

hMailServer y LDAP con dominio de Windows Server



hMailServer



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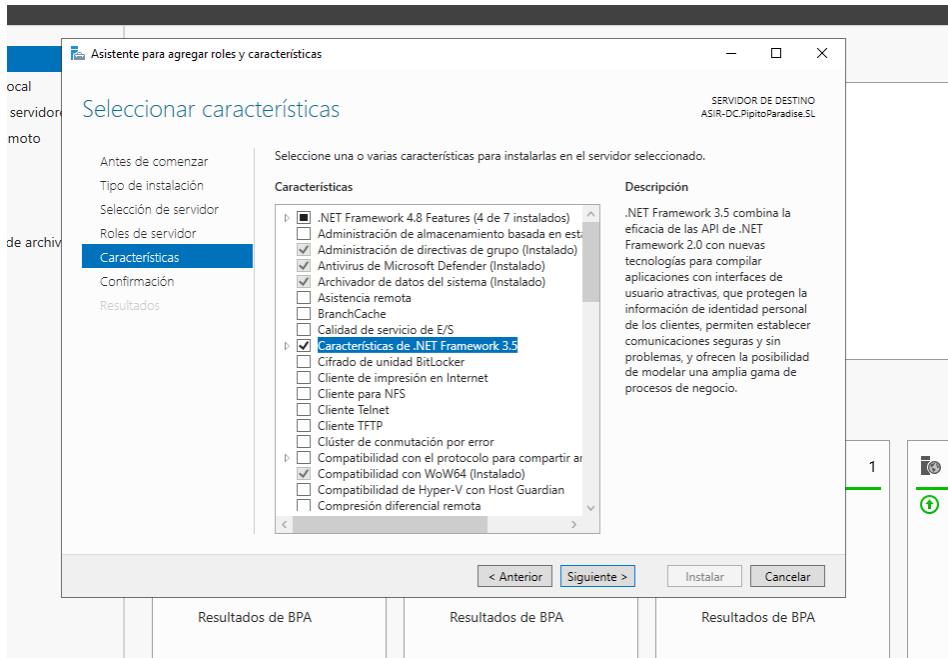
Índice

<u>hMailServer y LDAP con dominio de Windows Server.....</u>	<u>1</u>
<u>COMIENZO.....</u>	<u>2</u>
<u>Descargar mozilla thunderbird de la página oficial.....</u>	<u>3</u>
<u>Descargar hmailserver de la página oficial.....</u>	<u>3</u>
<u>CONFIGURACIÓN HMAILSERVER.....</u>	<u>4</u>
<u>CREAR REGLAS DE ENTRADA EN EL CORTAFUEGOS DEL SERVIDOR.....</u>	<u>6</u>
<u>AGREGAR USUARIOS EN THUNDERBIRD.....</u>	<u>9</u>
<u>DESHABILITAR POP3 EN HMAILSERVER.....</u>	<u>11</u>
<u>Prueba envio Email por THUNDERBIRD.....</u>	<u>12</u>
<u>Revisión LOGS.....</u>	<u>13</u>
<u>BIBLIOGRAFIA.....</u>	<u>14</u>

COMIENZO

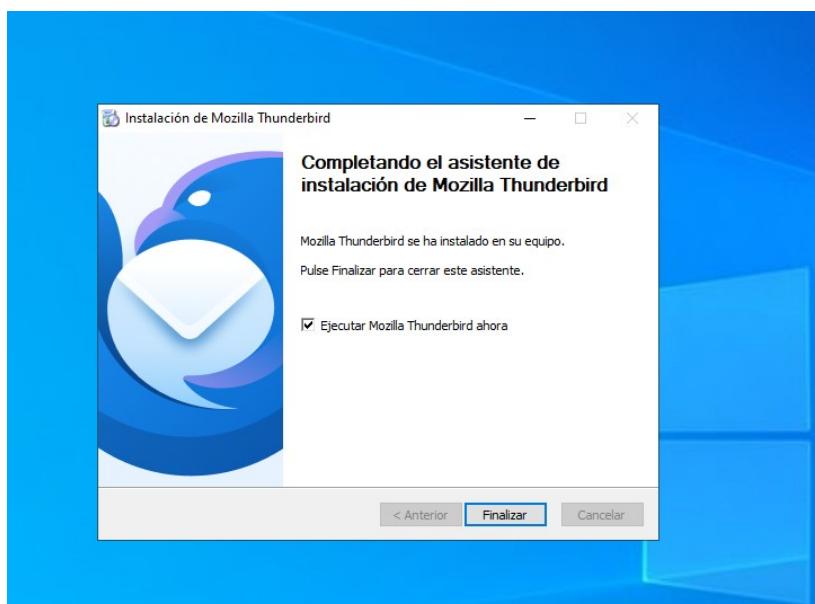
Para el controlador de dominio (DC):

