



ENTRÉ

**HOW-TO GUIDE:
SET UP AUTOMATIC
BADGE DISABLER**



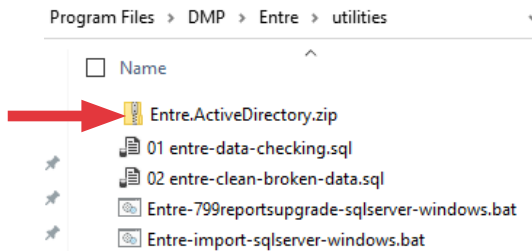
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SET UP ACTIVE DIRECTORY

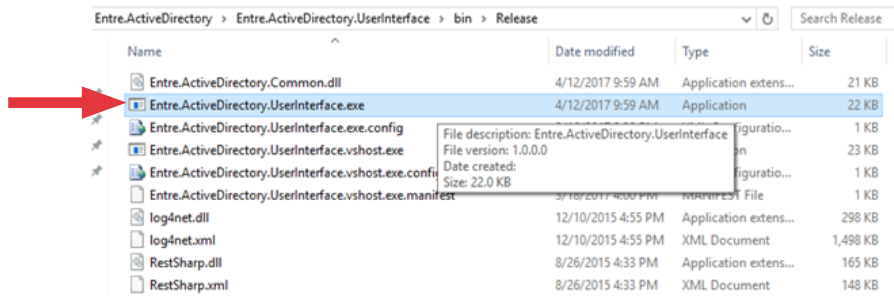
The steps in this guide can be performed by someone with knowledge of Active Directory, however they might need assistance from a system administrator.

Follow the steps below to set up Active Directory.

- 1 Extract **Entre.ActiveDirectory.zip** from the utilities folder to Entré directory.



- 2 Double-click **Entre.ActiveDirectory\Entre.ActiveDirectory.UserInterface\bin\Release\UserInterface.exe**.
This is used to configure the service before it is installed.



3

Fill out the form.

Output File Path

- In this example, the **Output File Path** is **C:\Program Files\DMP\Entre\Entre.ActiveDirectory\Entre.ActiveDirectory\usersToDisable.csv** because **Entre.ActiveDirectory** contains **csv.import.properties**. This will later be used by the Entré automation rule to disable the users.

Active Directory

- User Name** and **Password** contain the credentials of the system admin which the service will use to query Active Directory. Credentials are used for this example.
- Domain** contains the domain of Active Directory prefixed with **LDAP://**.
- Match Field** contains the name of the field used by the service to query Active Directory. In this example, **Match Field** is **samaccountname**, and the query will return the **Match Field** value of sgrayson (samaccountname=sgrayson). The value in **Match Field** links to the value of the Entré **Active Directory Key**.

Entre Active Directory

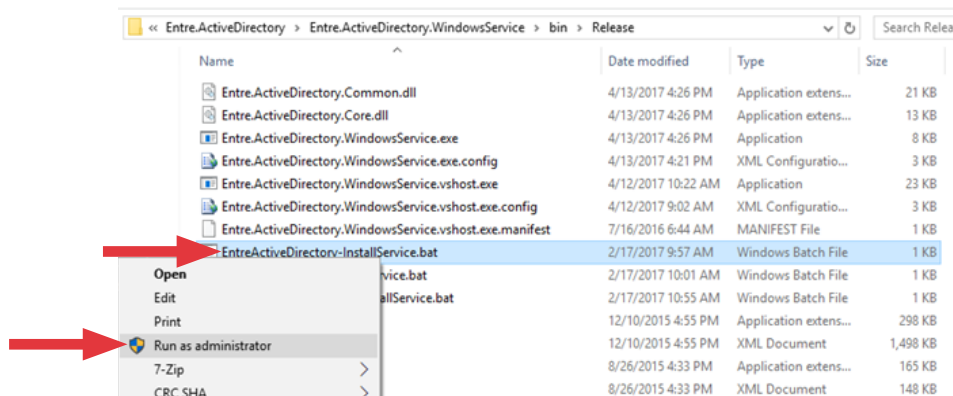
Database

- User Name** and **Password** contain the credentials used to access the Entré database.
- Server** contains the IP address of the Entré database.
- Leave **Instance** blank. An example would be **MSSQLSERVER**.
- Database** contains the name of the Entré database.

