

Active directory integration

Active directory is usually the centralized location in an organization for the user management. Rediffmail enterprise will be able to integrate with active directory through customized scripts/dlls. These scripts/dlls will be installed on the on-premise AD servers. The active directory server on which these scripts would be installed should be able to connect to Rediffmail enterprise servers on specific port over Internet. The data transmission would always be encrypted using SSL protocol.

1. User creation:

A script can be incorporated in AD such that when a new user is getting created on AD and if the user type is Rediff user then the same user also gets created on the Rediffmail enterprise platform.

Rediffmail enterprise user creation api accepts following attributes of the user. These user attributes can be mapped to user's attributes in active directory.

```
fname=<first_name>
sname=<last_name>
nickname=<nick_name>
code=<employee_code>
mobile=<10_digit_mobile_no>
month=<birth_month>
day=<birth_date>
year=<birth_year>
branch=<branch>
city=<city>
altemail=<alternate_email_id>
designation=<designation>
department=<department>
org_name=<company_name>
url=<company_url>
role=<user_role>
note=<notes>
timezone=Asia%2FKolkata
address=<address>
state=<state>
zip=<6_digit_zip_code>
country_code=91
ph_work=<work_phone_number>
ph_home=<home_phone_number>
fax=<fax_number>
```

2. User edit

If the attributes of the user are changed in AD and if the user type is Rediff user then the script will make similar changes to user profile on Rediffmail enterprise server based on the attribute mapping. The list of the attributes that can be modified is same as attributes listed in user creation

3. User deletion

Whenever a user is deleted from the AD and if the user type is Rediff user then the script running on AD server will also delete the user from Rediffmail enterprise platform

4. User deactivation/reactivation

If the AD has a facility to deactivate the user i.e. user profile exists on AD but user will not be able to use the credentials then script running on AD server will also deactivate the user of Rediffmail enterprise platform. User reactivation can be done in same manner

5. User password change

Whenever a password of a user is changed on AD and if the user type is Rediff user then script running on AD server will change the user's password Rediffmail enterprise platform also. Here we assume that script running on AD server will be able to get the user's changed password in plain text format.