

# Is there a way to provide for failover or load balancing of LDAP servers?

TAC

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### Question

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Is there a way to provide for failover or load balancing of LDAP servers?

The Cisco ESA can be configured to provide failover of multiple LDAP in load balance and fail over mode. Below is an example showing how to add multiple LDAP server entries on the ESA using the *ldapconfig* command from the CLI. When prompted for the hostname, you can enter several hosts, separated by commas:

```
mail.example.com> ldapconfig  
No LDAP server configurations.
```

```
Choose the operation you want to perform:  
- NEW - Create a new server configuration.  
[]> new  
Please create a name for this server configuration (Ex: "PublicLDAP"):  
[]> PublicLDAP2  
Please enter the hostname:  
[]> ldap1.example.com, ldap2.example.com, ldap3.example.com  
Use SSL to connect to the LDAP server? [N]>  
Please enter the port number:  
[389]>  
Please enter the base or enter 'NONE':  
[dc=example,dc=com]>  
Select the authentication method to use for this server configuration:  
1. Anonymous  
2. Password based  
[1]>
```

```
Name: ldapservers  
Hostname: ldap1.example.com,ldap2.example.com,ldap3.example.com Port 389  
Authentication Type: anonymous  
Base:dc=example,dc=com
```

```
Choose the operation you want to perform:  
- SERVER - Change the server for the query.  
- LDAPACCEPT - Configure whether a recipient address should be accepted or  
bounced/dropped.  
- LDAPROUTING - Configure message routing.  
- MASQUERADE - Configure domain masquerading.  
- LDAPGROUP - Configure whether a sender or recipient is in a specified group.  
- SMTPAUTH - Configure SMTP authentication.  
[]>  
Current LDAP server configurations:  
1. ldapservers:(ldap1.example.com,ldap2.example.com,ldap3.example.com:389)
```

```
Choose the operation you want to perform:  
- NEW - Create a new server configuration.
```

- EDIT - Modify a server configuration.
- DELETE - Remove a server configuration.

[ ]>  
mail.example.com> **commit**

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