

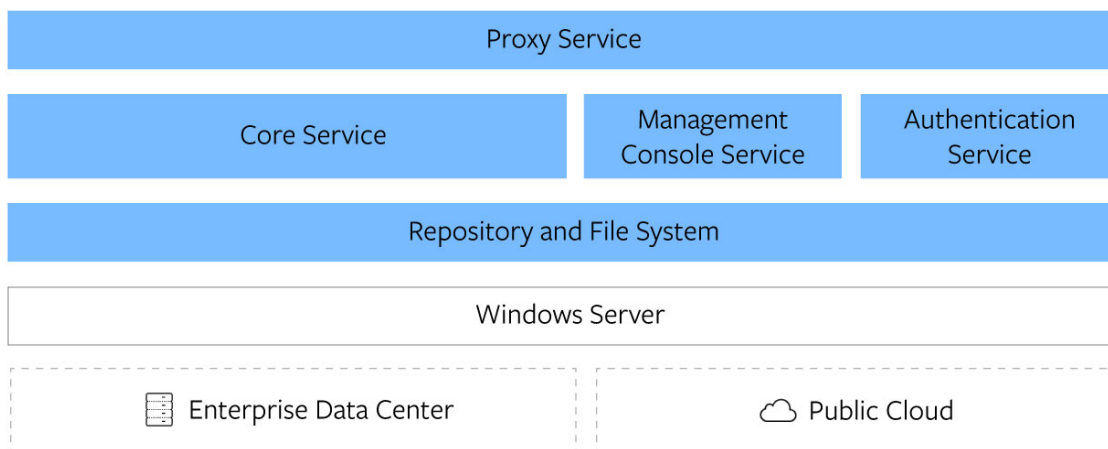
ARCHITECTURE & INSTALLATION

Platform Overview

ConnectReport Server is an entirely web-based platform that enables users to securely report on data contained in external sources. ConnectReport provides administrators with data connectors and administrative tools to configure connections to data sources and provide end-users with straightforward yet rich self-service analytical reporting capabilities.

ConnectReport Server comprises five web services used to provide its capabilities:

- **Core Service:** Provides ConnectReport web application to clients and manages task scheduling
- **Management Console:** Provides the Management Console web application to clients as well as administrative APIs
- **Proxy Service:** Proxies requests from clients to applicable services
- **Authentication Service:** Provides authentication endpoints and manages sessions
- **Repository:** Provides the repository database cluster



ConnectReport Windows Installer

ConnectReport setup via a straightforward Windows installer and takes approximately 20 minutes to complete. Ask us about ConnectReport Server deployments on Linux.

ADMINISTRATION

ConnectReport Management Console

The ConnectReport Management Console provides a flexible model for server administrators to enable an organization to meet business needs through the ConnectReport platform. The Management Console provides administrators with the governance, audit, and configuration capabilities necessary to deliver ConnectReport's capabilities at scale.

Access Control

- ConnectReport Server uses a role-based access control model and comes with four major built-in roles (Server Administrator, Content Administrator, Author and Viewer)
- Server administrators have the ability to modify and define custom roles
- Server administrators control content sharing permissions by defining and configuring user groups.
- Server administrators configure role-based access control, create custom roles, configure user groups, and set other governance controls and user permissions through the Management Console.

Content Administration

- Content administrators can view and monitor all report processing tasks through the Management Console.
- Key indicators such as the processing time for a report, who a report is shared with, and other critical data points for enterprise reporting contexts can be controlled and audited in one centralized place by content administrators.
- ConnectReport Server can also be configured to require an approval process for reports published by certain users - in this model, all reports scheduled for publication must first be approved by a content administrator.

Security

- ConnectReport encrypts traffic using TLS/SSL by default
- Server administrators can configure ConnectReport Server to use TLS certificates acquired from a trusted CA or issued by their organization
- Server administrators can use a number of authentication strategies available in ConnectReport, including SAML and Active Directory.
- ConnectReport implements security best practices and adheres to industry standards such as those of the OWASP Foundation. The ConnectReport Server administration guide documents best practices for configuring user authentication, connecting to data sources, and role-based access control.

Qlik Sense Integration

- Connecting to Qlik Sense is a straightforward one-time configuration process completed by a server administrator in the ConnectReport Management console.
- When accessing content from Qlik Sense Enterprise from within the ConnectReport Live Editor, all user security model and section access rules from Qlik Sense are inherited. Report authors can only access the content that they have access to in native Qlik Sense.
- When rendering scheduled reports that use data or content from Qlik Sense, ConnectReport retrieves the applicable Qlik Sense content as the original user who created the report using the inherited security model
- In order to author reports using content from Qlik Sense, all author users must also be provisioned Qlik Sense users

REPORT DESIGN

ConnectReport Live Editor

- In true WYSIWYG style, the ConnectReport Live Editor provides a live preview of the final rendered report as you work. No more constantly “previewing” a report as you attempt to build it
- Self service model allows business users to DIY. Saving time for admins, developers, and analysts to focus on advanced activities
- 100% Web application. Leverages the latest developments in browser supported technology. And does not require Excel or other third-party software in order to create Microsoft file formats.
- Hybrid report editor that combines a free-form canvas with “banded tables” to provide users with a simple intuitive experience but with powerful capabilities and ultimate flexibility
- Built on already-familiar concepts.
- Live Editor uses “report bands” under the hood which can be exposed to allow advanced users to create complex layouts or, for example, include visualizations in a table

REPORT DISTRIBUTION

ConnectReport Portal

- Users can access report templates and published reports from the ConnectReport Portal
- By default, all reports are delivered to the centrally governed and administrated portal
- End-users with permissions can quickly export reports from the portal or editor into their desired format

- ConnectReport supports SMTP configuration for email distribution
- Ask us about other forms of report distribution such as file shares
- Planned support is coming for a Qlik Sense extension that enables end-users to subscribe to a sheet from within Qlik Sense, known as the ConnectReport Subscribe extension