4Select **Save**.

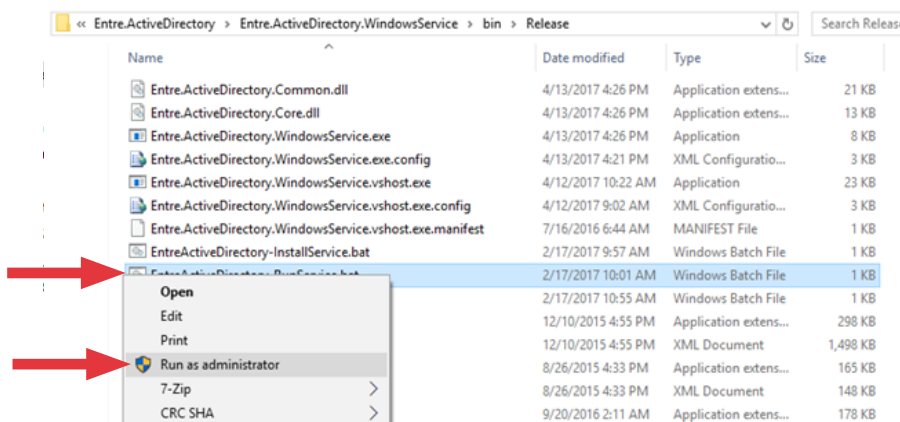
5 Install the service.

- In **Entre.ActiveDirectory**, go to **Entre.ActiveDirectory.WindowsService > bin > Release**.
- Right-click **EntreActiveDirectory-InstallService.bat** and select **Run as administrator**.
- Enter your admin credentials.



6 Run the service.

- In **Entre.ActiveDirectory**, go to **Entre.ActiveDirectory.WindowsService > bin > Release**.
- Right-click **EntreActiveDirectory-RunService.bat** and select **Run as administrator**.
- Enter your admin credentials.



The service queries the Entré database for active users with a populated **Active Directory Key**. It will then query active directory for disabled accounts, and look for matches against the **Active Directory Key**, in this case **samaccountname**.

If any matches are found, they are written to the **Output File Path**, **usersToDisable.csv**, and **application.log**.

The service is configured to poll Active Directory and Entre database every 30 seconds. You can change the configuration in: **Entre.ActiveDirectory > Entre.ActiveDirectory.WindowsService > App.config**
`<add key="Polling_Interval_Milliseconds" value="30000" />`

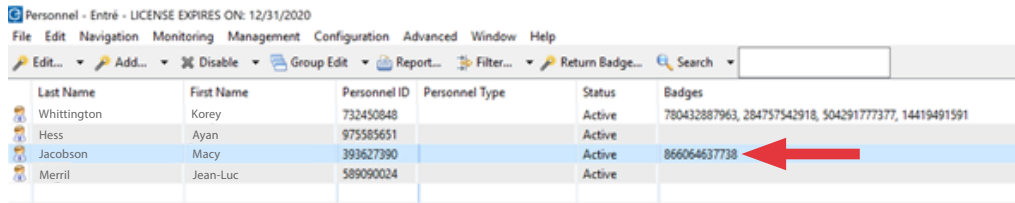
7 Restart the service to activate changes made above.

TEST THE ACTIVE DIRECTORY

Follow the steps below to test the Active Directory.

1

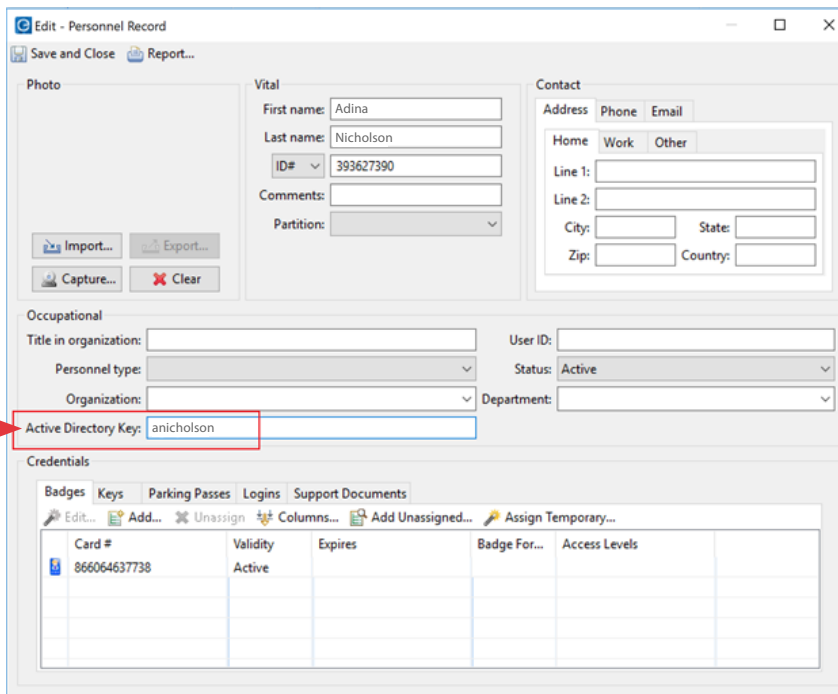
Create a user with a badge in Entré for testing. For full steps, see the [Entré User Guide](#).



