

Sync With LDAP/MSAD

<https://campus.barracuda.com/doc/96019612/>

To sync with LDAP/MSAD you need to configure some parameters according to the vendor you're using. Currently only MSAD is supported, but you can use other configurations using a custom profile. See also [How to Install the CloudGen Access User Directory Connector](#).

MSAD

Example configuration parameters (config.json file) for an MSAD installation:

```
{
  enrollment_token="https://enterprise.fyde.....",
  ldap_host="192.168.1.169",
  ldap_profile="ad",
  ldap_user_search_base="ou=Users,ou=MyOrg,dc=myorg,dc=com",
  ldap_group_search_base="ou=Groups,ou=MyOrg,dc=myorg,dc=com",
  ldap_auth_method="simple",
  ldap_auth_username="User Name",
  ldap_auth_password="password"
}
```

Configuration Parameters

The LDAP-specific parameters are listed in the tables below. See also [General parameters](#). Note that you only need prefix the key with "FYDE_"... and capitalize the rest if you are using an environment variable, but not with a configuration file or a Vx.

Basic Connection And Auth

Key	Default Value	Type	Description
ldap_host		string	LDAP server hostname/IP to connect to
ldap_port	389 or 636 (TLS)	string	LDAP server port to connect to
ldap_auth_method		string	Authentication methods: • anon Anonymous • simple User/password • sasl_external • sasl_kerberos • ntlm
ldap_auth_username		string	Username for simple auth method
ldap_auth_password		string	Password for simple auth method

ldap_auth_sasl_credentials		string	SASL credentials for SASL auth method
ldap_use_starttls	true	bool	Use StartTLS for LDAP
ldap_use_tls	false	bool	Connect to LDAP using TLS
ldap_sni	false	string	Use SNI hostname when using TLS
ldap_privkey		string	Specify private key for TLS auth
ldap_privkey_password		string	Specify private key password for TLS auth
ldap_pubkey		string	Specify public key for TLS auth
ldap_cacerts		string	Specify CA trusted certs
ldap_check_certs	true	bool	Check if server certs are trusted or not
ldap_check_hostname	true	bool	Check hostname on the certificate
ldap_cert_additional_names		string	Specify additional valid hostnames

More Advanced Options

Key	Default Value	Type	Description
ldap_debug_detail_level	error	string	LDAP level debugging levels: Options: • off • error • basic • protocol • network • extended
ldap_profile	ad	string	Enables vendor specific configurations. Options: • ad • custom
ldap_connect_timeout	10	string	Connection timeout for the LDAP server (in seconds)
ldap_receive_timeout	60	string	Receive timeout
ldap_ignore_malformed_schema	false	bool	Ignore errors caused by malformed schemas
ldap_user_search_base		string	Search query to find user objects
ldap_user_class_filter		string	Search base to find user objects
ldap_user_search_scope	subtree	string	Scope to find user objects. Options: • subtree • singlelevel
ldap_user_uuid		string	Specify user UUID attribute
ldap_user_name		string	Attribute to get user name from
ldap_user_phone		string	Attribute to get user phone from
ldap_user_email		string	Attribute to get user email from

ldap_user_disabled_filter		string	Attribute to get user disabled state from
ldap_user_modified		string	Attribute to check user for last modification
ldap_user_deleted_filter		string	Search query to find deleted users
ldap_user_deleted_controls		string	Control OID for user deleted
ldap_group_search_base		string	Search query to find group objects
ldap_group_class_filter		string	Search base to find group objects
ldap_group_search_scope	subtree	string	Scope to find group objects. Options: • subtree • singlelevel
ldap_group_uuid		string	Specify group UUID attribute
ldap_group_name		string	Attribute to get group name from
ldap_group_modified		string	Attribute to check group for last modification
ldap_group_deleted_filter		string	Search query to find deleted groups
ldap_group_deleted_controls		string	Control OID for group deleted
ldap_membership_object	group	string	Scope to find group objects. Options: • user • group
ldap_membership_attribute		string	LDA membership attribute

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