



REGISTRATION & AUTHENTICATION WORKFLOW

BeCa IT Authentication for Sage 300

Sequence diagrams for the registration (enrolment) and authentication (sign-in) flows of both Single Sign-On (SSO) and Multi-Factor Authentication (MFA).

Applies to Sage 300 **2023, 2024, 2025, 2026** and **2027** · 2023 PU2 → 2027 · Document revision 2026-09

Each flow below is a **sequence diagram**: the boxes across the top are the participants, the dashed vertical lines are their timelines, and the arrows are the messages between them, read top to bottom. Solid arrows are requests; dashed arrows are responses.

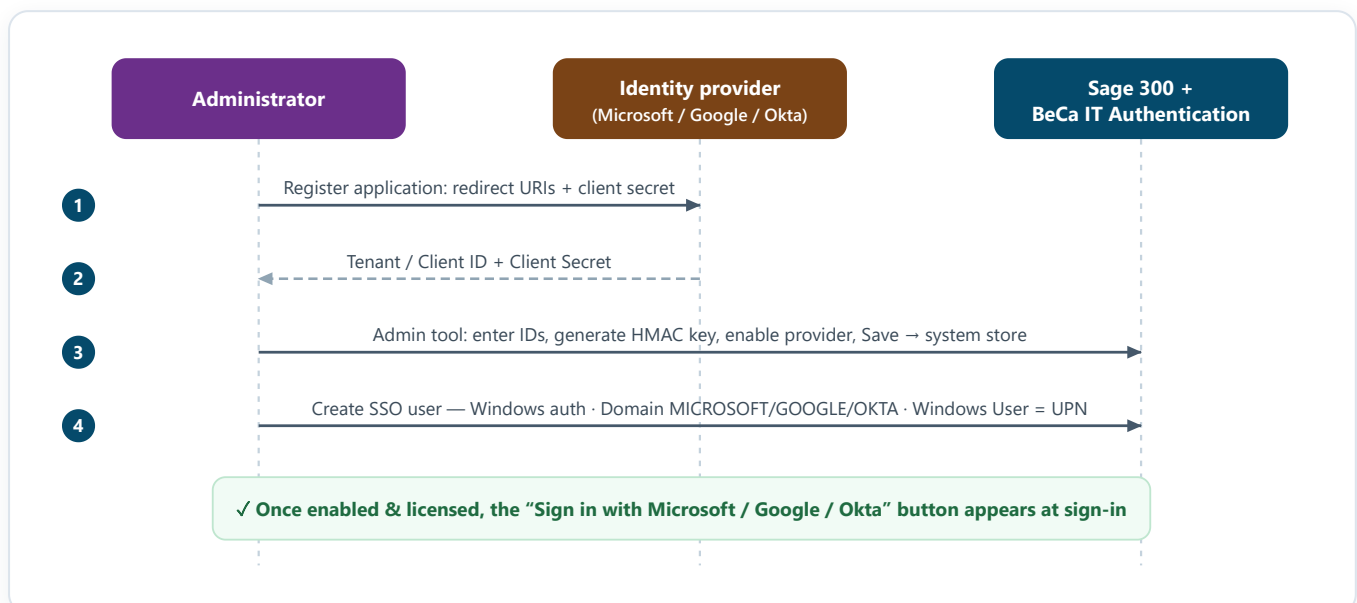
■ Administrator ■ User ■ Sage 300 + BeCa IT Authentication ■ Identity provider (Microsoft / Google / Okta)
■ Authenticator app

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2. SSO — Authentication (each sign-in: Web Screens & Desktop)
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4. MFA — Authentication (each sign-in)

