# Asset Importer for Amazon S3

Scheduled, mapped imports from files in an Amazon S3 bucket into Jira Assets — so the CMDB keeps pace with the systems that already export to AWS.

**Export once. Sync on schedule.**

| SOURCE | MAP | SYNC |
| --- | --- | --- |
| CSV and JSON files in your S3 bucket | Key, label and columns per object type | Schedule, webhook or manual run |

# A CMDB is only as good as its last update.

Inventory data already lands in S3 — exports from cloud accounts, discovery tools, finance and HR systems. Getting it into Jira Assets is where it stalls: someone downloads the file, cleans it and uploads it by hand.

## WHERE THE GAP SHOWS UP

01 Stale records — the CMDB reflects the last manual upload, not the current estate.

02 Manual handling — files are downloaded, re-saved and uploaded, with room for error at every step.

03 Scripts nobody owns — custom import jobs that break when a column or a credential changes.

04 Data in transit — middleware that copies asset data through yet another vendor's servers.

## WHAT THE IMPORTER CHANGES

| | |
|---|---|
| SOURCE | The file stays in S3; the import reads it by its HTTPS URL. |
| MAPPING | Choose key, label and columns once — the app creates the mapping and object type. |
| CADENCE | An interval schedule keeps Assets in step with the file. |
| TRIGGERS | A webhook starts a run when the upstream export finishes. |
| DATES | Placeholders such as {{jiraDate}} resolve date-stamped file names. |
| TRACE | Detailed logs show what every run did. |

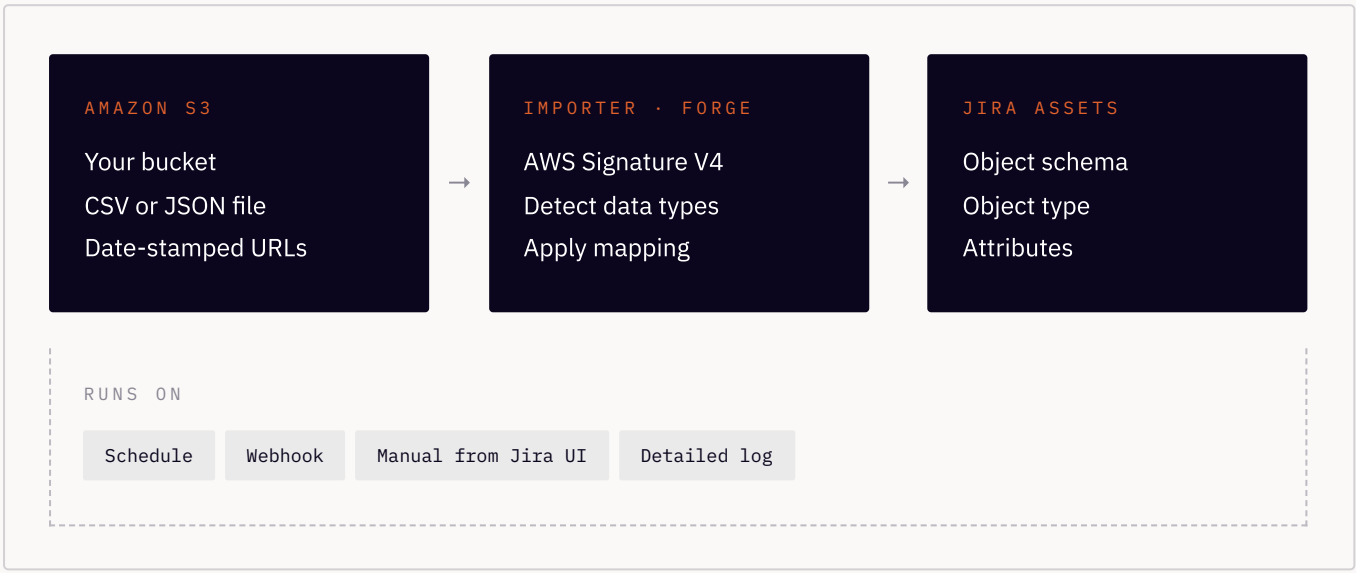
THE OUTCOME

Let the system that produces the data keep producing it. Jira Assets reads the latest file on schedule — no download, no re-upload, no script to maintain.

CURRENT RECORDS | NO MANUAL UPLOADS | NO MIDDLEWARE

# Built into the Assets import platform.

The importer runs on Atlassian Forge and plugs into the standard Jira Assets import framework. It appears as an import type on your object schema, next to the imports you already know.




### NO VENDOR ACCESS

The app runs entirely on Atlassian Forge, within your Atlassian site. No asset data is stored by or transferred to Rixter.

### READ-ONLY CREDENTIALS

An access key for a user with the AmazonS3ReadOnlyAccess policy. Keys are kept encrypted in the Forge secret store.

## HOW THE MAPPER READS A FILE

| | |
|---|---|
| CSV | Columns become candidate attributes; the second data record sets the data types. |
| JSON | The first object in the list is used as the schema. |
| KEY | The column that uniquely identifies each record. |
| LABEL | The column shown as the object's name in Assets. |
| OBJECT TYPE | Created by the app on save, together with the import mapping. |
| ACCESS | Granted through the Object schema managers role on the schema. |

# Start with one file. Then schedule it.

The fastest rollout picks one well-understood export, gets its mapping right, and only then turns on automation.

### 01 Prepare access

Create an access key for an IAM user with read-only S3 access to the bucket.

### 02 Add the import

Give the app the Object schema managers role, then create an AWS S3 File Importer import.

### 03 Load and map

Paste the file's HTTPS URL, load it, and choose key, label and columns.

### 04 Check the second row

The mapper infers data types from it — make sure it is representative.

### 05 Run it manually

Import once from the Jira UI, then review the log and the resulting objects.

### 06 Automate

Enable the schedule, or call the webhook when the upstream export completes.

WHERE TEAMS USE IT

| CLOUD ESTATE | IT ASSETS | SOFTWARE | PEOPLE | SERVICES |
|---|---|---|---|---|
| Resource inventories exported to S3 | Hardware lists from discovery tools | Licence and subscription registers | Teams and cost centres for ownership | Catalogues kept outside Jira |

THE TAKEAWAY

The goal is not a one-off migration. It is a CMDB that updates itself from data you already produce.

## Keep Jira Assets in step with your S3 data.

Tell us which export you still upload by hand, and we will show you how to schedule it.

rixter

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Asset Importer reads the files you point it to and writes to Jira Assets within your Atlassian site; IAM policy, bucket access and schema design remain your responsibility. Capabilities referenced were verified against Rixter and Atlassian public product material, October 2026.