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Postfix Configure Multiple ISP Client SMTP Authentication

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How do I support multiple ISP accounts ([smarthost](#) ^[2]) in the Postfix SMTP client for relaying email? For example:

- [a] user1@isp1.com must be relay via smtp.isp1.com.
- [b] user1@isp2.com must be relay via smtp.isp2.com.
- [c] me@mycorp.com must relay all my default email via smtp.mycorp.com.

Only Postfix version v2.3+ supports multiple ISP accounts via sender-dependent override for the global relayhost parameter settings. Open your main.cf file:

```
# vi /etc/postfix/main.cf
```

Add or modify the settings as follows:

```
smtp_sender_dependent_authentication = yes
sender_dependent_relayhost_maps = hash:/etc/postfix/relayhost_map
smtp_sasl_auth_enable = yes
smtp_sasl_password_maps = hash:/etc/postfix/passwd
relayhost = [smtp.mycorp.com] :submission
```

Create /etc/postfix/relayhost_map file:

```
# vi /etc/postfix/relayhost_map
```

Append configuration as follows (please note that default smtp.mycorp.com is not included) :

```
# Per-sender provider
user1@isp1.com [smtp.isp1.com]
user1@isp2.com [smtp.isp2.com]
```

Create update /etc/postfix/passwd file as follows:

```
# Per-sender authentication
user1@isp1.com user1@isp1.com:password4isp1
user1@isp2.com user2@isp2.com:password4isp2
# Login for the default relayhost
[smtp.mycorp.com] defaultUsername:defaultPassword
```

Save and close the file. Restart Postfix:

```
# postmap hash:/etc/postfix/passwd
# postmap hash:/etc/postfix/relayhost_map
# /etc/init.d/postfix reload
```

Where,

- **smtp_sender_dependent_authentication = yes** : Enable sender-dependent authentication in the Postfix SMTP client; this is available only with SASL authentication.
- **sender_dependent_relayhost_maps = hash:/etc/postfix/sender_relay** : A sender-dependent override for the global relayhost parameter setting. The tables are searched by the envelope sender address and @domain. A lookup result of DUNNO terminates the search without overriding the global relayhost parameter setting.
- **smtp_sasl_auth_enable = yes** : Enable SASL authentication in the Postfix SMTP client. By default, the Postfix SMTP client uses no authentication.

- **smtp_sasl_password_maps = hash:/etc/postfix/sasl_passwd** : SMTP client lookup tables with one username:password entry per remote hostname or domain, or sender address when sender-dependent authentication is enabled.
- **relayhost = [mail.myisp.net]:submission** : Setup default relay host.

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