

# ActiveIdM

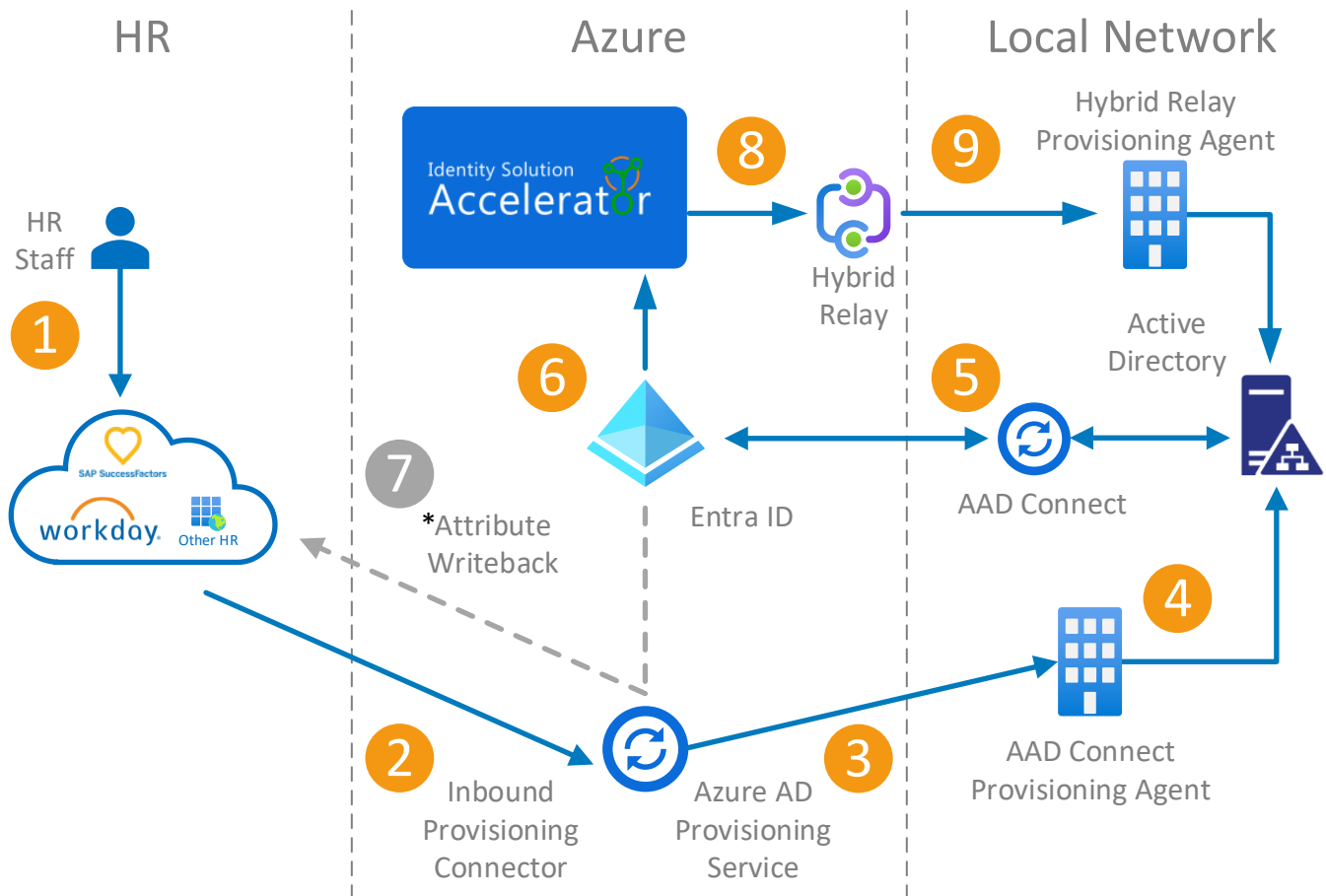
## Identity Solution Accelerator

Azure Identity is a core set of Microsoft services that provides full identity, security, and governance products that allow management, maintenance, monitoring of user identities and access across the organization.

The ActiveIdM Identity Solution Accelerator (*Identity Solution Accelerator*) integrates these Microsoft services into packaged ready-for-deployment workflows providing for full employee lifecycle processing and event management.

Working in conjunction with your Core HR System (authoritative data source) provisioning, the Identity Solution Accelerator provides enhanced user management by defining multiple additional user flows. Onboarding, offboarding, leave, transfers, conversions and any other needed HR events are detected, triggering these specific workflows to execute, ensuring appropriate user state is consistently managed and maintained throughout the employee lifecycle.

Figure 1 includes the Identity Solution Accelerator, Hybrid Relay, and the Hybrid Relay Provisioning Agent. The addition of these components completes the high-level overview of the Azure-based, serverless, cloud-native identity solution.



**Figure 1 – HR Inbound Provisioning with the ActiveIdM Identity Solution Accelerator**

## Figure 1 Provisioning Steps with Solution Accelerator in Blue

1. The HR team performs worker transactions for Joiners/Movers/Leavers in the Core HR System.
2. The Entra ID Provisioning Service runs scheduled synchronizations of identities from Core HR and identifies changes that need to be processed for sync with on-premises Active Directory (AD).
3. The Entra ID Provisioning Service invokes the on-premises Entra ID Connect Provisioning Agent with a request payload containing AD account create/update/enable/disable operations.
4. The Entra ID Connect Provisioning Agent uses a service account to add/update AD account data.
5. The Entra ID Connect / AD Sync engine runs delta sync to pull updates in AD.
6. The Active Directory updates are synced with Azure Active Directory.
7. HR Writeback updates attributes, such as Email, back to the Core HR System.
  - a. \*Out of the box Writeback functionality is available for some Core HR systems, but custom writeback workflows can be created.
8. The Identity Solution Accelerator evaluates user state changes, determines which business rules to apply, and schedules workflows to perform necessary provisioning changes.
9. Workflows are executed on-prem when changes to on-prem Active Directory are required.

In summary, the Identity Solution Accelerator provides event-driven, fault-tolerant automated user processing by integrating multiple independent services:

- Triggering on individual user changes in Entra ID when updated from Core HR user state changes are detected and appropriate workflows are processed.
- Serverless applications calculate any dynamic or complex attribute values as needed for on-premises Active Directory or Entra ID.
- Serverless applications perform the necessary workflow tasks for identity management, such as account enablement/disablement, group management, licensing management, mailbox setup and notifications.
- Visibility to processing status, results, and history as well as immediate terminations and workflow reprocessing are available via the identity management UI.