

Authenticated client SMTP submission

- Check Mail Flow / Transportconfig

Get-TransportConfig | Format-List SmtplibClientAuthenticationDisabled

Set-TransportConfig -SmtplibClientAuthenticationDisabled \$false

<https://docs.microsoft.com/en-us/exchange/clients-and-mobile-in-exchange-online/authenticated-client-smtp-submission>

- Check authenticated client SMTP submission status / mail user / Cas-Mailbox

Set-CASMailbox -Identity **user@domain.com** -SmtplibClientAuthenticationDisabled **\$false**

- Make sure basic Auth below is enabled

get-authenticationpolicy | fl identity,allowbasicauth*

get-authenticationpolicy | set-authenticationpolicy -allowbasicauthSMTP \$true

- Make sure MFA is disabled
- + license + Password (no shared mailbox)
- + legit sender in tenant + From Address + credentials correct
- TLS 1.2 + Port 587

<https://techcommunity.microsoft.com/t5/exchange-team-blog/basic-authentication-and-exchange-online-july-update/ba-p/1530163>

The image shows a Windows PowerShell window on the left and the Exchange Admin Center (EAC) interface on the right. In the PowerShell window, the command `get-authenticationpolicy | select-object identity, allowbasicauthSMTP` is executed, resulting in a list of authentication policies. The policy `BlockBasic63712345678` is highlighted, showing `allowbasicauthSMTP : True`. A green arrow points from this line to the EAC interface. In the EAC, the 'Allow access to basic authentication protocols' section is expanded, showing a list of protocols with checkboxes. The 'Authenticated SMTP' checkbox is checked, and a green box highlights it. A green arrow points from the PowerShell output to this checkbox.

Policy Name	allowbasicauthSMTP
BlockBasic63712345678	True
AllowBasicAuthActiveSync	True
AllowBasicAuthAutodiscover	True
AllowBasicAuthImap	True
AllowBasicAuthMapi	True
AllowBasicAuthOfflineAddressBook	True
AllowBasicAuthOutlookService	True
AllowBasicAuthPop	False
AllowBasicAuthReportingWebServices	True
AllowBasicAuthRest	False
AllowBasicAuthRpc	True
AllowBasicAuthSmtplib	True
AllowBasicAuthWebServices	True
AllowBasicAuthPowerShell	True