Last Name	First Name	Personnel ID	Personnel Type	Status	Badges
Whittington	Korey	732450848		Active	780432887963, 284757542918, 504291777377, 14419491591
Hess	Ayan	975585651		Active	
Jacobson	Macy	393627390		Active	866064637738
Merril	Jean-Luc	589090024		Active	

2

Update the **Active Directory Key** for the test user.



Photo

Vital

First name: Adina

Last name: Nicholson

ID#: 393627390

Comments:

Partition:

Contact

Address Phone Email

Home Work Other

Line 1:

Line 2:

City: State:

Zip: Country:

Occupational

Title in organization:

Personnel type:

Organization:

Active Directory Key: anicholson

User ID:

Status: Active

Department:

Credentials

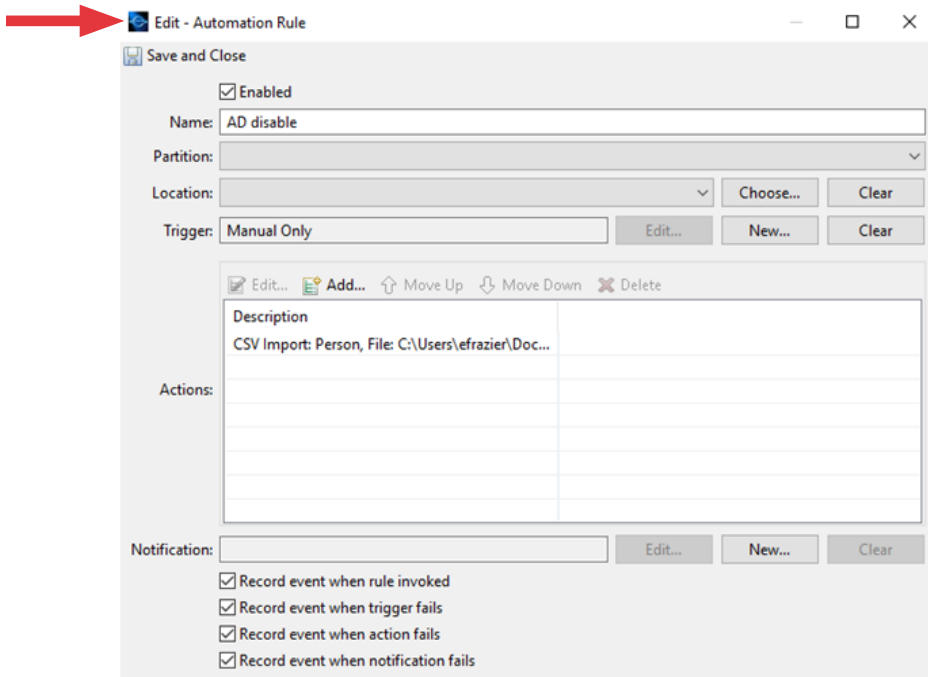
Badges Keys Parking Passes Logins Support Documents

Card #	Validity	Expires	Badge For...	Access Levels
866064637738	Active			

Once the service polls Active Directory and the Entré database again, the service will write any matches to **usersToDisable.csv**.

3

Create and run **Automation Rule** in Entré. This will read in the file **usersToDisable.csv** and the associated **csv.import.properties** file to disable the user in Entré.



The users in the CSV file will be disabled.



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