1 SSO — Registration (one-time set-up)

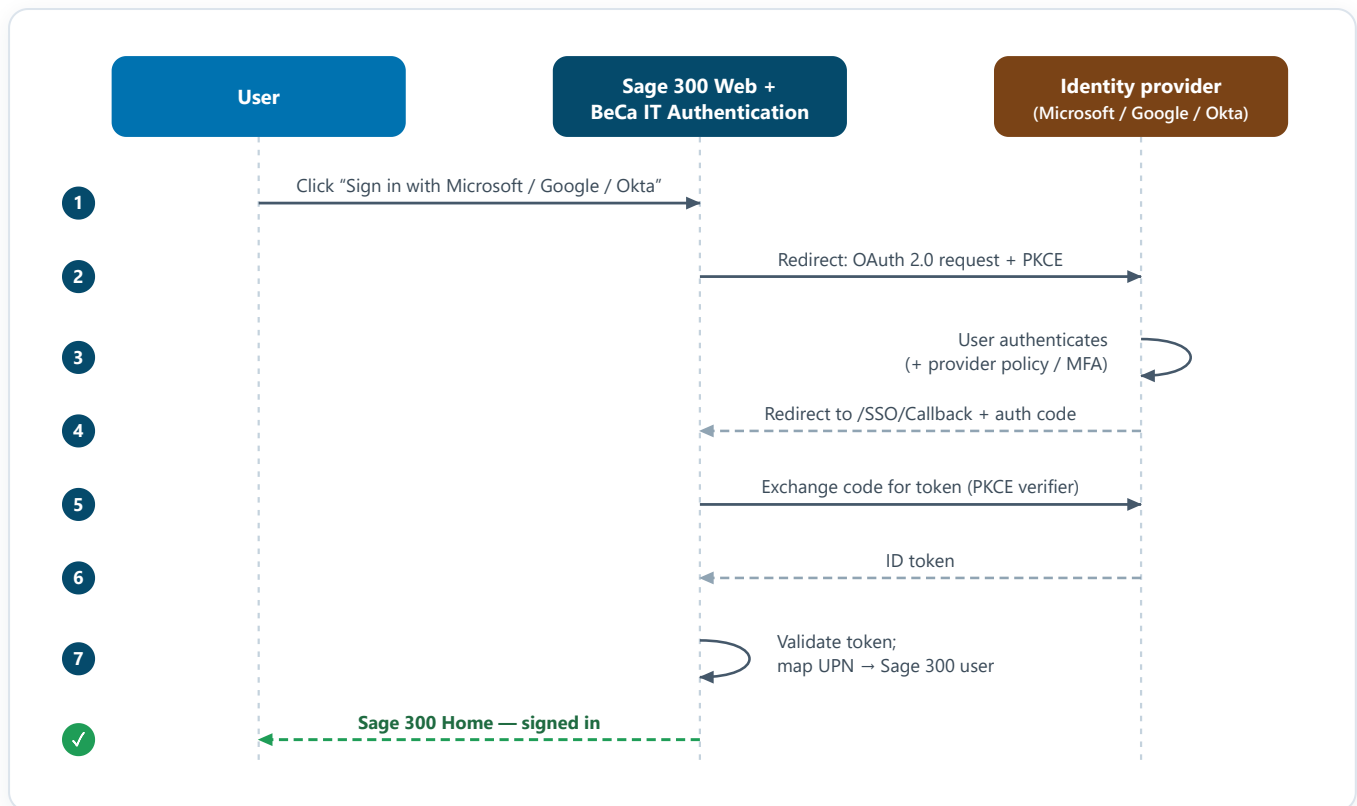
An administrator registers an application with the identity provider, enters the values in the Admin tool, and enables each person's Sage 300 user for SSO. There is no per-user self-registration.



