

ONESPAN AUTHENTICATION SERVER (OAS) LDAP SYNCHRONIZATION INSTALLATION PACKAGE DETAILS

1) Project Parameters

Maximum Service Hours included in this Package	Four (4) hours
Expected Project Duration	Ten (10) Business Days
Location of Professional Services	Remote

2) Governing Terms

The Professional Services are delivered pursuant to the Master Terms available for review at www.onespan.com/master-terms, including the Professional Services Schedule at <https://www.onespan.com/professional-services> (the "PS Schedule"), unless Customer has previously executed a written agreement for the sale of the Services, in which case such agreement shall control (the "Contract"). Terms not defined herein shall have the meaning given them in the Contract.

3) Assumptions and Pre-requisites

- a) Packaged Services are performed remotely and during standard business hours of the Supplier office providing the Service ("Service Hours"), unless otherwise agreed in writing.
- b) Supplier can perform services outside of "Service Hours" at an additional expense through a separate agreement.
- c) Services can be provided on-site at Customer's location subject to an additional travel and lodging expense billed separately.
- d) Services defined in this package are applicable to OneSpan Authentication Server or OneSpan Authentication Server Appliance
- e) Customer must have valid licenses for:
 - i) OneSpan Authentication Server
 - Or
 - ii) OneSpan Authentication Server Appliance
- f) Customer must ensure that their implementation environment meets the minimum server requirements identified in the product documentation.
- g) Customer will establish sufficient access to use Supplier's current remote services capability.
- h) Customer has a previously installed and presently operational (no pending support tickets) current version of OneSpan Authentication Server / OneSpan Authentication Server Appliance or purchased OneSpan Base Installation Package.
- i) Customer's OneSpan Authentication solution utilizes utilizing an ODBC database and LDAP compliant data store.

4) Services

- a) Project kickoff conference call
 - i) Supplier will conduct a project kickoff call to set objectives and explain project phases and scope.
 - ii) Supplier will work with the Customer to see that all prerequisites and requirements conditional for the provisioning of the Services, are fulfilled.
- b) LDAP Synchronization Tool installation and configuration
 - i) Supplier will install and configure one (1) LDAP Synchronization Tool on an existing and operational OneSpan Authentication Server in the Customer's system environment including:
 - (1) Create domain to store users
 - (2) Create and configure a Profile
 - (3) Configure for appropriate LDAP location
 - (4) Test proper connectivity to LDAP data store
- c) Data Store Synchronization
 - i) Supplier will configure and confirm connectivity between the OneSpan Authentication Server and the Customer's data store location.
- d) Mappings and Filtering
 - i) Supplier will map LDAP attributes to the OneSpan Authentication Server and validate the mappings are correct.
- e) Synchronization Validation
 - i) Supplier will initiate and restart the OneSpan Authentication synchronization service and validate successful synchronization through a scheduled run.



5) Project Deliverables

Deliverable #	Deliverable Description
0001	Test showing successful synchronization of user creation/update/delete with LDAP data store.

6) Exclusions

- a) Installation, configuration, backup or management of any 3rd party software or hardware (such as operating systems, databases, network settings, backup systems, monitoring solution, Active Directory or other Windows Services, load balancers, server hardware, firewall)
- b) More than one LDAP installation
- c) Any Professional Services not expressly addressed in this Package.
- d) Professional Services within this Package scope, beyond the 12-month timespan.