- Agregar “características de .NET Framework 3.5” en el server



Descargar mozilla thunderbird de la página oficial

- <https://www.thunderbird.net/es-ES/thunderbird/all/>

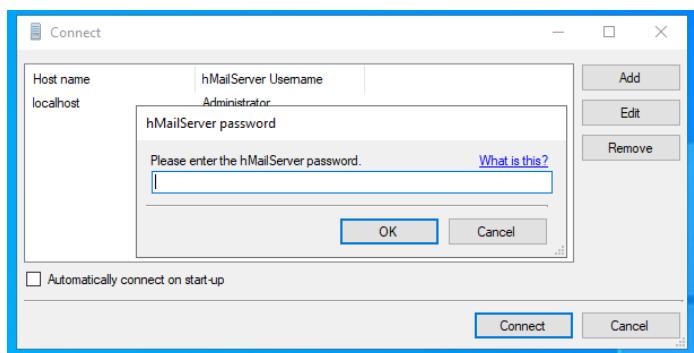
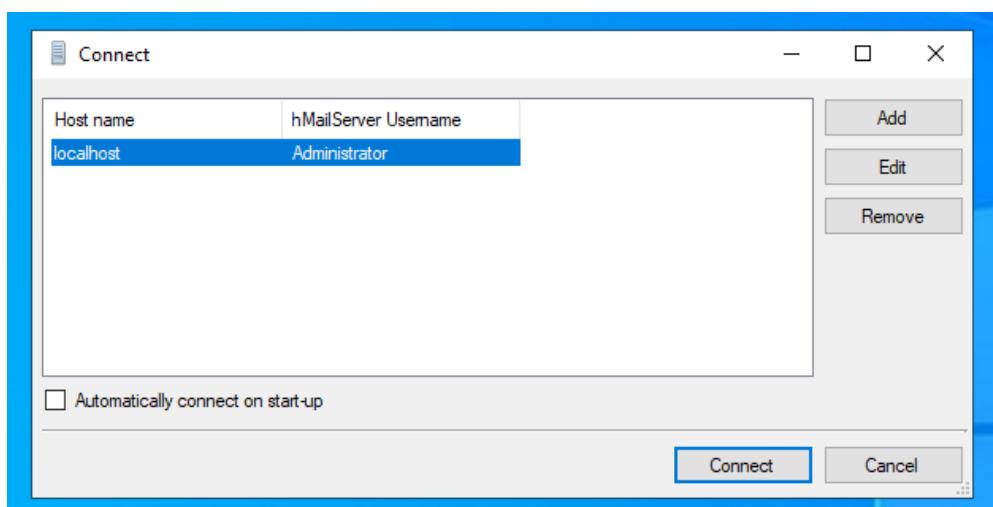
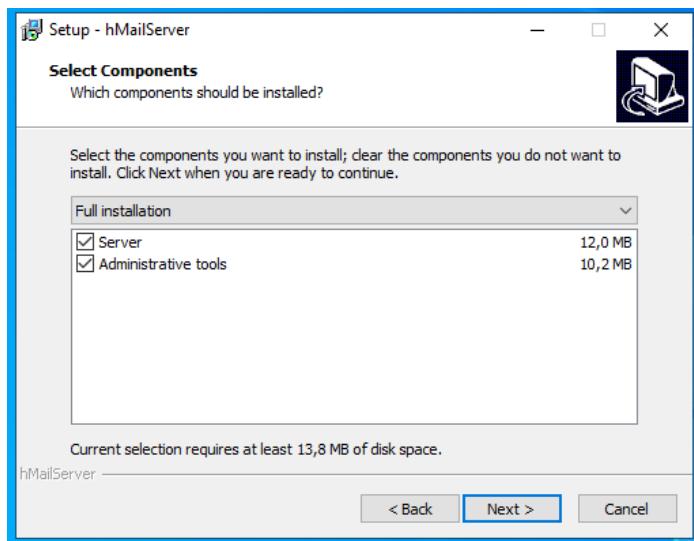


Descargar hmailserver de la página oficial

- o <https://www.hmailserver.com/download>

CONFIGURACIÓN HMAILSERVER

Proceso instalación hMailServer

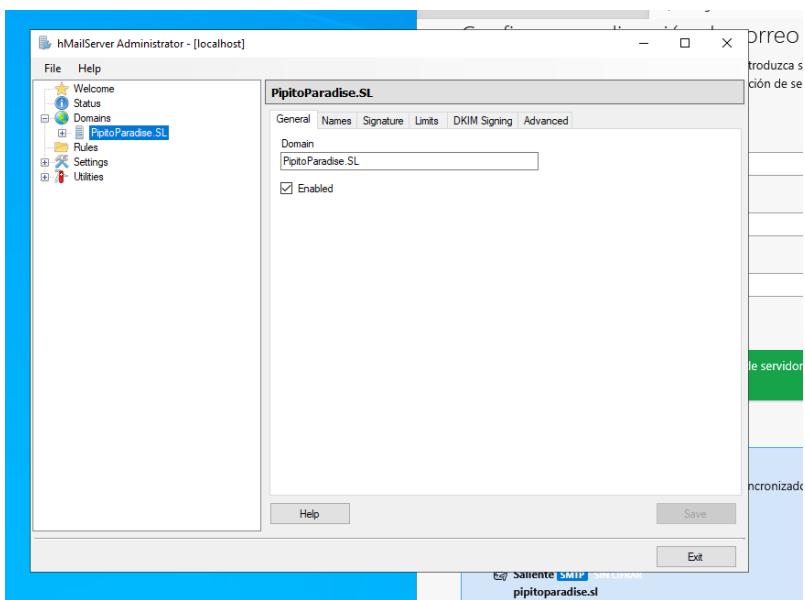
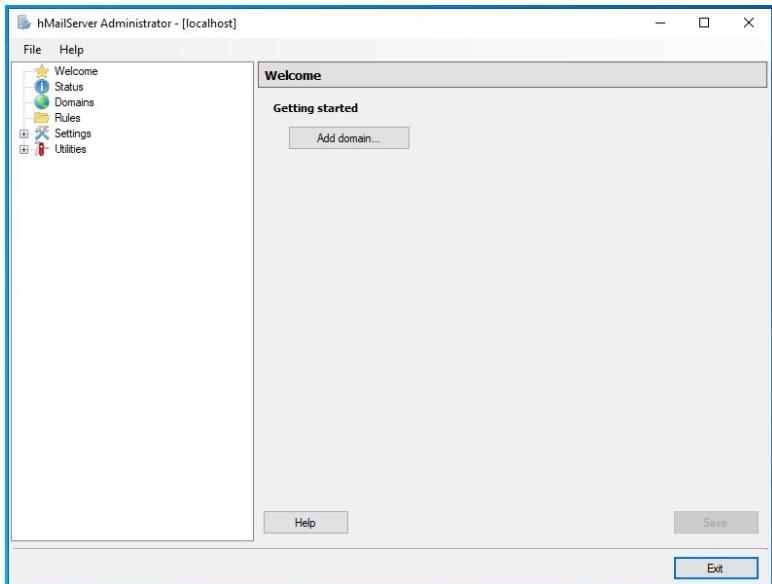