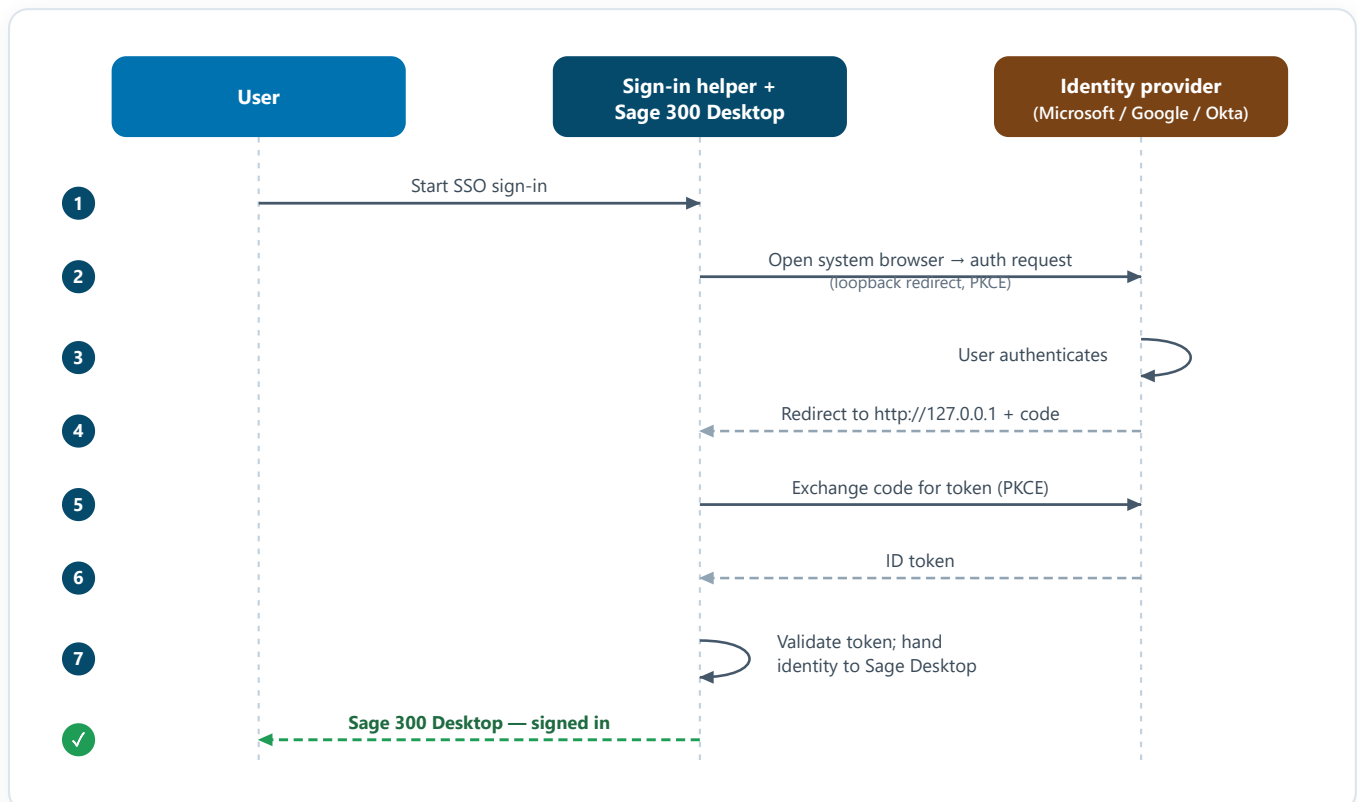
2 SSO — Authentication (each sign-in)

At each sign-in the user authenticates with their identity provider; Sage 300 then runs as that person's own Sage 300 user. This is the standard OpenID Connect Authorization Code exchange with PKCE.