Allow access to basic authentication protocols

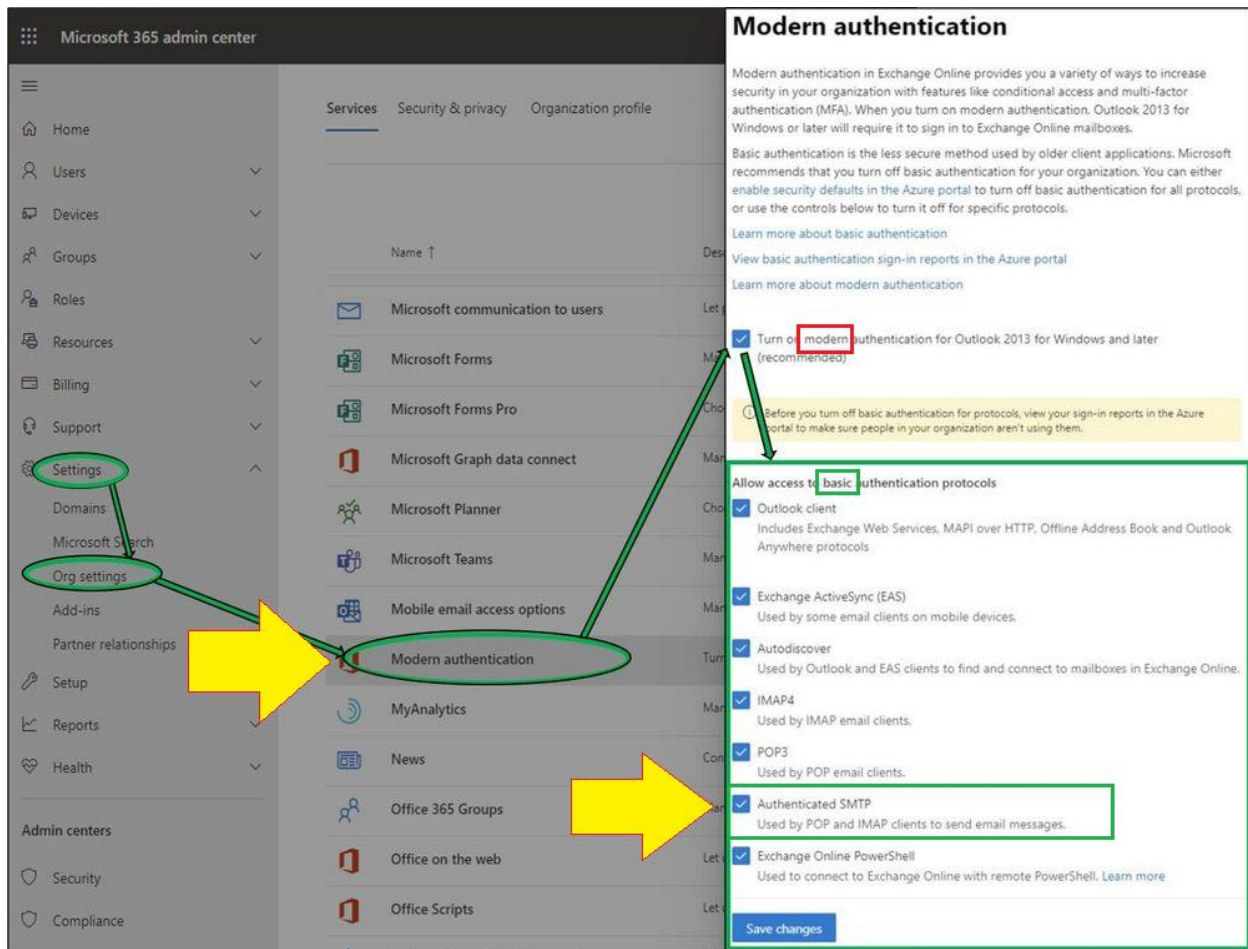
- ☒ Outlook client
Includes Exchange Web Services, MAPI over HTTP, Offline Address Book and Outlook Anywhere protocols
- ☒ Exchange ActiveSync (EAS)
Used by some email clients on mobile devices.
- ☒ Autodiscover
Used by Outlook and EAS clients to find and connect to mailboxes in Exchange Online.
- ☒ IMAP4
Used by IMAP email clients.
- ☐ POP3
Used by POP email clients.
- ☒ Authenticated SMTP
Used by POP and IMAP clients to send email messages.

- Enable Basic Auth for SMTP

get-authenticationpolicy | fl identity,allowbasicauth*

get-authenticationpolicy | set-authenticationpolicy -allowbasicauthSMTP \$true

<https://techcommunity.microsoft.com/t5/exchange-team-blog/basic-authentication-and-exchange-online-july-update/ba-p/1530163>



1.) test

```
Send-MailMessage -SmtpServer 'smtp.office365.com' -From 'sender@domain.com' -To  
'someemail@domain.com' -Subject 'this is a subject' -Body 'this is the body' -UseSsl -Port 587 -  
Credential $credential -Verbose
```

2.) test 2

```
$Cred = Get-Credential  
  
$sendMailParams = @{  
    From = 'sender@domain.com' ## Must be own tenant  
    To = 'someemail@domain.com'  
    Subject = 'some subject'  
    Body = 'some body'  
    SMTPServer = 'smtp.office365.com'  
    SMTPPort = 587  
    UseSsl = $true  
    Credential = $Cred  
}  
  
Send-MailMessage @sendMailParams
```

3.) test 3

<https://www.undocumented-features.com/2018/05/22/send-authenticated-smtp-with-powershell/>