

# Automation on fetching user accounts for Okta

To **automatically fetch user accounts into Okta** without needing to manually import them, you should set up a **Directory Integration** that allows Okta to **sync users from an external directory**, such as **Active Directory (AD)**, **LDAP**, or through a **SCIM integration**. Here's how to approach each method:

## Active Directory (AD) Integration (Most Common)

This is the best option if you're using Windows Server AD.

### Steps:

1. **Install the Okta AD Agent** on a domain-joined Windows Server.
2. In the Okta Admin Console:
  - Go to **Directory > Directory Integrations**.
  - Click **Add Directory > Add Active Directory**.
3. Follow the wizard:
  - Provide domain credentials.
  - Select the OUs you want to sync.
  - Schedule automatic imports (default every hour).
4. After setup, Okta will **automatically sync users and groups** from AD to Okta.

Okta will **periodically pull new users, updates, and removals**.

## LDAP Directory Integration

If you're using OpenLDAP or similar:

### Steps:

1. Install the **Okta LDAP Agent** on a server that can access your LDAP directory.
2. Go to **Directory > Directory Integrations** in Okta and add your LDAP configuration.

3. Schedule sync or enable real-time sync depending on the directory.

## SCIM (System for Cross-domain Identity Management)

If your source system supports SCIM (like HR systems, custom apps, etc.):

### Steps:

1. Ensure the external system supports **SCIM 2.0**.
2. In Okta, go to **Applications** > add SCIM-based integration (or create a custom SCIM app).
3. Configure:
  - SCIM base URL
  - Bearer token
4. Okta will **auto-provision and deprovision** users via SCIM.

## Okta Workflows or API Automation (Advanced)

For custom scenarios (e.g. syncing from a CSV, API, or Google Workspace):

- Use **Okta Workflows** or the **Okta API** to periodically fetch and push user data.
- Okta Workflows has connectors to services like Google Sheets, Slack, Salesforce, etc.
- You can build a scheduled flow that fetches data and creates users in Okta.

## Manual Import = Only Needed If:

- You don't use a supported directory or SCIM.
- You're uploading static CSV files.

## Sync Frequency

- AD/LDAP: Every 1 hour (default), configurable
- SCIM: Real-time (if supported), or scheduled via Okta
- API/Workflows: As you define it (e.g., every 15 minutes)

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