2a — On Sage 300 Web Screens

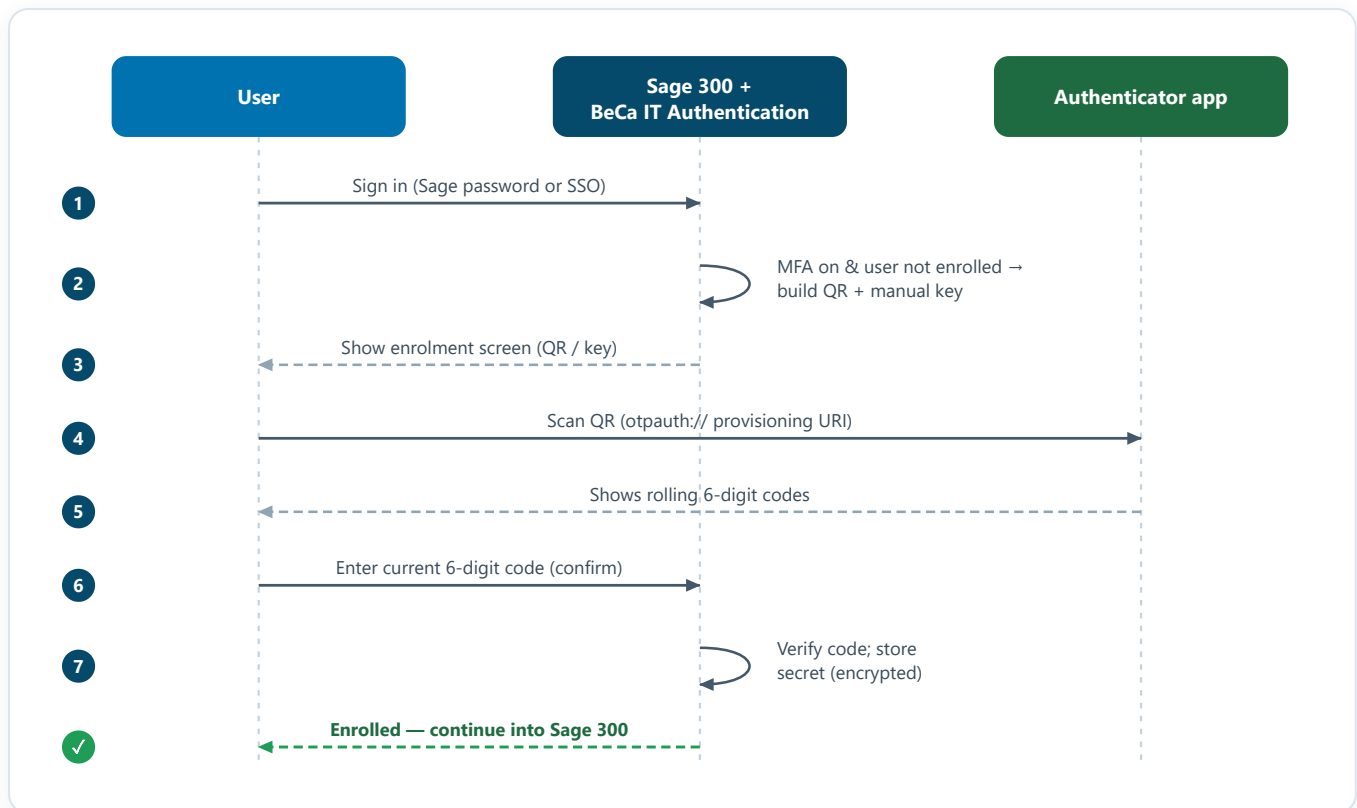


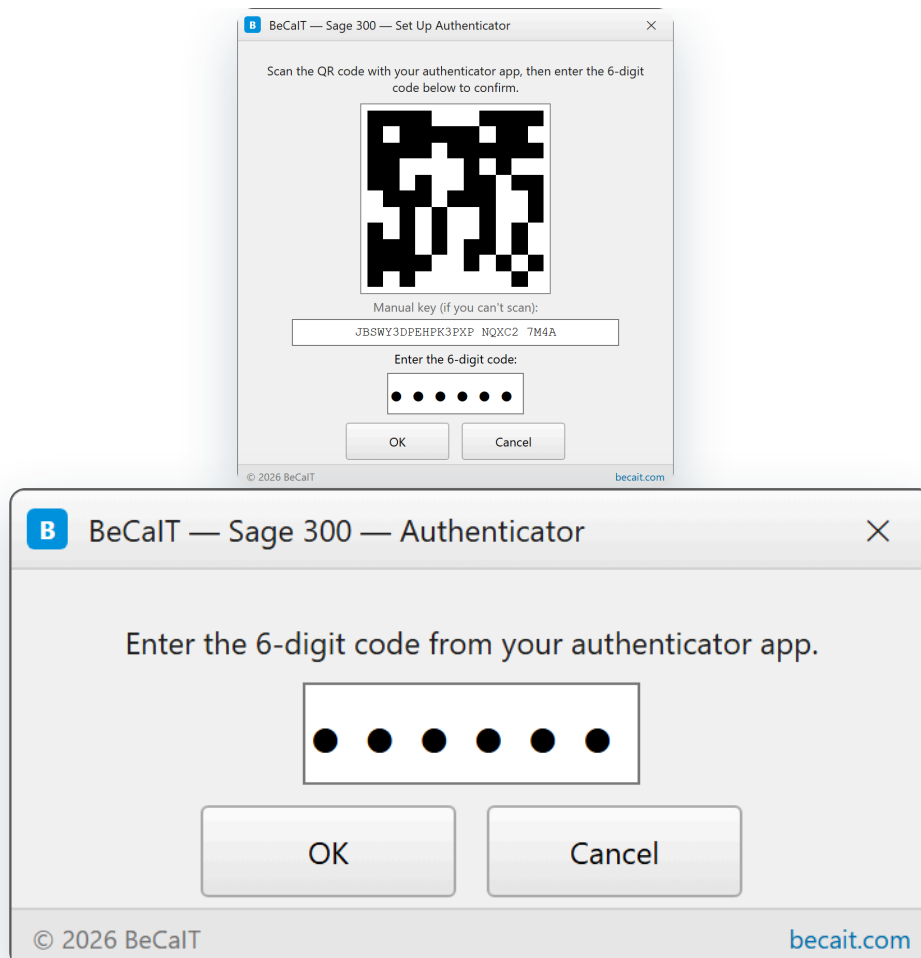
2b — On Sage 300 Desktop



3 MFA — Registration (first-sign-in enrolment)

MFA needs no per-user provisioning. Once enabled, every user enrolls their own Authenticator app the first time they sign in.

