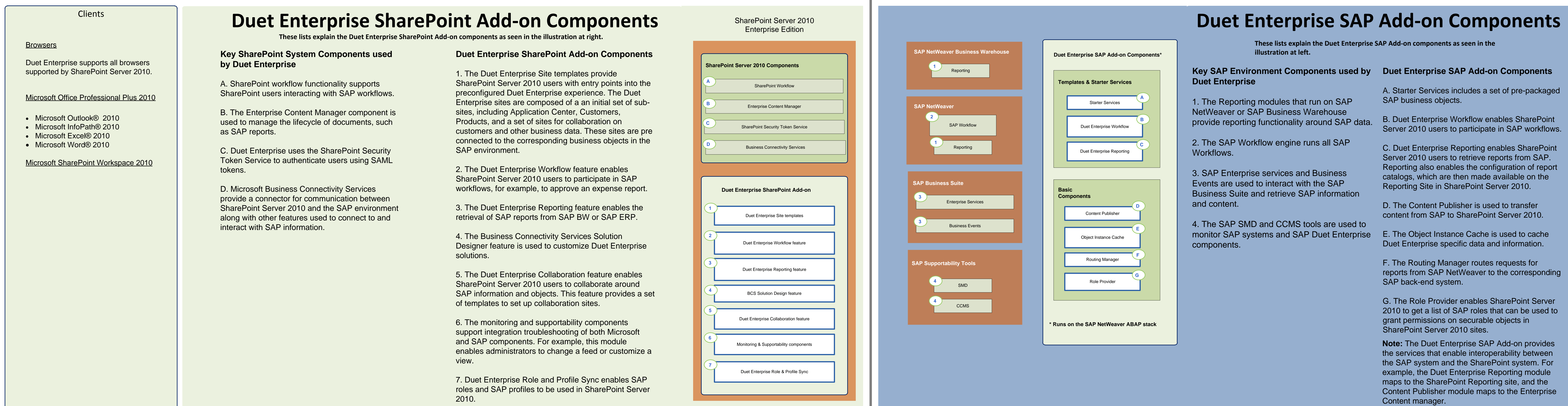


Duet Enterprise is a new jointly developed product from SAP and Microsoft that enables interoperability between SAP applications and Microsoft SharePoint Server 2010 Enterprise Edition. Duet Enterprise empowers employees to consume and extend SAP processes and information from within SharePoint Server and Microsoft Office 2010 client applications.

