Timeout

☒ Use the system default setting

☐ Do not timeout report

☐ Limit report processing to the following number of seconds:

Requires
SQL Server Agent



Shared Schedules

Home | My Subscriptions | **Site Settings** | Help

SQL Server Reporting Services
Site Settings

Search

☐ Delete | ☐ Pause | ☐ Resume | **New Schedule**

<input type="checkbox"/> Name	Schedule	Creator	Last Run	Next Run	Status
<input type="checkbox"/> Weekly Reports	At 2:00 AM every Mon of every week, starting 1/23/2011		1/24/2011 2:00 AM	1/31/2011 2:00 AM	

General
Security
Schedules

Home
SQL Server Reporting Services
Scheduling

Use this page to create or modify a schedule.

Schedule name:

Schedule details
Define a schedule that runs on an hourly, daily, weekly, monthly, or one time basis.
All times are expressed in (GMT -08:00) Pacific Standard Time.

☐ Hour
☐ Day
☒ **Week**
☐ Month
☐ Once

Weekly Schedule
Repeat after this number of weeks:
On day(s): ☐ Sun ☒ Mon ☐ Tue ☐ Wed ☐ Thu ☐ Fri ☐ Sat
Start time: : ☒ A.M. ☐ P.M.

Start and end dates
Specify the date to start and optionally end this schedule.
Begin running this schedule on:
☐ Stop this schedule on:

OK Cancel

Hourly Schedule
Run the schedule every:
 hours minutes
Start time: : ☒ A.M. ☐ P.M.

Daily Schedule
☒ On the following days:
☒ Sun ☒ Mon ☒ Tue ☒ Wed ☒ Thu ☒ Fri ☒ Sat
☐ Every weekday
☐ Repeat after this number of days:
Start time: : ☒ A.M. ☐ P.M.

Monthly Schedule
Months: ☒ Jan ☒ Apr ☒ Jul ☒ Oct
☒ Feb ☒ May ☒ Aug ☒ Nov
☒ Mar ☒ Jun ☒ Sep ☒ Dec
☒ On week of month:
On day of week: ☐ Sun ☒ Mon ☐ Tue ☐ Wed ☐ Thu ☐ Fri ☐ Sat
☐ On calendar day(s):
Start time: : ☒ A.M. ☐ P.M.

One-time Schedule
Schedule runs only once.
Start time: : ☒ A.M. ☐ P.M.

Cache Refresh

Unparameterized report

SQL Server Reporting Services
Cache Refresh Plan: Sales by Territory

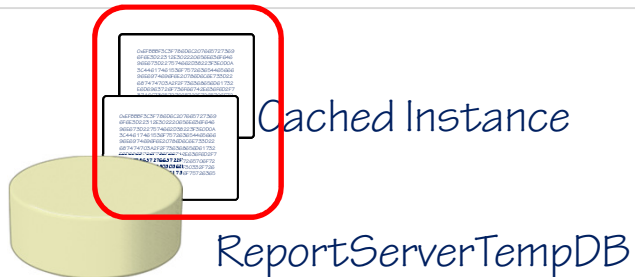
Description
Weekday Refresh

Refresh the cache according to the following schedule:

☒ Item-specific schedule **Configure**
At 8:00 AM every Mon, Tue, Wed, Thu, Fri of every week, starting 1/23/2011

☐ Shared schedule **Weekly Reports**
At 2:00 AM every Mon of every week, starting 1/23/2011

OK Cancel



Parameterized report

SQL Server Reporting Services
Cache Refresh Plan: Annual Sales by Territory

Description
Nightly Refresh

Refresh the cache according to the following schedule:

☒ Item-specific schedule **Configure**
At 12:00 AM every Sun, Mon, Tue, Wed, Thu, Fri, Sat of every week, starting 1/24/2011

☐ Shared schedule **Weekly Reports**
At 2:00 AM every Mon of every week, starting 1/23/2011

Specify parameter values to use for this cache entry:

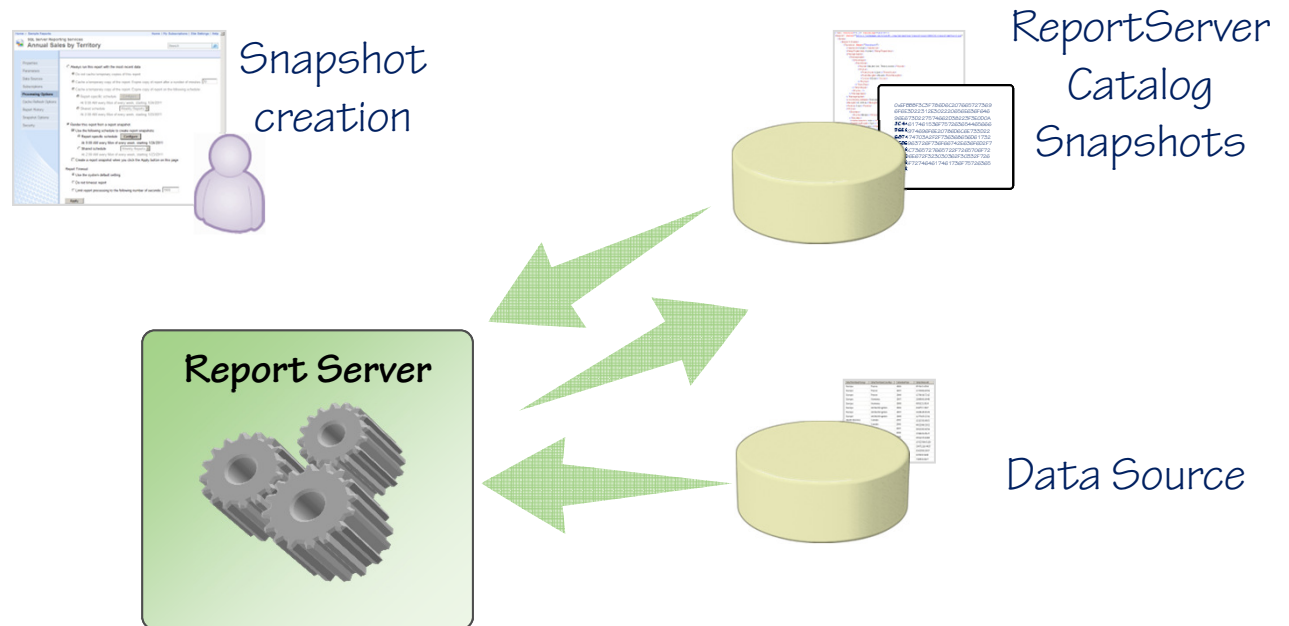
Business Type
Value Added Reseller ☐ Use Default

Sales Territory Group
Europe, NA, North Ame ☒ Use Default

SalesTerritoryCountry
Australia, Canada, Fran ☒ Use Default

Year
2005, 2006, 2007, 2008 ☒ Use Default

Snapshots Creation



Snapshot Processing Options

Snapshot schedule

Properties

Data Sources

Subscriptions

Processing Options

Cache Refresh Options

Report History

Snapshot Options

Security

☐ Always run this report with the most recent data

☐ Do not cache temporary copies of this report

☐ Cache a temporary copy of the report. Expire copy of report after a number of minutes:

☐ Cache a temporary copy of the report. Expire copy of report on the following schedule:

☐ Report-specific schedule [Configure](#)

At 8:00 AM every Mon of every week, starting 1/24/2011

☐ Shared schedule [Weekly Reports](#)

At 2:00 AM every Mon of every week, starting 1/23/2011

☒ Render this report from a report snapshot

☒ Use the following schedule to create report snapshots:

☐ Report-specific schedule [Configure](#)

At 8:00 AM every Mon of every week, starting 1/24/2011

☐ Shared schedule [Weekly Reports](#)

At 2:00 AM every Mon of every week, starting 1/23/2011

☒ Create a report snapshot when you click the Apply button on this page

Report Timeout

☐ Use the system default setting

☐ Do not timeout report

☐ Limit report processing to the following number of seconds:

Requires
SQL Server Agent

Snapshot storage

Properties

Data Sources

Subscriptions

Processing Options

Cache Refresh Options

Report History

Snapshot Options

Security

☒ Allow report history to be created manually

☒ Store all report snapshots in history

☒ Use the following schedule to add snapshots to report history:

☐ Report-specific schedule [Configure](#)

At 8:00 AM every Mon of every week, starting 1/24/2011

☐ Shared schedule [Weekly Reports](#)

At 2:00 AM every Mon of every week, starting 1/23/2011

Select the number of snapshots to keep:

☒ Use default setting

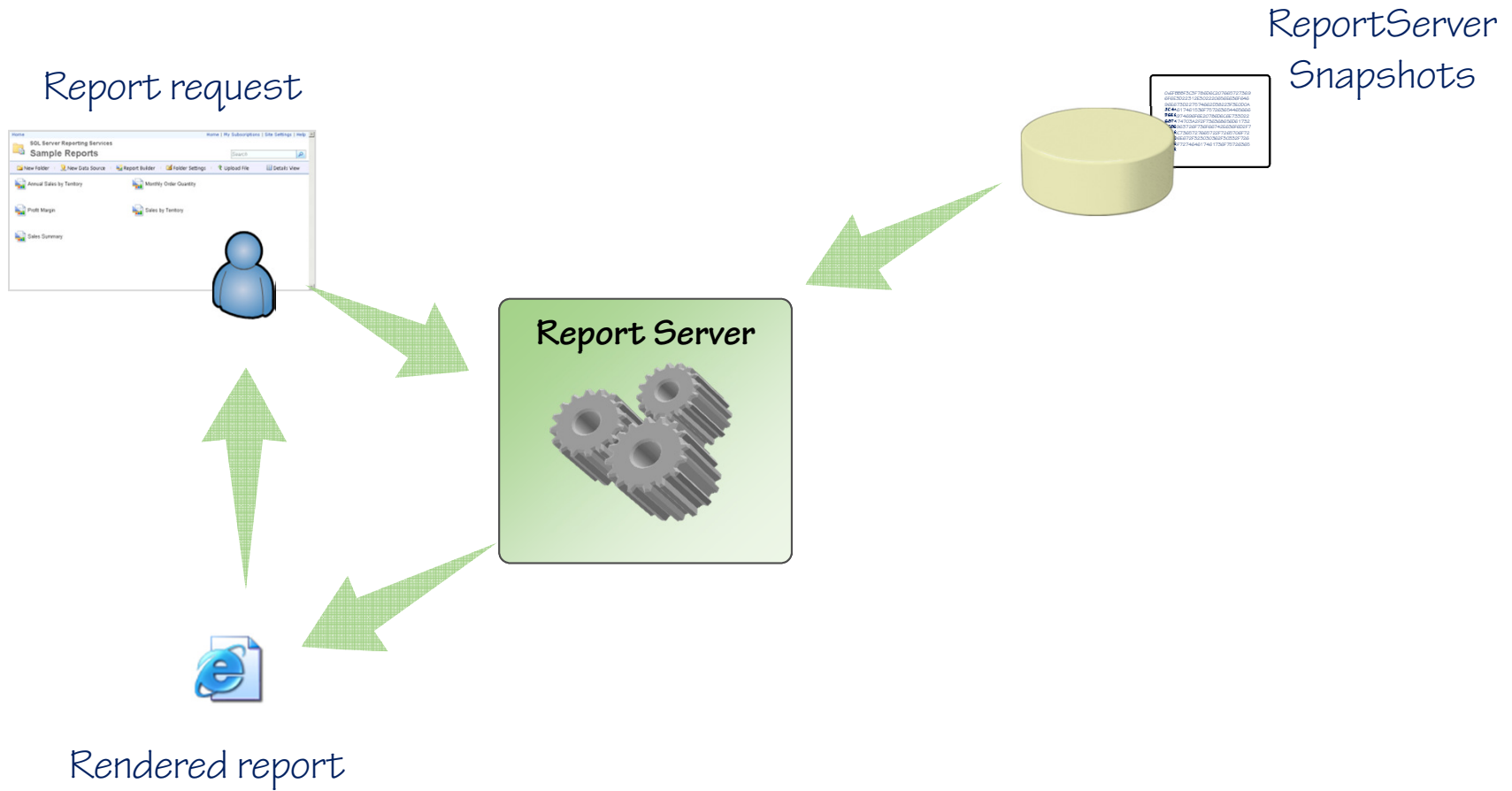
☐ Keep an unlimited number of snapshots in report history

☐ Limit the copies of report history:

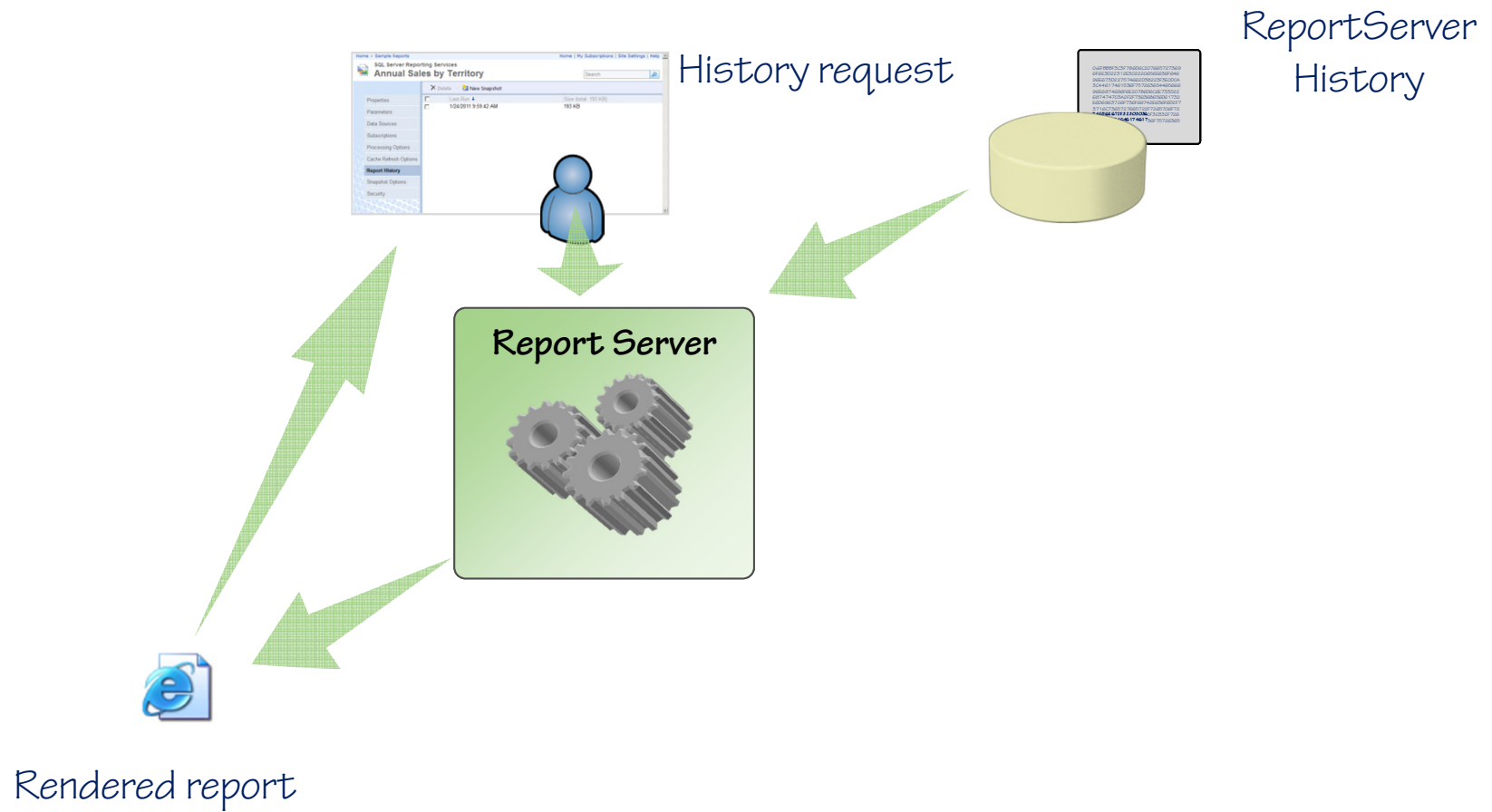


ReportServer
Snapshots
History

Snapshots Execution



Snapshots Execution



Summary

- **Data Source Configuration**
 - Stored credentials
- **Report Execution**
 - On Demand
 - Intermediate format, unique session cache in ReportServerTempDB
 - Caching
 - Cached instance in ReportServerTempDB, parameter combinations
 - Expiration schedule, cache refresh schedule
 - Report Snapshots
 - Intermediate format in ReportServer database, one at a time
 - Report history, limited versus unlimited accumulation

References

- **Specifying Credential and Connection Information for Report Data Sources**
 - <http://msdn.microsoft.com/en-us/library/ms160330.aspx>
- **Setting Report Processing Properties**
 - <http://msdn.microsoft.com/en-us/library/ms159241.aspx>
- **Report and Snapshot Size Limits**
 - <http://msdn.microsoft.com/en-us/library/ms156002.aspx>
- **Processing Large Reports**
 - <http://msdn.microsoft.com/en-us/library/ms159638.aspx>