

Local Authentication in Rosetta

- **Product:** Rosetta
- **Product Version:** 5.1 and above

Overview

This article briefly summarizes information about **local** authentication in Rosetta.

New customers are encouraged to use **local** authentication, or a **SAML** authentication profile.

Customers already using **PDS** authentication, can remain with this configuration, but note that Ex Libris plan is to deprecate **PDS** in the longer term.

What is Local authentication

Local authentication was implemented in **Rosetta version 5.1** as an alternative authentication method to the **PDS** authentication.

Users can either be *authenticated locally by Rosetta, or can be authenticated by an external system using SAML* (Security Assertion Markup Language) 2.0, an XML-based, open-standard data format for exchanging authentication and authorization data between parties.

SAML authentication can be used for staff users, but also for end users authentication (delivery).

How to set up Local authentication in Rosetta

1. Go to Administration > General > General Parameters (Module = authentication)
2. Parameter **default_authentication_mode** needs to be changed, from **PDS** to **local**
3. Close and re open the browser session

The screenshot shows the 'Rosetta Administration' interface. The breadcrumb trail is 'General / General Parameters'. The 'Select Module' dropdown is set to 'authentication'. A table lists several parameters:

Name	Description	Type	Value
authentication_lock_duration	The duration for which a user attempting to log in to the system with an incorrect password is locked out of the system	number	300000
authentication_max_failure	If a user attempts to log in with an incorrect password more than the number of times specified here, the user is locked out of the system for the duration specified by the authentication_lock_duration parameter	number	3
default_authentication_mode	Determines the default authentication method	string	local
deposit_self_registration	When false, the patron self-registration is not displayed in the local authentication login form	boolean	true
login_default_institution	The institution that appears as the default on the login page	string	INS00

Buttons for 'Back' and 'Update' are visible at the bottom of the table.

Access Rosetta with local authentication

Access Rosetta with local authentication using `http://<host>:1801/mng?auth=local` - This will override the default authentication method.

Web services authentication

The Web Service APIs now have the option to locally authenticate using the http header (as an alternative to the PDS Handle).

The header should pass base64 encoded user, institution code and password, as explained under "REST/SOAP APIs" found here: <https://developers.exlibrisgroup.com/rosetta/apis>

Authentication by external system using SAML

SAML enables Rosetta to exchange authentication and authorization information with your **institutional identity provider (IdP)**, allowing a single sign on for the institution's users.

A user who will sign in or out of an external system, will be automatically signed in or out of Rosetta, and vice versa.

For additional information see User Authentication with SAML chapter, in the Rosetta [Configuration Guide](#)

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