Ejecutamos hmailserver

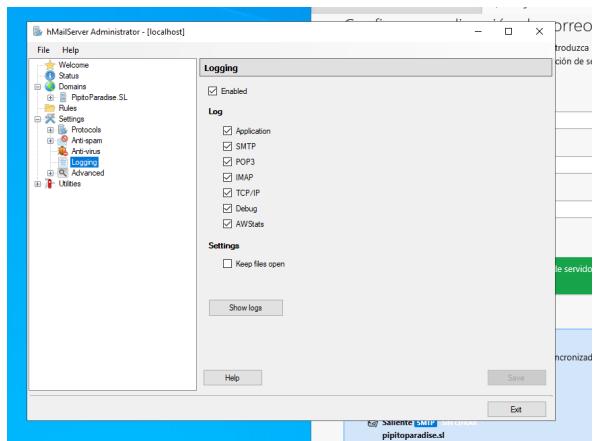
Conectamos al servidor local (localhost) e indicamos nuestra contraseña

Al iniciar, ya podemos añadir nuestro dominio (add domain) PipitoParadise.SL desde la pestaña “welcome”

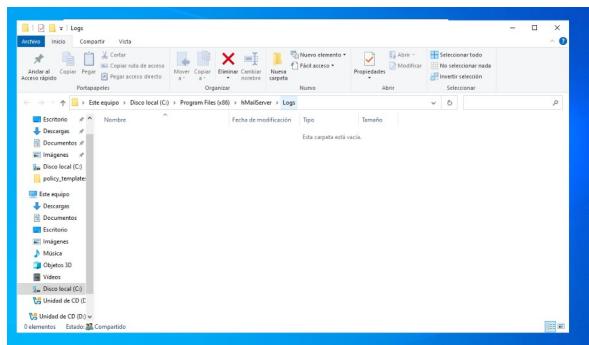
Y podremos ver cómo se agrega



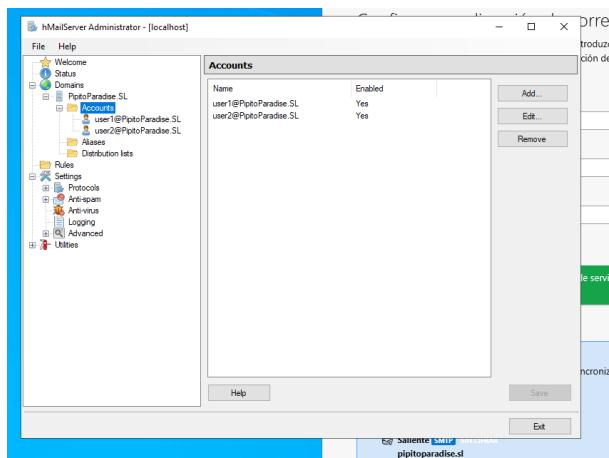
Comenzamos por “Logging” Para un monitoreo eficiente, marcamos todos los log disponibles



Presionamos show logs y nos llevará a la carpeta donde se guardarán los registros del servidor.



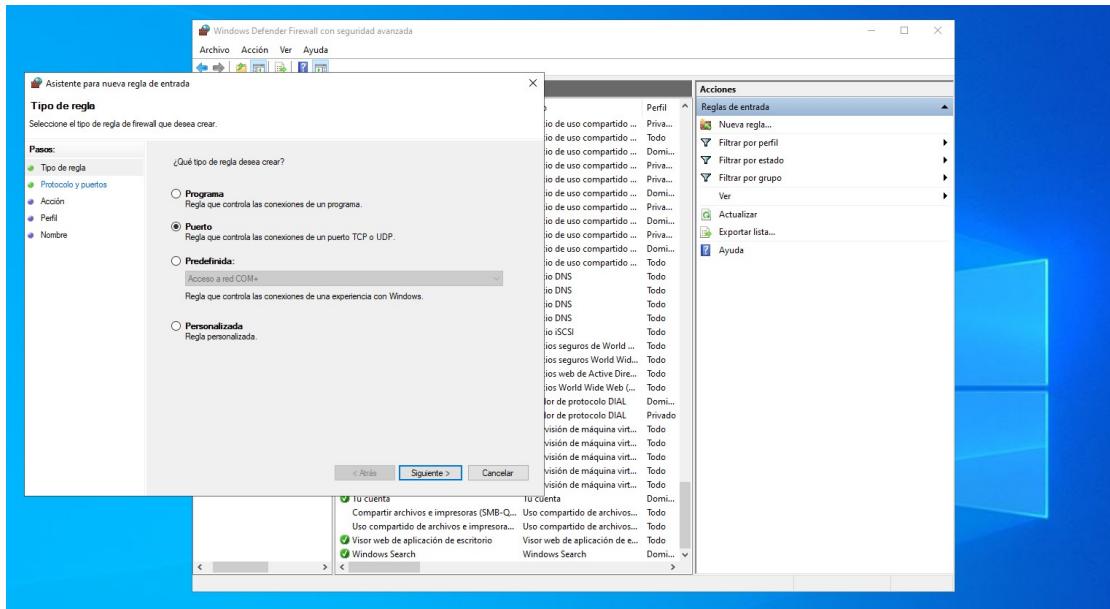
Desde Domains/PIPITOPARADISE.SL.LOCAL/Accounts creamos dos usuarios de prueba “user1” y “user2”