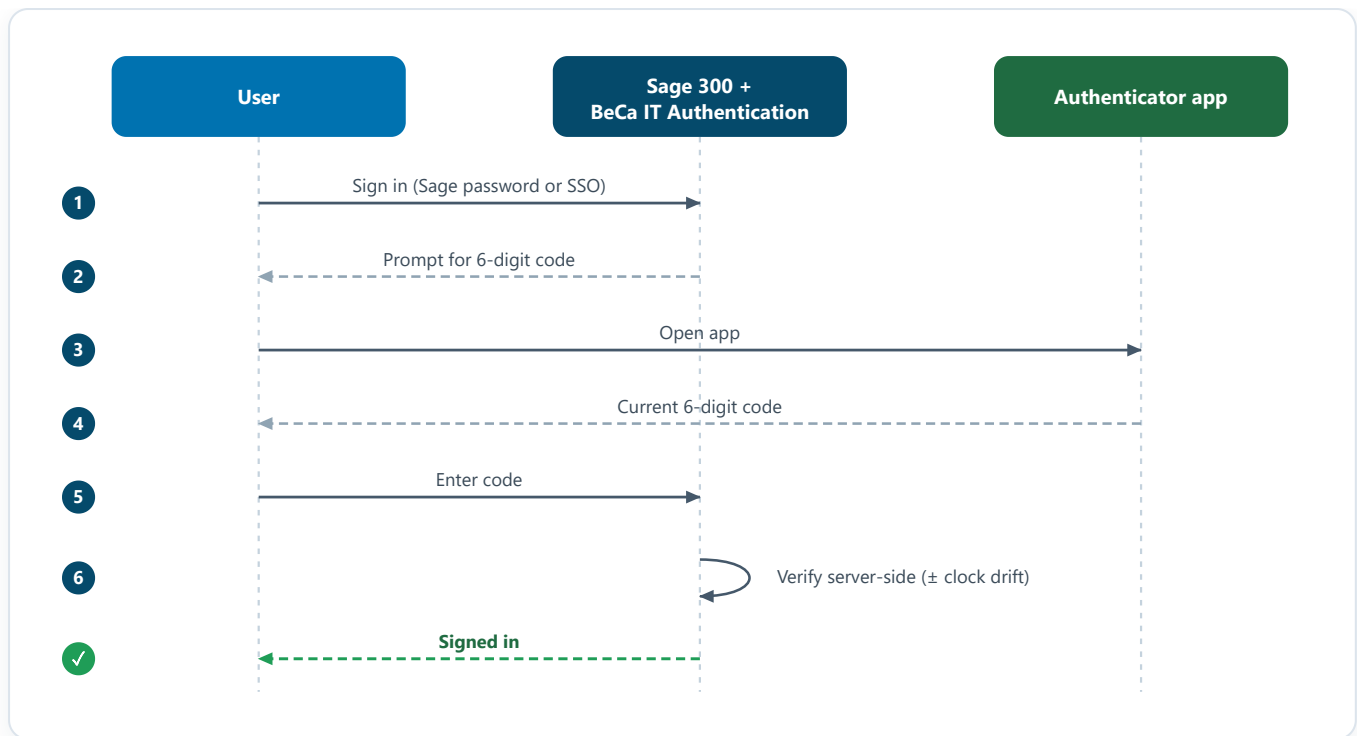




The enrolment screen (scan QR) and the 6-digit confirmation prompt the user sees.

4 MFA — Authentication (each sign-in)

Once enrolled, the user supplies a fresh Authenticator code as a second factor at every sign-in.



SSO and MFA together. When both functions are licensed and enabled, the SSO flow (Section 2) runs first, then the MFA flow (Section 4) — the two diagrams chain back to back within a single sign-in.