## Duet Enterprise Architecture

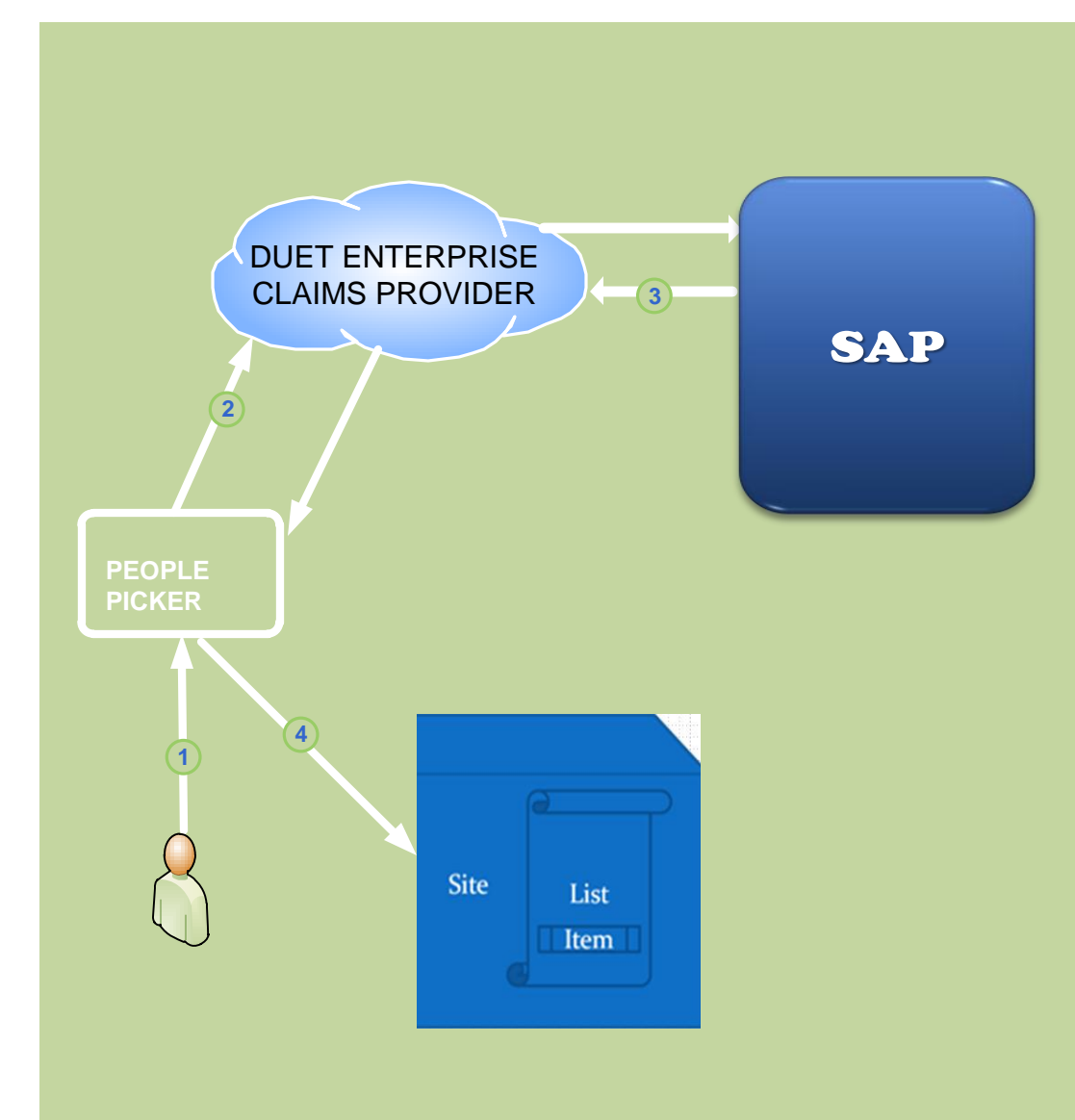


## Duet Enterprise Security

Duet Enterprise SharePoint user accounts cannot directly access information in the SAP system. Duet Enterprise enables SAP administrators to map SharePoint user accounts to SAP accounts. Duet Enterprise also enables SAP roles that are mapped to SAP users in the SAP environment. When SharePoint users are mapped to SAP users this enables SAP applications to authenticate the SharePoint users by looking up the SAP account that is mapped to a particular SharePoint user. Duet Enterprise also enables using SAP roles as claims-based security principals in SharePoint. This enables SharePoint users and administrators to grant SAP users access to SharePoint securable objects, such as sites, lists, and items by securing those securable objects using SAP roles. SAP roles are defined and the SAP user-to-role assignment is managed in the SAP environment. The ability to secure SharePoint objects by using SAP roles saves the administrative overhead of redefining those same roles in SharePoint.

