

Departamento de Automática





ARQUITECTURA DE REDES Laboratorio

Práctica 6: Configurar una cuenta de correo para acceder a ella por medio de OpenSSL.

Grado en Ingeniería Informática Curso 2022/23

1. <u>Configurar una cuenta de correo para acceder a ella por</u> <u>medio de OpenSSL:</u>

a) Crear una cuenta de correo Web con la que trabajar.

- Accederemos a la Web https://www.zoho.com/mail/ donde crearemos una cuenta de correo seleccionando *Personal Email*.
- No instalar "Habilite la autenticación en dos fases", omita este paso.
- Toda la información sobre la cuenta de correo se encuentra en "*configuración*", esquina superior derecha. Y en la opción "cuentas de correo" encontramos todos los parámetros para poder acceder a las cuentas a través de los protocolos *smtp*, *pop* e *imap*.

b) Configuración de accesos.

Tendremos que habilitar:

- "Acceso a POP"
- "Acceso a IMAP"
- "Guardar una copia de los correos electrónicos enviados"

Para acceder al servidor a través de **POP**, la configuración que se deberá utilizar será:

	Server/ Host	Port	Mode
[n	pop.zoho.eu995	SSL	
Out	smtp.zoho.eu	465	SSL

Para acceder al servidor a través de **SMTP e IMAP**, la configuración que se deberá utilizar será

	Server/ Host	Port	Mode
In	imap.zoho.eu	993	SSL
Out	smtp.zoho.eu	465	SSL

c) Proceder a realizar la conexión.

Se debe tener presente que hay conexiones en las que es necesario previamente codificar en Base64 el usuario y la contraseña. Disponemos de dos tipos de codificación en base64:

a) La codificación de nuestro Login y Password por separado (auth login)

```
echo -n "mi_login" | openssl enc -base64
LW4gImFycXVpdGFyZGUxIiANCg==
```

```
echo -n "mi_clave" | openssl enc -base64
LW4gIkAxMjM0NTYjIiANCg==
```

b) La codificación de nuestro Login y Password juntos (auth plain)

```
echo -e "\0mi_login\0mi_clave" | base64
AGFycXVpdGFyZGUxQGdtYWlsLmNvbQBAMTIzNDU2Iwo=
```

Ejemplo:

A continuación, es posible conectarse con el servidor para acceder a los mensajes. Por ejemplo, para hacerlo por IMAP, se pueden usar los comandos:

(COMENTARIO: conexión) openssl s client -crlf -connect imap.gmail.com:993 -quiet

(COMENTARIO: hacer login) al login usuario contraseña

(COMENTARIO: listado general) al list "" "*"

(COMENTARIO: información del buzón de entrada) al examine inbox

(COMENTARIO: obtener el cuerpo del mensaje 1) al fetch 1 body[]

(COMENTARIO: obtener parte primera del cuerpo del mensaje 1) al fetch 1 body.peek[1]

etc...

2. Ejemplos de accesos a través de OpenSSL:

a) Enviar correos con IMAP y OpenSSL.

As the port-number normally is 993, an example OpenSSL command would be <code>openssl s_client - connect imap.example.com:993 -quiet</code>. (If you would like to see the public key of the server, as well as some other encryption-related information, omit *-quiet*.) The server should then start an IMAP session, displaying a greeting such as the * OK Dovecot ready example below.

A continuación comenzamos a realizar el acceso tipo:

jm@jm-VirtualBox:~\$ openssl s_client -crlf -connect imap.zoho.eu:993 CONNECTED(00000005)

```
depth=2 C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global
Root G2
verify return:1
depth=1 C = US, O = DigiCert Inc, OU = www.digicert.com, CN = Thawte TLS RSA
CA G1
verify return:1
depth=0 CN = *.zoho.eu
verify return:1
Certificate chain
0 s:CN = *.zoho.eu
i:C = US, O = DigiCert Inc, OU = www.digicert.com, CN = Thawte TLS RSA CA G1
1 s:C = US, O = DigiCert Inc, OU = www.digiCert.com, CN = Thawte TLS RSA CA G1
i:C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global Root
G2
Server certificate
----BEGIN CERTIFICATE----
```

```
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```

MIIGCzCCBPOgAwIBAgIQAYxE7eDl2Qbi36g6bEs1pDANBgkqhkiG9w0BAQsFADBe MQswCQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNlcnQqSW5jMRkwFwYDVQQLExB3 d3cuZGlnaWNlcnQuY29tMR0wGwYDVQQDExRUaGF3dGUgVExTIFJTQSBDQSBHMTAe Fw0yMjAyMTQwMDAwMDBaFw0yMzAzMDkyMzU5NTlaMBQxEjAQBgNVBAMMCSouem9o by5ldTCCASIwDOYJKoZIhvcNAOEBBOADggEPADCCAOoCggEBALs+O18mwUnTFviH ZaKThRpNhPhbvRKWH1yRd93pAIXVKnvyOBc0Ya2iNxUeV0sPHxDBTnIJ3f16xIc6 6ZR4VW2+Hhtb8qGP7iZq+osRHZol34sw2zeQc4bzULzs24qY6568dLiRTzKaOBuf LH5ZjBtgAuJWEO16UI3MxHbQRsXvyY7WJgkg0MOBH1Fmyvi8VVivbDyUCTU8S3pv r5igRHaQ+N8v8YZIjkX+12+5kX1CpbYW/1eCaHvc19kQ/1r/qV8T/yf7vBVdJmYp BAMARzBFAiB2ZHtnsR0fHGww9kVb/0PdunjawQMVZFKhxjnpDS0cGgIhANdxpLVe OedajmrfrzVEF0H+clW55RPbS45AMIadvOV3MA0GCSqGSIb3DQEBCwUAA4IBAQCq 6n0sa65MofKfG5T+/CUY+gs86W368+xJoYR+BMslQ199ft+MJ8UhpKq118zeIsZL IE9OhsVYCc1QCMylFrzsamETzVLTOTnJeaZSLevk8LOwst7sRL45N7sMBnJ0FnnF LxgLK5qIcezyyybHfmOAnxCvAfMjEu9vtEcgXnzhWUulIqNJ5SxVhr8QrorG7thZ HUNjkaOkIhieS2nD/AcqJMZYOoE9AOL33tqR8CfuX1yONIJtqts81I6bfEcVSVME oqpG2INH8117q5B0/QKe/QGtCZeJ1d214BCAePhuuGgQo31ZMNpqZ2xtCsVxFCA/ 7TwYbJeR71Kh7nMV7nkK ----END CERTIFICATE---subject=CN = *.zoho.eu issuer=C = US, O = DigiCert Inc, OU = www.digicert.com, CN = Thawte TLS RSA CA G1 No client certificate CA names sent Peer signing digest: SHA256 Peer signature type: RSA-PSS Server Temp Key: X25519, 253 bits SSL handshake has read 3398 bytes and written 435 bytes Verification: OK New, TLSv1.0, Cipher is ECDHE-RSA-AES256-SHA Server public key is 2048 bit Secure Renegotiation IS supported Compression: NONE Expansion: NONE No ALPN negotiated SSL-Session: Protocol : TLSv1.2 : ECDHE-RSA-AES256-SHA Cipher Session-ID: 58054C7288416FEFF456D6CA1CFDB591B1B69EC133138671D0C911FF6CD9376C Session-ID-ctx: Master-Key: 7FA468C2BE54B03091029BC8618814A82F37C7476187150CF301EC7D7777DD510F3AF23F91144A FF60F65FDFC4B7265C PSK identity: None PSK identity hint: None SRP username: None TLS session ticket lifetime hint: 14400 (seconds) TLS session ticket: 0000 - 7b 69 4e 3f 02 a2 26 1e-09 cd 07 98 1c 49 b5 52 {iN?..&....I.R 0010 - 88 a9 12 ac 3a 96 48 0a-ed f5 90 64 c3 c5 bb 6bk 0020 - 81 d3 7d 4f c5 41 63 d5-c6 00 4a 51 32 4a ff d9 ..}0.Ac...JQ2J.. 0030 - aa 83 30 67 b5 b0 72 dc-70 39 ee 86 0d 09 0f 72 ..0g..r.p9....r 0040 - 8b fd 70 a7 85 d6 95 33-f2 eb df 88 dd 56 6e 2f ..p....3.....Vn/ ...6k...p`'....eP*. 0050 - c8 e2 36 6b 88 af 70 60-27 a4 ed d6 65 50 2a 16 0060 - b5 39 f8 27 8e 26 26 34-1f 8b 46 13 59 4e a6 b7 .9.'.&&4..F.YN.. 0070 - 58 57 05 b7 df 82 e4 11-94 72 dd 7e 85 c1 a5 78 XW....x 0080 - 6f 3d 4f 67 el 7a 86 d8-9d 11 69 71 14 a7 87 62 o=Og.z...iq...b 0090 - 0d fb a8 a2 c3 36 31 06-21 59 d0 c9 8e 07 15 6aj "n.7.@7._../x.~. 00a0 - 22 6e c0 37 f0 40 37 fa-5f a7 16 2f 78 b3 7e ef Start Time: 1670886010 Timeout : 7200 (sec) Verify return code: 0 (ok) Extended master secret: yes

