* update certificate to commercial (selfsigned only works if accepted for outlook manually before)
* letsencrypt is for free 3 month just add domains (mail servers autodiscover + domain / web / wildcard)
* run HCW in classic to upload authconfig certificate to Azure  
  <https://github.com/jahube/PShell/tree/master/Oauth>
* logs included
* Teams then uses EvoST authserver to forward authentication to cloud
* teams can only use A record and SRV record autodiscover
* most important is   
  onprem get-authconfig | current thumpprint  
  assign S =SMTP (better also W=IIS) to used certificate  
  test-oauthconnectivity cloud > cloud mailbox vs onprem endpoint
* if 401 <https://github.com/jahube/PShell/blob/master/Oauth/update-certificate.PS1>  
  = scenario 17 > update certificate  
  <https://techcommunity.microsoft.com/legacyfs/online/media/2019/01/FB_Errors.FixesV6.pdf>
* after that EXRCA  
  Outlook  
  <https://testconnectivity.microsoft.com/tests/Ola/input>  
  EWS  
  <https://testconnectivity.microsoft.com/tests/EwsAccess/input>   
  Teams only supports A Record or SRV for Autodiscover NOT CNAME
* Common issue: Test-oauth works but autodiscover EXRCA fails on webserver  
  check certificate   
  <https://www.digicert.com/help/>
* if necessary update certificate in IIS<https://github.com/jahube/Screenshots/blob/master/onprem/IIS-Bindings.png>
* Windows Auth by default is disabled in IIS  
  if negotiate is not offered make sure to enable  
  <https://github.com/jahube/Screenshots/blob/master/onprem/negotiate-A.png><https://github.com/jahube/Screenshots/blob/master/onprem/negotiate-B.png>
* Script to test offered authentication on IIS  
  <https://techcommunity.microsoft.com/t5/exchange-team-blog/troubleshooting-hybrid-migration-endpoints-in-classic-and-modern/ba-p/953006>  
  $req = [System.Net.HttpWebRequest]::Create("https://mail.contoso.com/ews/MRSProxy.svc")

$req.UseDefaultCredentials = $false

$req.GetResponse()

# Expected error: Exception calling "GetResponse" with "0" argument(s):

# "The remote server returned an error: (401) Unauthorized."

$ex = $error[0].Exception

$resp = $ex.InnerException.Response

$resp.Headers["WWW-Authenticate"]

* Rare issue: missing linkedaccount in partnerapplication <https://github.com/jahube/PShell/tree/master/PartnerApplication>