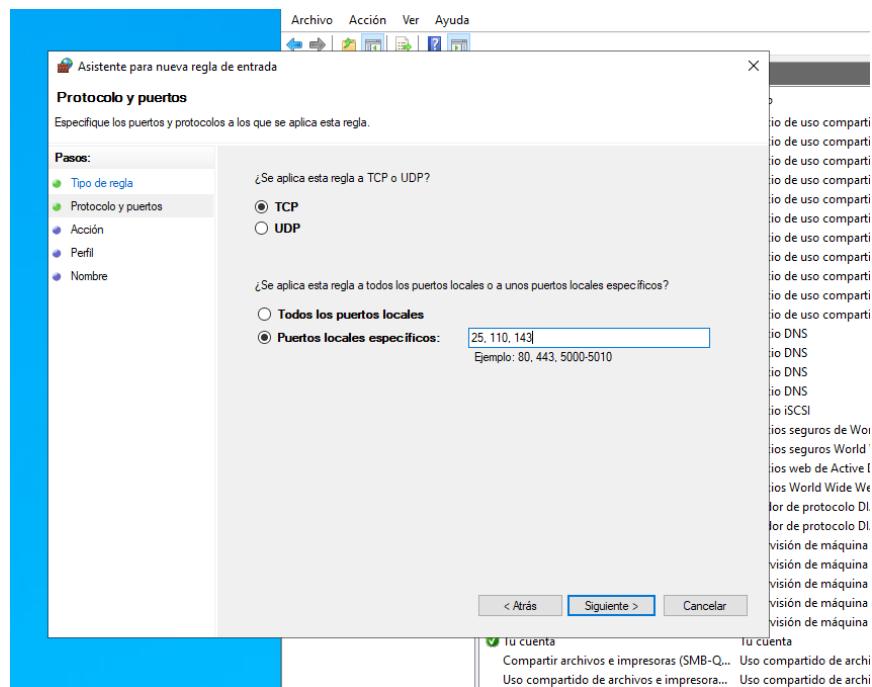
CREAR REGLAS DE ENTRADA EN EL CORTAFUEGOS DEL SERVIDOR

Creamos reglas de entrada en el cortafuegos del server (no crearemos reglas de salida porque nuestro servidor será solo local): Firewall/configuración avanzada