```
* OK svwall.zoho.com IMAP4 Server (Zoho Mail IMAP4rev1 Server version 1.0)
a login arquitarde ######## (sustituimos ###### por el PW de nuestra cuenta)
* CAPABILITY IMAP4rev1 UNSELECT CHILDREN XLIST NAMESPACE IDLE MOVE ID
AUTH=PLAIN SASL-IR UIDPLUS ESEARCH LIST-EXTENDED LIST-STATUS WITHIN LITERAL-
APPENDLIMIT=20971520 CONDSTORE
a OK Success
a list "" "*"
* LIST (\HasNoChildren) "/" "INBOX"
* LIST (\Noinferiors \Drafts) "/" "Drafts"
* LIST (\Noinferiors) "/" "Templates"
* LIST (\HasNoChildren) "/" "Snoozed"
* LIST (\Noinferiors \Sent) "/" "Sent"
* LIST (\Noinferiors \Junk) "/" "Spam"
* LIST (\HasNoChildren \Trash) "/" "Trash"
* LIST (\HasNoChildren) "/" "Notification"
* LIST (\HasNoChildren) "/" "Newsletter"
a OK Success
a select INBOX
4 EXISTS
* 1 RECENT
* OK [UNSEEN 1]
* OK [UIDVALIDITY 1] UIDs valid
* OK [UIDNEXT 5] Predicted next UID
* OK [HIGHESTMODSEQ 100000000000000]
* FLAGS (\Answered \Flagged \Deleted \Seen \Draft)
* OK [PERMANENTFLAGS (\* \Answered \Flagged \Deleted \Seen \Draft)] Permanent
flags
a OK [READ-WRITE] SELECT completed
a fetch 1 body
* 1 FETCH (BODY (("TEXT" "PLAIN" ("charset" "UTF-8") NIL NIL "QUOTED-
PRINTABLE" 1256 64)("TEXT" "HTML" ("charset" "UTF-8") NIL NIL "QUOTED-
PRINTABLE" 12175 156) "ALTERNATIVE"))
a OK Success
a logout
* BYE IMAP4rev1 Server logging out
a OK Success
closed
```

b) Enviar correos con SMTP y OpenSSL.

Disponemos de dos tipos de codificación en base64:

1°) La codificación de nuestro *Login y Password* por separado

```
echo -n "milogin" | openssl enc -base64
echo -n "arquitarde" | openssl enc -base64
LW4gImFycXWpdGFyZGUxIiANCg==
echo -n "miclave" | openssl enc -base64
echo -n "#########" | openssl enc -base64
LW4gIkAxMjM0ETYjliANCg==
```

2°) La codificación de nuestro Login y Password juntos

```
echo -e "\0arquitarde\0########" | base64
AGFycXVpdGFyZGUxQGdtYWIsLmNvbQBEMTIzNDU2Iwo=
```

O bien.

echo -ne "\0arquitarde\0#########" | base64 AGFycXVpdGFyZGUxQGdtYWIsLmNvbQBEMTIzNDU2Iwo=

A continuación comenzamos a realizar el acceso del tipo:

```
jm@jm-VirtualBox:~$ openss1 s client -crlf -connect smtp.zoho.eu:465
CONNECTED (0000005)
depth=2 C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global
Root G2
verify return:1
depth=1 C = US, O = DigiCert Inc, OU = www.digicert.com, CN = Thawte TLS RSA
CA G1
verify return:1
depth=0 CN = *.zoho.eu
verify return:1
Certificate chain
 0 s:CN = *.zoho.eu
   i:C = US, O = DigiCert Inc, OU = www.digicert.com, CN = Thawte TLS RSA CA
G1
1 s:C = US, O = DigiCert Inc, OU = www.digicert.com, CN = Thawte TLS RSA CA
G1
  i:C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global
Root G2
Server certificate
----BEGIN CERTIFICATE----
MIIGCzCCBPOqAwIBAqIQAYxE7eDl2Qbi36q6bEs1pDANBqkqhkiG9w0BAQsFADBe
MQswCQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNlcnQgSW5jMRkwFwYDVQQLExB3
d3cuZGlnaWNlcnQuY29tMR0wGwYDVQQDExRUaGF3dGUgVExTIFJTQSBDQSBHMTAe
Fw0yMjAyMTQwMDAwMDBaFw0yMzAzMDkyMzU5NTlaMBQxEjAQBgNVBAMMCSouem9o
by5ldTCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBALs+Ql8mwUnTFviH
ZaKThRpNhPhbvRKWH1yRd93pAIXVKnvyOBc0Ya2iNxUeV0sPHxDBTnIJ3f16xIc6
6ZR4VW2+Hhtb8gGP7iZq+osRHZol34sw2zeQc4bzULzs24gY6568dLiRTzKaOBuf
LH5ZjBtqAuJWE016UI3MxHbQRsXvyY7WJqkq0M0BH1Fmyvi8VVivbDyUCTU8S3pv
r5igRHaQ+N8v8YZIjkX+12+5kX1CpbYW/1eCaHvc19kQ/1r/qV8T/yf7vBVdJmYp
Ltvng1dexrDWkJ2W32bboXDcs5iEFqS56ZHuRn09OaU+4eDkAVxQGk7J0uF233E8
ejWoyT8CAwEAAaOCAw0wqqMJMB8GA1UdIwQYMBaAFKWM/jLM6w8s1BnGCLqAJIhd
w8W3MB0GA1UdDgQWBBRTa7zpYrUhLEv7LOs9CQIb3GGkrjAdBgNVHREEFjAUggkq
LnpvaG8uZXWCB3pvaG8uZXUwDqYDVR0PAQH/BAQDAqWqMB0GA1UdJQQWMBQGCCsG
AQUFBwMBBggrBgEFBQcDAjA7BgNVHR8ENDAyMDCgLqAshipodHRwOi8vY2RwLnRo
YXd0ZS5jb20vVGhhd3R1VExTU1NBQ0FHMS5jcmwwPgYDVR0gBDcwNTAzBgZngQwB
AqEwKTAnBqqrBqEFBQcCARYbaHR0cDovL3d3dy5kaWdpY2VydC5jb20vQ1BTMHAG
CCsGAQUFBwEBBGQwYjAkBggrBgEFBQcwAYYYaHR0cDovL3N0YXR1cy50aGF3dGUu
Y29tMDoGCCsGAQUFBzAChi5odHRwOi8vY2FjZXJ0cy50aGF3dGUuY29tL1RoYXd0
ZVRMU1JTQUNBRzEuY3J0MAkGA1UdEwQCMAAwqqF9BqorBqEEAdZ5AqQCBIIBbQSC
AWkBZwB2AOg+0No+9QY1MudXKLyJa8kD08vREWvs62nhd31tBr1uAAABfvYRE3MA
AAQDAEcwRQIgdyR02ywXprwKi6hnpYwN63I52YUFdD0eQ2hSZZtzg2ECIQDeXDXy
18NRAqU8pFXNDQAmBh4cq6XTEdR6SLzZ2RbqvgB1ADXPGRu/sWxXvw+tTG1Cy7u2
JyAmUeo/4SrvqAPDO9ZMAAABfvYRE60AAAQDAEYwRAIgPxGvBMD+/gV7uSfW5fkj
XcM9MoFutMKjmmCeqYk8LMACIAlrBwlXdxNB1XYvxLrexsxObn9hZTmMRZBn9BJk
+V7tAHYAs3N3B+GEUPhjhtYFqdwRCUp5LbFnDAuH3PADDnk2pZoAAAF+9hET0gAA
BAMARzBFAiB2ZHtnsR0fHGww9kVb/0PdunjawQMVZFKhxjnpDS0cGgIhANdxpLVe
OedajmrfrzVEF0H+c1W55RPbs45AMIadvOV3MA0GCsqGSIb3DQEBCwUAA4IBAQCq
6n0sa65MofKfG5T+/CUY+qs86W368+xJoYR+BMslQ199ft+MJ8UhpKq118zeIsZL
IE9OhsVYCc1QCMylFrzsamETzVLTOTnJeaZSLevk8LOwst7sRL45N7sMBnJ0FnnF
LxqLK5qIcezyyybHfmOAnxCvAfMjEu9vtEcqXnzhWUulIqNJ5SxVhr8QrorG7thZ
