



MidPoint Deployment: First Steps [MID301]

Student Lab Guide - Module 1

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This lab guide is not a standalone document and should be used only for the purpose of this training. If there are any questions during the course related to the content of the training or this lab guide itself, do not hesitate to ask the instructor.

If there are any errors, typos or typographic convention mistakes, please report them to the instructor as well. Thank you.

All labs were tested with the midPoint version used during the training.

We assume you have already installed the prerequisites before this training (if there were any).

Disclaimer

The names, organizations and places portrayed in this training course are fictitious. No identification with actual persons (living or deceased), organizations, places or events is intended or should be inferred.

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Module 1: Planning Your Deployment Project

LAB 1-1: Inspect Your Environment

Estimated Time: 10 min

In this lab, we will check the existing source and target systems and midPoint and access them using web browser. We do this in order to introduce the existing environment and to check the connections.

We have prepared a single point of access in a form of a simple static web page. A reverse proxy server is configured to limit the access.

In your browser:

1. go to http://AWS_workstation_IP

List of links to training containers is provided.



For training courses delivered on publicly accessible machines (e.g. in cloud), HR application and AD LDAP browser are protected by reverse proxy authentication:

- **Username:** **training**
- **Password:** **e=mc2**

Let's try **HR application** first. It is a simple application for HR data management for *demo* purposes. We are using it in this training as our HR system.

In your web browser with main navigation page:

1. click **HR application** link



As an alternative, you may go directly to http://AWS_workstation_IP/hr/

2. click **Show users**
3. list of HR records is displayed. These HR records will be imported to midPoint in later labs



The data is sorted by **Id** column. No searching other than using web browser is possible in the Demo HR application at the moment.

Use page navigator under the table of HR records to move to previous/next pages if more than 50 entries are displayed.



Please do not do any modifications in HR data at this time.

In the future labs, we will use **Register user** to create a new person record and **Modify** button to update existing person record.

To export data from HR to a CSV file (will be needed in future labs), you can click **Export users to csv file**.

Let's show our **Active Directory** (simulated by OpenLDAP server) now.

In your web browser with main navigation page:

1. click **AD LDAP browser**



As an alternative, you may go directly to http://AWS_workstation_IP/phpldapadmin/

2. expand the LDAP tree for **dc=example,dc=com** by clicking **+** button
3. expand **ou=users** container by clicking **+** button

You can click on any account in the left tree to display its details.



Please do not do any modifications in AD/LDAP data at this time.



We will simulate Active Directory using OpenLDAP. This is not a complete simulation, i.e. attribute names do not match real Active Directory, but the structure of the tree and usernames/distinguished names is similar to real Active Directory environment.

Finally, let's log in to **midPoint**.

In your web browser with main navigation page:

1. click **midPoint**



As an alternative, you may go directly to http://AWS_workstation_IP/midpoint/

2. login to midPoint as:
 - **Username:** **administrator**
 - **Password:** **1st3ps**
3. go to **Users > All users** to display the list of midPoint users
 - a. only user **administrator** is listed

This concludes the Module 1 labs.