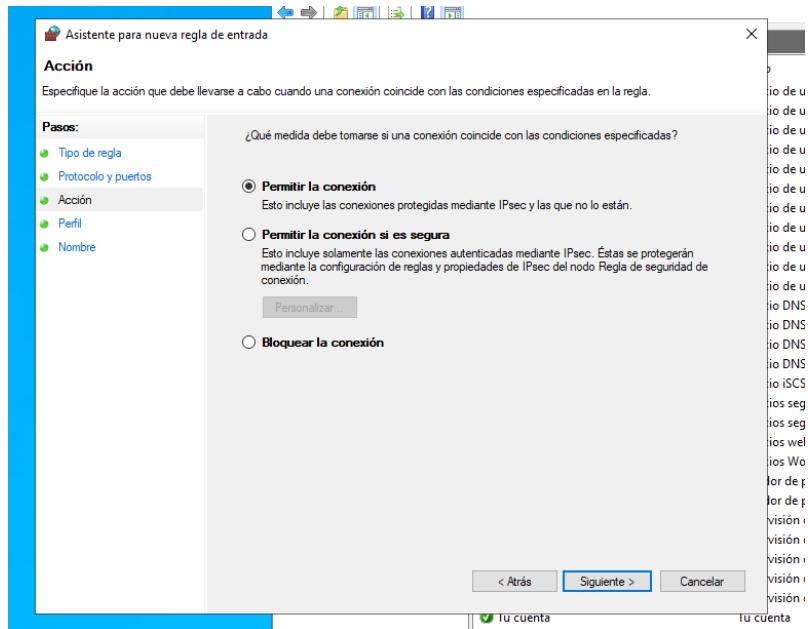
PINCHAMOS EN NUEVA REGLA Y ELIGIMOS LA TIPO DE REGLA PUERTO



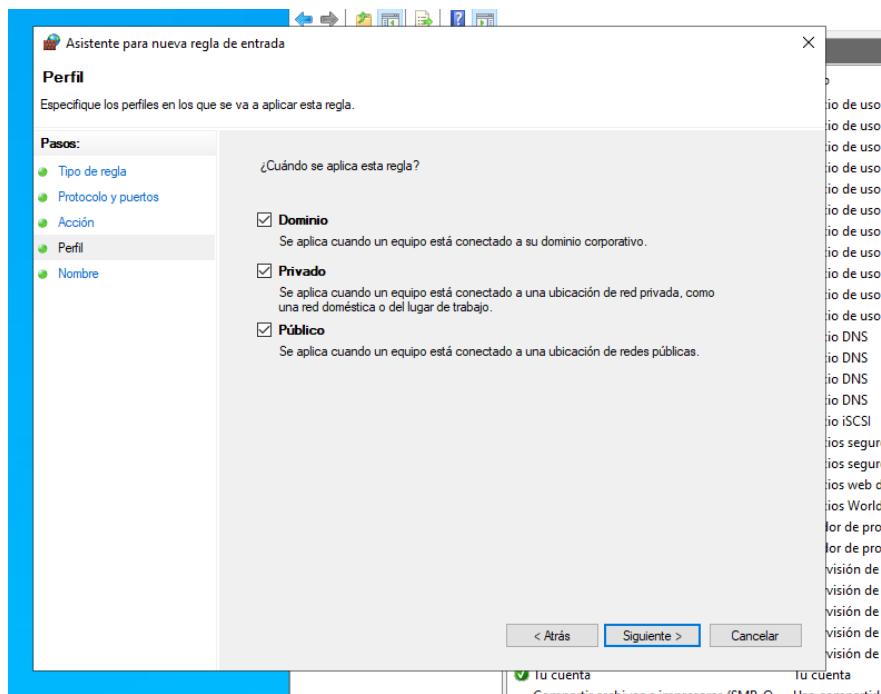
Siguiendo las instrucciones seleccionamos en protocolo y puertos TCP e introducimos los puertos indicados



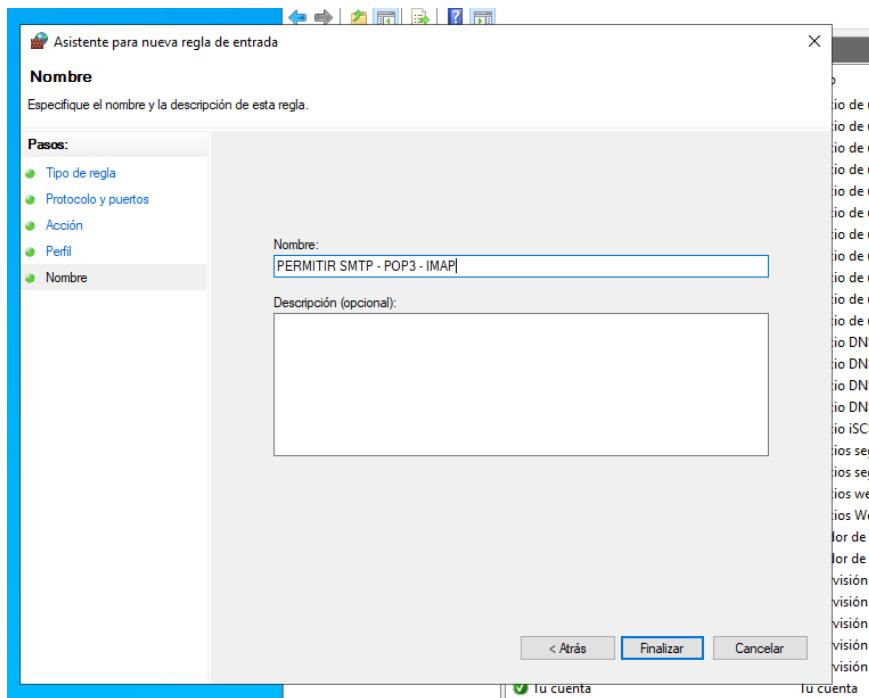
Permitimos la conexión en el apartado de acción



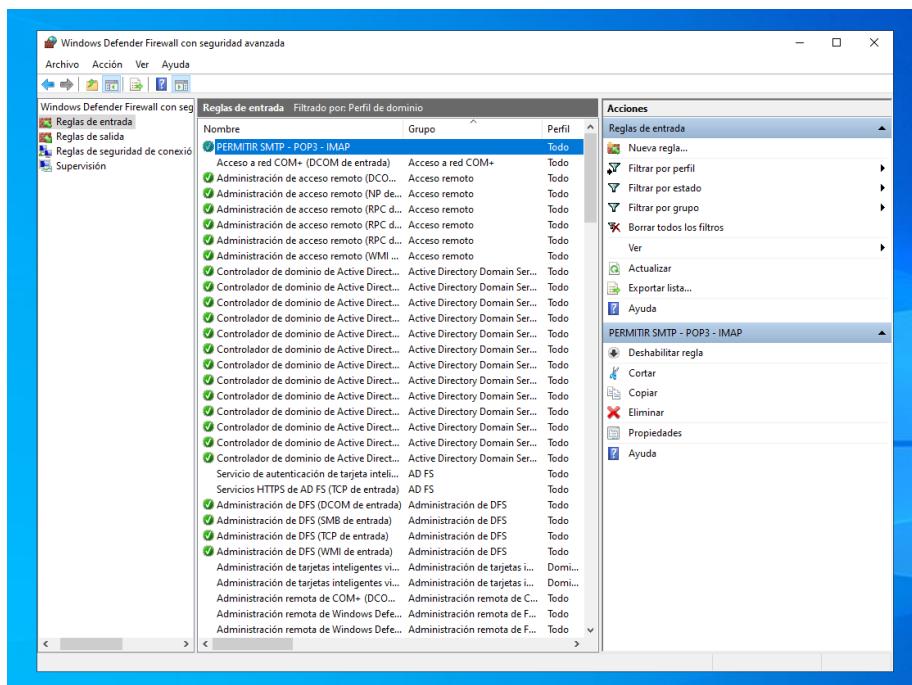
Dejamos las tres opciones marcadas en el apartado de perfil