HUNjkaOkIhieS2nD/AcqJMZYOoE9AOL33tqR8CfuX1yONIJtqts81I6bfEcVSVME
oqpG2INH8117q5B0/QKe/QGtCZeJ1d214BCAePhuuGgQo31ZMNpqZ2xtCsVxFCA/
7TwYbJeR71Kh7nMV7nkK
----END CERTIFICATE----
subject=CN = *.zoho.eu
```

issuer=C = US, O = DigiCert Inc, OU = www.digicert.com, CN = Thawte TLS RSA CA G1 No client certificate CA names sent Peer signing digest: SHA256 Peer signature type: RSA-PSS Server Temp Key: X25519, 253 bits ___ SSL handshake has read 3398 bytes and written 435 bytes Verification: OK New, TLSv1.0, Cipher is ECDHE-RSA-AES256-SHA Server public key is 2048 bit Secure Renegotiation IS supported Compression: NONE Expansion: NONE No ALPN negotiated SSL-Session: Protocol : TLSv1.2 Cipher : ECDHE-RSA-AES256-SHA Session-ID: E393B134D2E98F9544A99123B2B60EB28FBE24366BE1F312DEA7CD143F348F1A Session-ID-ctx: Master-Key: A5B60378EF3BC687A740ADF7DB916548B82DBCCBE621D2040803053472C0B9AC2DD9CBBEEB5D5E 83459008A389D056DE PSK identity: None PSK identity hint: None SRP username: None TLS session ticket lifetime hint: 14400 (seconds) TLS session ticket: 0000 - 7b 69 4e 3f 02 a2 26 1e-09 cd 07 98 1c 49 b5 52 {iN?...&....I.R 0010 - 92 6c 5a 84 7a 0b 91 11-98 d9 0d 75 a6 96 3a 3c .lZ.z....u..:< 0020 - 6c 44 c1 5d da 64 f2 ee-6b c3 57 b5 fb a5 2a al lD.].d..k.W...*. 0030 - 31 0a 59 78 c4 06 16 53-80 78 64 96 39 c9 b4 c6 1.Yx...S.xd.9... 0040 - 91 a3 0c fe 5f 18 f0 72-63 10 05 cb a6 d7 f7 ef_..rc..... 0050 - 4f 0d 9c 6a 33 50 bc 6a-25 86 2f 7b 89 20 b7 a5 0..j3P.j%./{. .. 0060 - fc 66 56 2e 9e el 50 df-f8 bc 41 99 e8 23 42 20 .fV...P...A..#B .?....Y 0070 - a6 3f ab 8e aa 3a d9 49-60 8b e8 34 d7 ea 05 59 0080 - 1e 34 32 e1 07 27 5c 27-33 5a dd 6c 78 ef 48 dd .42...'\'3Z.lx.H. 0090 - f6 41 0c e4 ae 5e c7 45-00 de 70 6e 60 e3 1c ca .A...^.E..pn`... 00a0 - 52 b5 d5 7b 69 5e 14 c4-72 cd 2c 06 63 17 97 c9 R..{i^..r.,.c... Start Time: 1670885339 Timeout : 7200 (sec) Verify return code: 0 (ok) Extended master secret: yes 220 mx.zoho.eu SMTP Server ready December 12, 2022 11:48:59 PM CET auth plain 503 Must issue a EHLO/HELO command first. ehlo arquitarde 250-mx.zoho.eu Hello arquitarde (208.red-80-29-37.staticip.rima-tde.net (80.29.37.208)) 250-AUTH LOGIN PLAIN 250 SIZE 53477376 auth plain 334 AGFycXVpdGFyZGUxQGdtYVlsLmNvbQBAETIzNDU2Iwo= 235 Authentication Successful mail from:<arguitarde@zohomail.eu> 250 Sender <arquitarde@zohomail.eu> OK rcpt to:<jmruiz@gmail.com> 250 Recipient <jmruiz@gmail.com> OK data 354 Ok Send data ending with <CRLF>.<CRLF>

Subject: "prueba" Hola mundo . 250 Message received quit 221 mx.zoho.eu closing connection closed

c) Recibir correos con POP y OpenSSL.

A continuación comenzamos a realizar el acceso del tipo:

```
jm@jm-VirtualBox:~$ openssl s client -crlf -connect pop.zoho.eu:995
CONNECTED (0000005)
depth=2 C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global
Root G2
verify return:1
depth=1 C = US, O = DigiCert Inc, OU = www.digicert.com, CN = Thawte TLS RSA
CA G1
verify return:1
depth=0 CN = *.zoho.eu
verify return:1
Certificate chain
 0 s:CN = *.zoho.eu
   i:C = US, O = DigiCert Inc, OU = www.digicert.com, CN = Thawte TLS RSA CA
G1
 1 s:C = US, O = DigiCert Inc, OU = www.digicert.com, CN = Thawte TLS RSA CA
G1
   i:C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global
Root G2
_ _ _
Server certificate
----BEGIN CERTIFICATE----
MIIGCzCCBPOgAwIBAgIQAYxE7eDl2Qbi36g6bEs1pDANBgkqhkiG9w0BAQsFADBe
MQswCQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUN1cnQgSW5jMRkwFwYDVQQLExB3
d3cuZGlnaWNlcnQuY29tMR0wGwYDVQQDExRUaGF3dGUgVExTIFJTQSBDQSBHMTAe
Fw0yMjAyMTQwMDAwMDBaFw0yMzAzMDkyMzU5NTlaMBQxEjAQBgNVBAMMCSouem9o
by5ldTCCASIwDQYJKoZIhvcNAQEBBQADqqEPADCCAQoCqqEBALs+Ql8mwUnTFviH
ZaKThRpNhPhbvRKWH1yRd93pAIXVKnvyOBc0Ya2iNxUeV0sPHxDBTnIJ3f16xIc6
6ZR4VW2+Hhtb8gGP7iZq+osRHZol34sw2zeQc4bzULzs24gY6568dLiRTzKaOBuf
LH5ZjBtqAuJWE016UI3MxHbQRsXvyY7WJqkq0M0BH1Fmyvi8VVivbDyUCTU8S3pv
r5igRHaQ+N8v8YZIjkX+12+5kX1CpbYW/1eCaHvc19kQ/1r/qV8T/yf7vBVdJmYp
Ltvnq1dexrDWkJ2W32bboXDcs5iEFqS56ZHuRn09OaU+4eDkAVxQGk7J0uF233E8
ejWoyT8CAwEAAaOCAw0wggMJMB8GA1UdIwQYMBaAFKWM/jLM6w8s1BnGCLgAJIhd
w8W3MB0GA1UdDgQWBBRTa7zpYrUhLEv7LOs9CQIb3GGkrjAdBgNVHREEFjAUggkq
LnpvaG8uZXWCB3pvaG8uZXUwDqYDVR0PAQH/BAQDAqWqMB0GA1UdJQQWMBQGCCsG
AQUFBwMBBggrBgEFBQcDAjA7BgNVHR8ENDAyMDCgLqAshipodHRwOi8vY2RwLnRo
YXd0ZS5jb20vVGhhd3R1VExTU1NBQ0FHMS5jcmwwPgYDVR0gBDcwNTAzBgZngQwB
AqEwKTAnBqqrBqEFBQcCARYbaHR0cDovL3d3dy5kaWdpY2VydC5jb20vQ1BTMHAG
CCsGAQUFBwEBBGQwYjAkBggrBgEFBQcwAYYYaHR0cDovL3N0YXR1cy50aGF3dGUu
Y29tMDoGCCsGAQUFBzAChi5odHRwOi8vY2FjZXJ0cy50aGF3dGUuY29tL1RoYXd0
ZVRMU1JTQUNBRzEuY3J0MAkGA1UdEwQCMAAwqqF9BqorBqEEAdZ5AqQCBIIBbQSC
AWkBZwB2AOg+0No+9QY1MudXKLyJa8kD08vREWvs62nhd31tBr1uAAABfvYRE3MA
AAQDAEcwRQIqdyR02ywXprwKi6hnpYwN63I52YUFdD0eQ2hSZZtzq2ECIQDeXDXy
18NRAqU8pFXNDQAmBh4cq6XTEdR6SLzZ2RbqvgB1ADXPGRu/sWxXvw+tTG1Cy7u2
JyAmUeo/4SrvqAPDO9ZMAAABfvYRE60AAAQDAEYwRAIqPxGvBMD+/qV7uSfW5fkj
XcM9MoFutMKjmmCeqYk8LMACIAlrBwlXdxNB1XYvxLrexsxObn9hZTmMRZBn9BJk
+V7tAHYAs3N3B+GEUPhjhtYFqdwRCUp5LbFnDAuH3PADDnk2pZoAAAF+9hET0gAA
BAMARzBFAiB2ZHtnsR0fHGww9kVb/0PdunjawQMVZFKhxjnpDS0cGgIhANdxpLVe