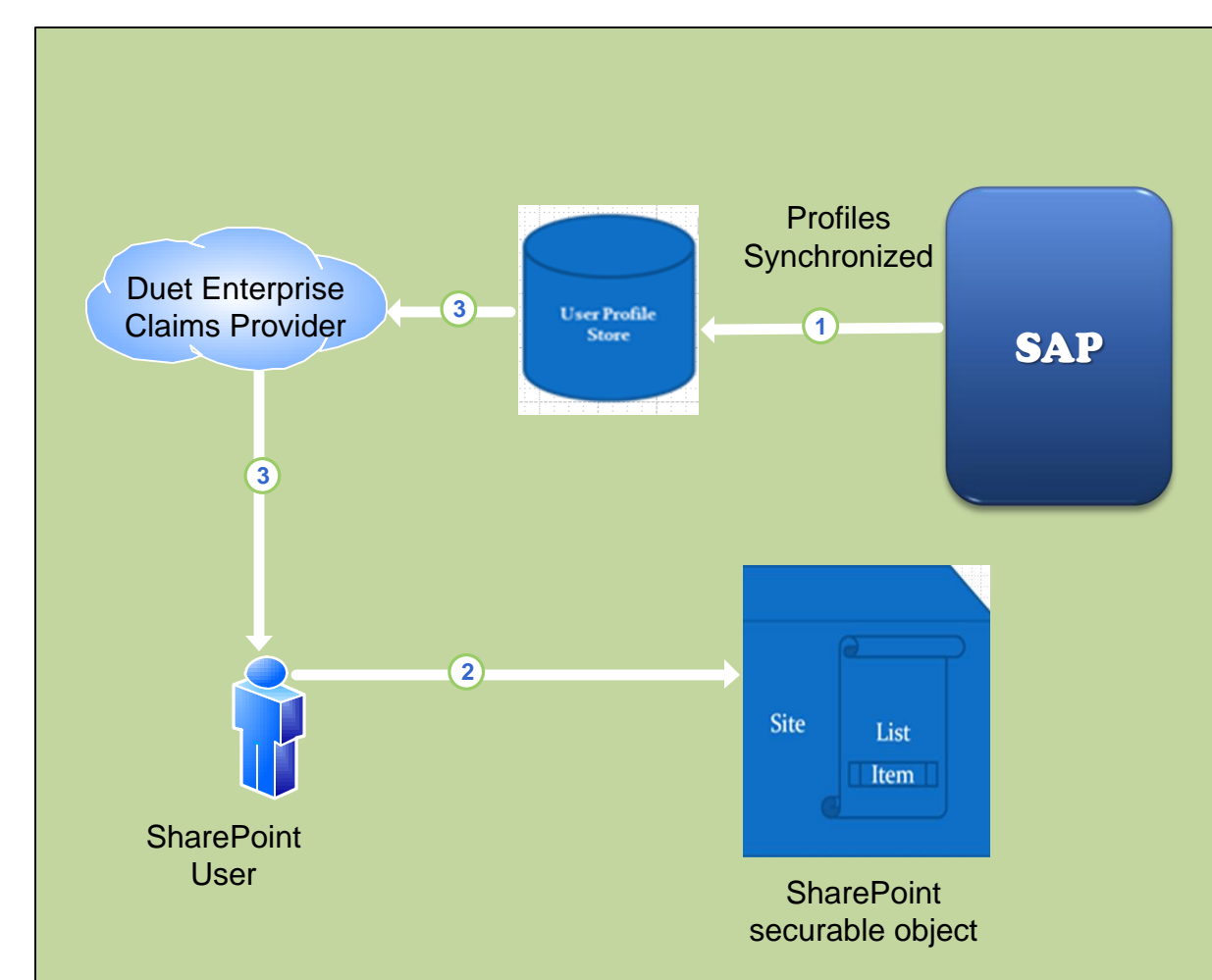
### Secure objects in SharePoint using SAP Roles

When a SharePoint user runs an SAP report from a SharePoint site, a file that contains the report is delivered to a SharePoint document library and secured using one or more SAP roles. Because the file is secured using an SAP role rather than the user account of the SharePoint user who ran the report, SharePoint must look up the SAP role in the user profile store for SharePoint users who want to view the report. The diagram below, and the associated list on the right, describe the authorization process of a user requesting access to a securable object in SharePoint that has been secured using an SAP role.

