

Exchange Online

- [SMTP blocked when using direct send or SMTP relay](#)

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When attempting to set up direct send or an SMTP relay (i.e. sending email without using SMTP authentication), you may encounter the SMTP error message:

```
550 5.7.1 Service unavailable, Client host [a.b.c.d] blocked using Spamhaus
```

If the IP address (or range) is static, you can allow the connection by adding the IP address to the connection filter policy under the IP Allow List in [Anti-Spam policies](#) on the Microsoft Defender portal.

If the IP address doesn't show in the allow list after adding via the UI or you prefer Powershell, connect to Exchange Online Powershell and run

```
Set-HostedConnectionFilterPolicy -Identity Default -IpAllowList IPAddressOrRange
```

This may take a few minutes to take effect.