Por último le damos un nombre

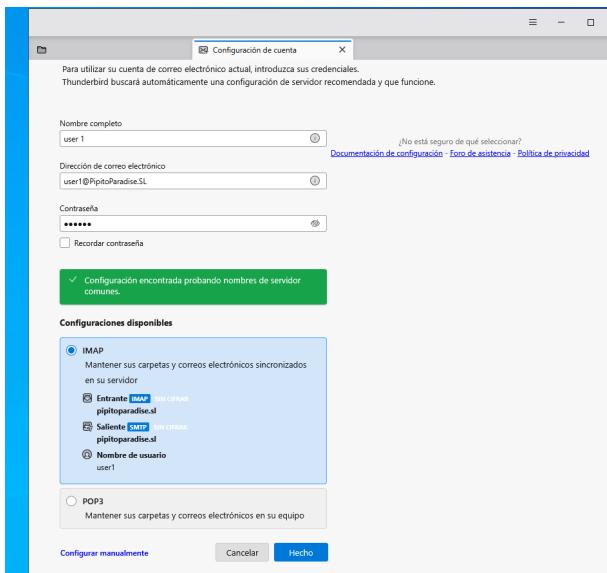


Aquí por último se puede observar que esta agregada correctamente

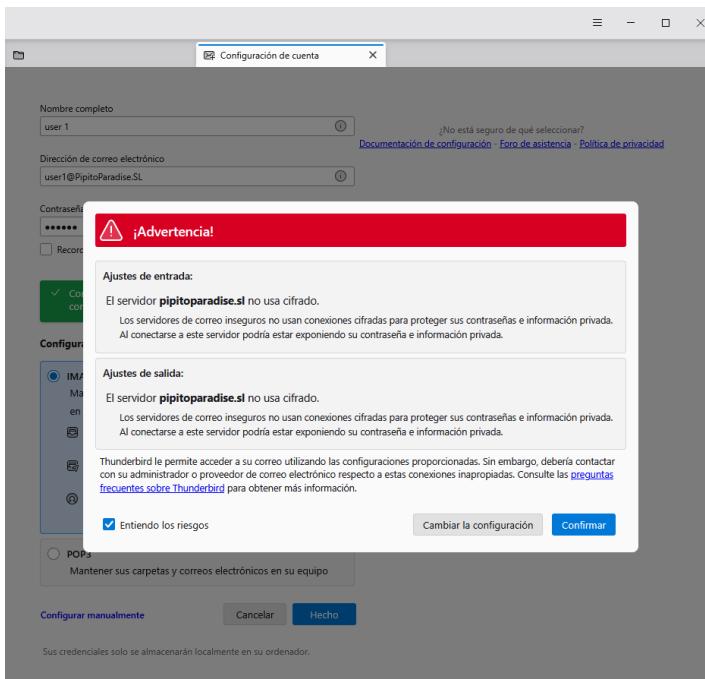


AGREGAR USUARIOS EN THUNDERBIRD

Comprobar servidor desde thunderbird Agregar a user1 y probar conexiones

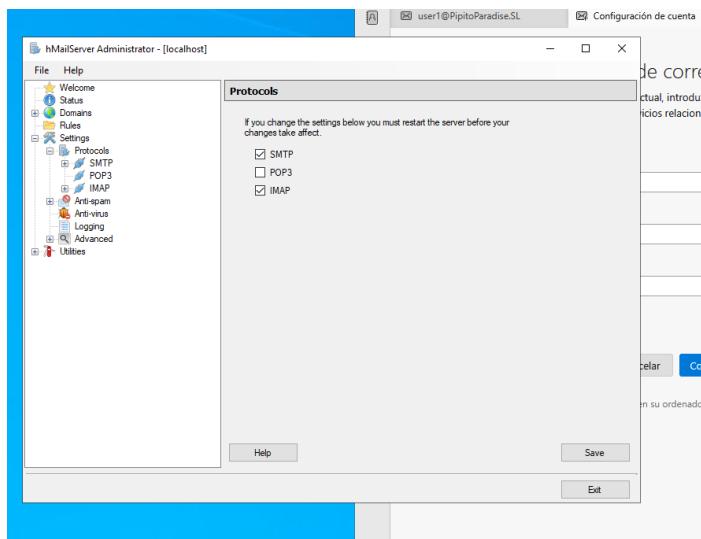


Aceptar excepción de no usar cifrado (estamos usando los puertos no seguros y sin certificados).