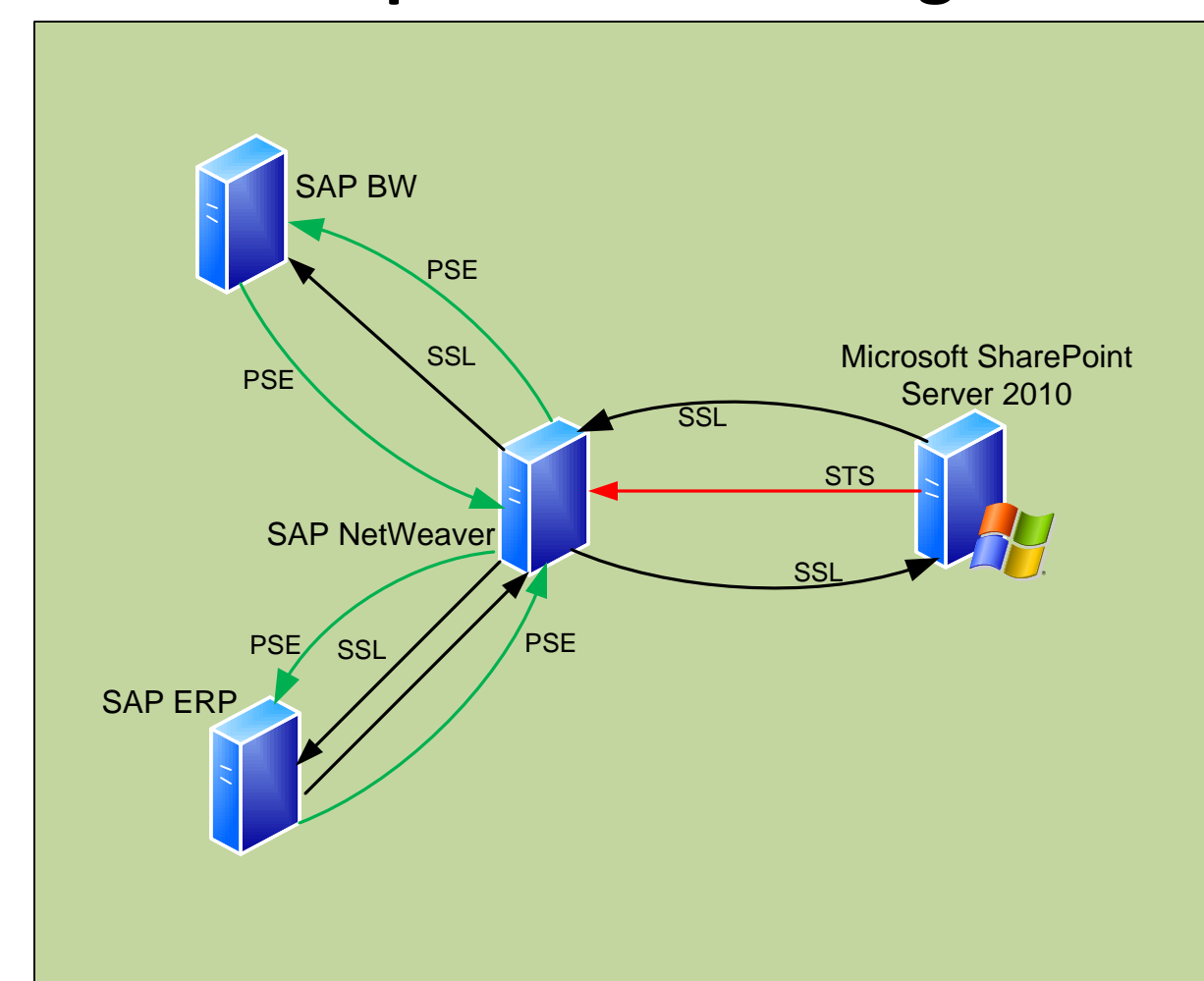


### Duet Enterprise User Authorization

The diagram below provides a high-level overview of the Duet Enterprise user authorization process.