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list 1 +OK 1 13751 retr 1 From: welcome@zoho.eu Subject: Welcome to Zoho Mail MIME-Version: 1.0 Content-Type: multipart/alternative; boundary="---=_Part_565525_675833552.1665384326498" Importance: Medium User-Agent: Zoho Mail X-Mailer: Zoho Mail To: arguitarde@zohomail.eu Date: Mon, 12 Dec 2022 19:41:21 +0100 Message-ID: <1076708326.9706.1670870481380@[172.26.15.214]> X-ZohoMail-Sender: welcome@zoho.eu X-ZM-MESSAGEID: 1670870481425000001 -----= Part 565525 675833552.1665384326498 Content-Type: text/plain; charset="UTF-8" Content-Transfer-Encoding: quoted-printable Hello Arqui, We are happy to have you onboard! Join our webinar sessions to discover the power of Zoho Mail. https://www.zoho.com/mail/webinars/?src=3Dzmwelcome https://www.zoho.com/ma= il/webinars/recorded-webinars.html?src=3Dzmwelcome These are some additional resources you can use to help kick start your jou= rney with Zoho Mail. https://www.zoho.com/mail/complete-guide-to-setup-zohomail.html?src=3Dzmwel= come https://www.zoho.com/mail/deployment/?src=3Dzmwelcome https://www.zoho.com/mail/migration/?src=3Dzmwelcome We roll out feature enhancements every day. You can catch up with all our latest updates here. https://www.zoho.com/mail/whats-new.html?src=3Dzmwelcome In case you need further assistance, write to us on mailto:support@zohomail= ..com Thank you, Zoho Mail Team Follow us on https://www.facebook.com/zoho/ https://twitter.com/zohomail?l= ang=3Den https://www.linkedin.com/company/zoho-mail/?originalSubdomain=3Din= https://www.instagram.com/zoho/ https://www.youtube.com/c/ZohoMailofficial= =20You have received this email because you have signed up for Zoho Mail. =C2=A9 2022. Zoho Corporation Pvt. Ltd. All rights reserved. -----= Part 565525 675833552.1665384326498 Content-Type: text/html; charset="UTF-8" Content-Transfer-Encoding: quoted-printable <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"><html><head>= <meta content=3D"text/html;charset=3DUTF-8" http-equiv=3D"Content-Type"></h= ead><body ><div style=3D"font-family: Verdana, Arial, Helvetica, sans-serif= ; font-size: 10pt;"><table cellpadding=3D"0" cellspacing=3D"0" width=3D"100=

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quit

+OK mx.zoho.eu Service closing transmission channel closed