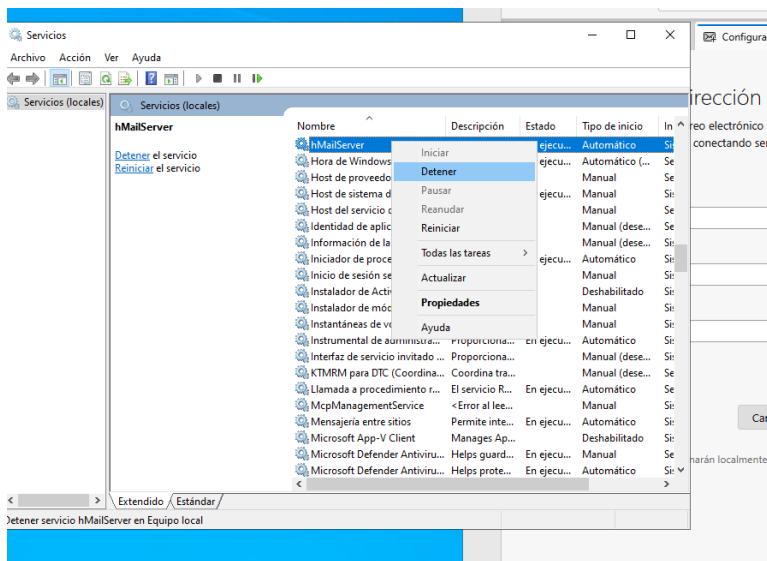


DESHABILITAR POP3 EN HMAILSERVER

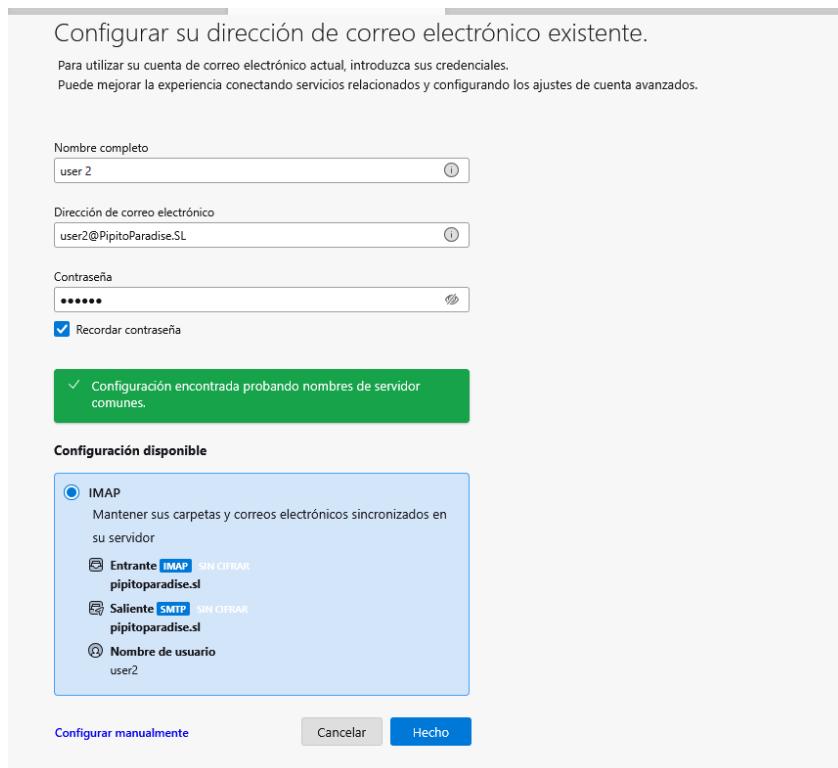
Ahora en el servidor de correo en la carpeta “Protocols” deshabilitamos POP3
Buscamos el servicio de hmailserver y lo reiniciamos (se aplicará la deshabilitación de POP3)



Guardamos y reiniciamos el servicio de hMailServer para que se efectúen los cambios

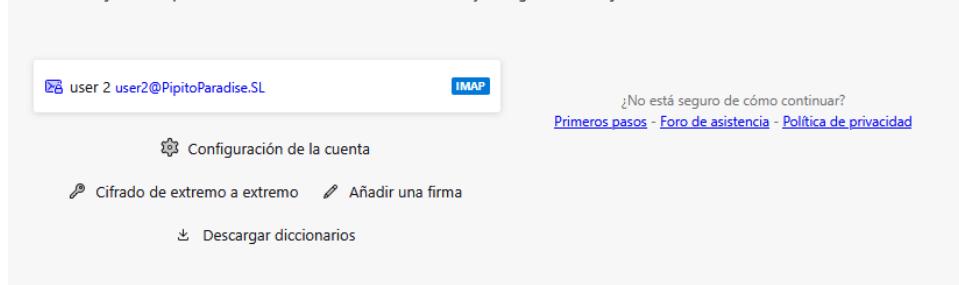


Creamos el user2 y probamos conexiones (no nos enseña POP3)