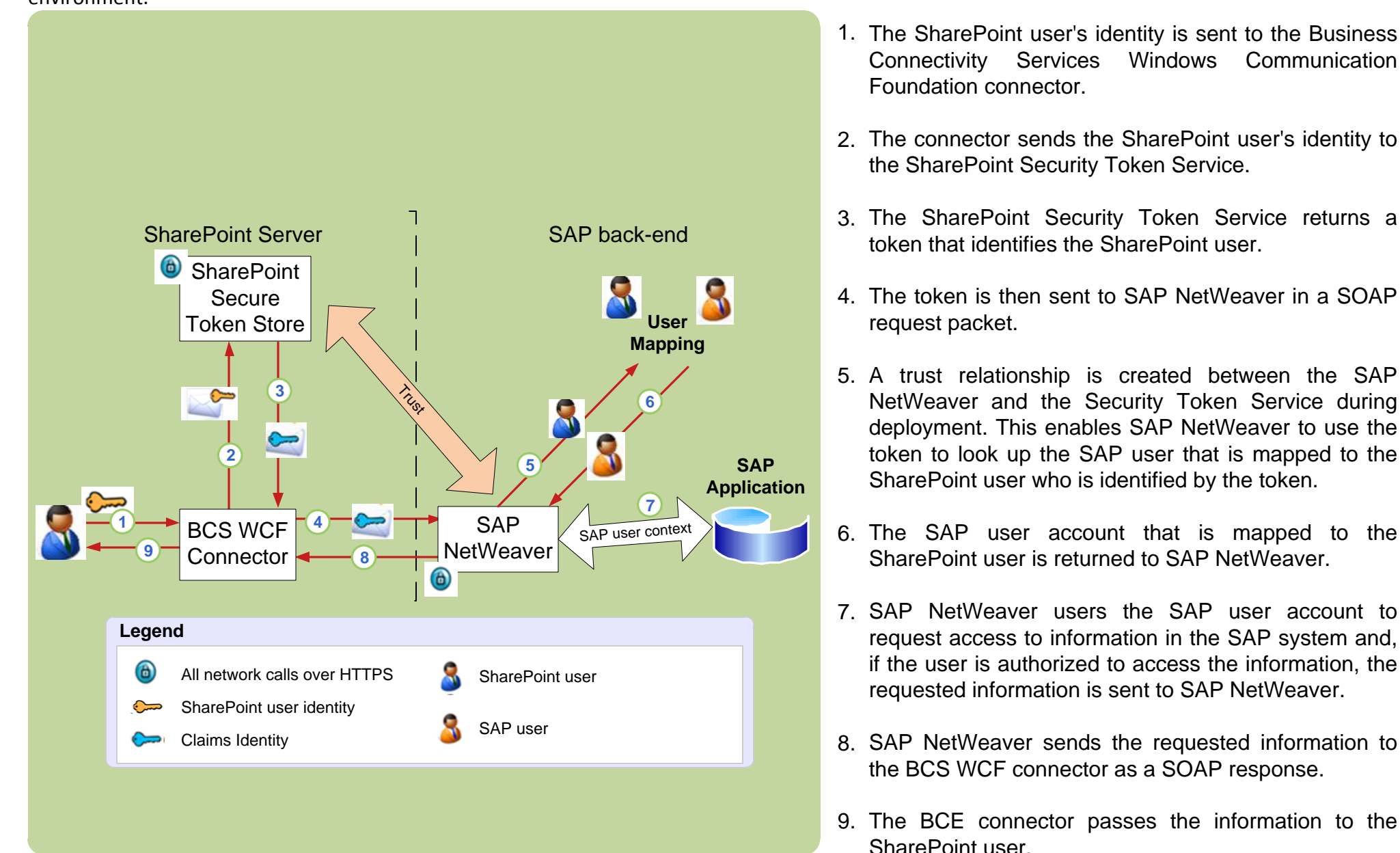


## Duet Enterprise Trust Configurations

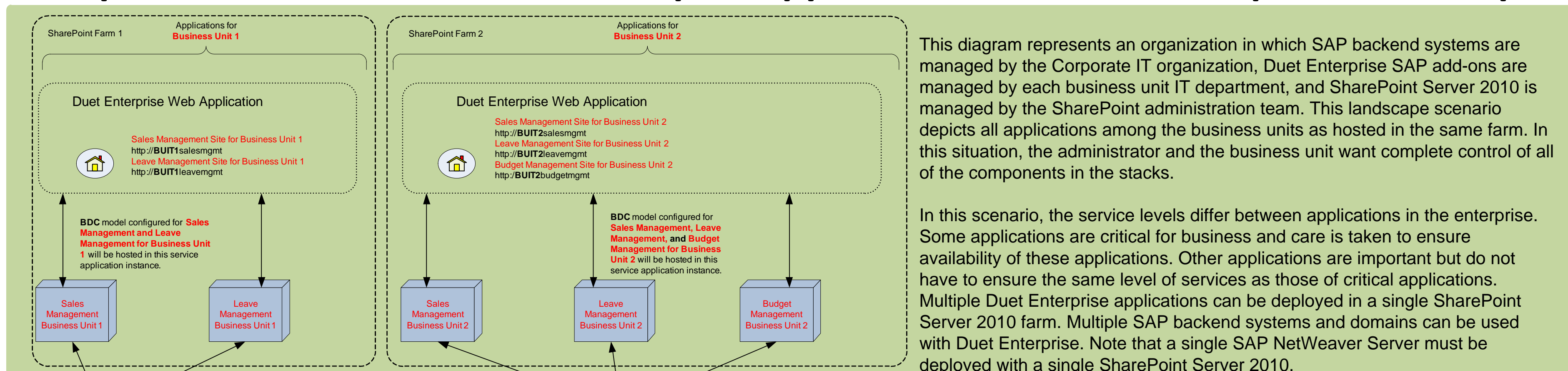


## Duet Enterprise Claims-based Authentication

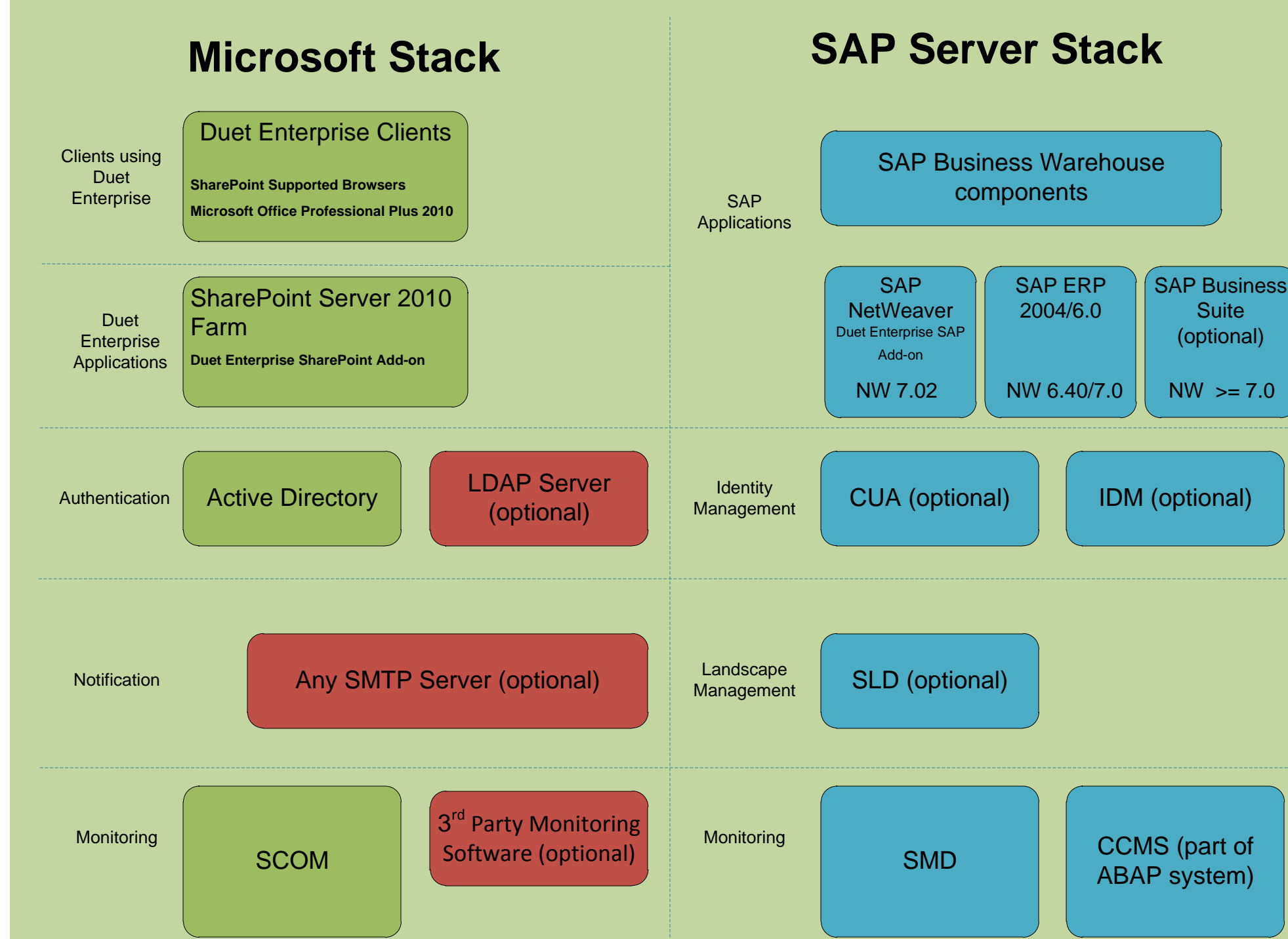
Although Duet Enterprise support multiple authentication methods, Claims authentication is the only method that supports using SAP role to secure objects in SharePoint. The diagram below and the list to the right shows a high-level view of how authentication works in a Duet Enterprise environment.



## Impact of Business Unit Ownership of Applications on Duet Enterprise Landscape



## Duet Enterprise Landscape: Logical Overview



## Duet Enterprise Landscape Monitoring