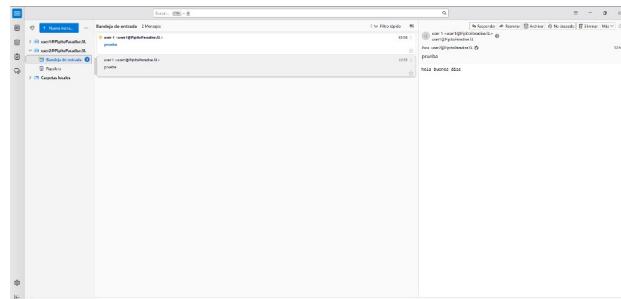
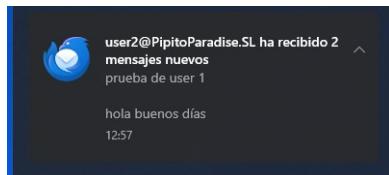
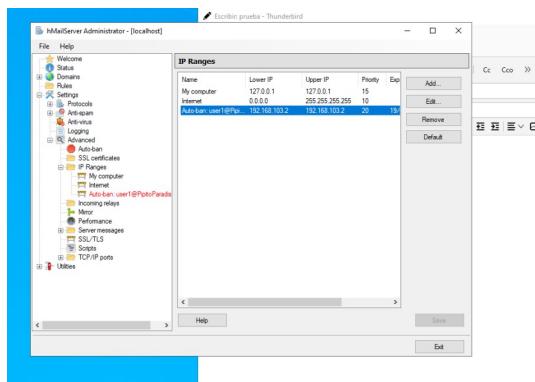
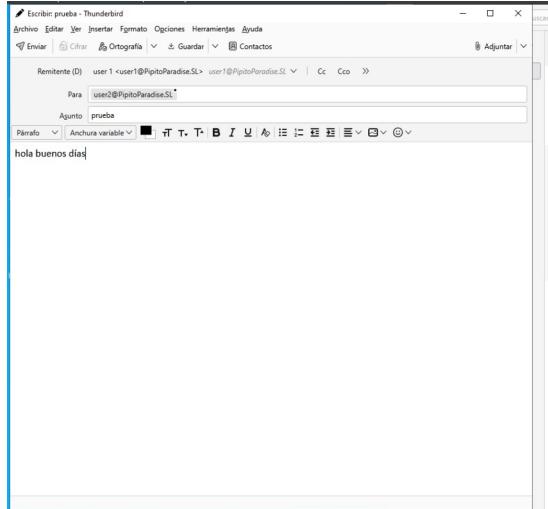
✓ Cuenta creada correctamente

Ahora puede usar esta cuenta con Thunderbird.
Puede mejorar la experiencia conectando servicios relacionados y configurando los ajustes de cuenta avanzados.



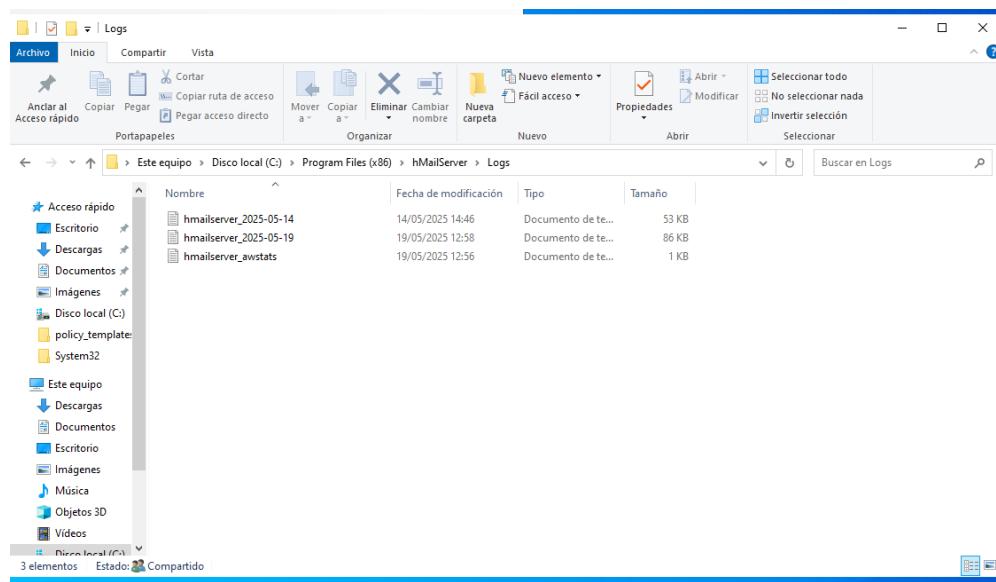
Prueba envio Email por THUNDERBIRD

Enviamos un mail de prueba entre user1 y user2 (desde thunderbird)



Revisión LOGS

Revisamos la pestaña logs en hmailserver y comprobamos que se han registrado los envíos (se crean archivos.txt), también podemos ver inicios de sesión y uso de protocolos



```
"IMAPD" 4788 17 "2025-05-19 13:04:22.428" "192.168.103.2" "-RECEIVED: 116 hoop"
"IMAPD" 4788 17 "2025-05-19 13:04:22.428" "192.168.103.2" "-SENT: 116 OK UID completed"
"IMAPD" 4788 17 "2025-05-19 13:04:22.428" "192.168.103.2" "-REMOVED: QUOTAROOT=quotaroot" "INBOX"
"IMAPD" 4788 17 "2025-05-19 13:04:22.428" "192.168.103.2" "-SENT: * QUOTAROOT "INBOX" \"[n]117 QUOTA "" ()[]n117 OK GETQUOTAROOT completed"
"IMAPD" 4788 17 "2025-05-19 13:04:22.428" "192.168.103.2" "-RECEIVED: 118 UID fetch 3:( FLAGS"
"IMAPD" 4788 17 "2025-05-19 13:04:22.428" "192.168.103.2" "-SENT: * 3 FETCH (UID 3 FLAGS ())"
"IMAPD" 4788 17 "2025-05-19 13:04:22.428" "192.168.103.2" "-SENT: 118 OK UID completed"
"IMAPD" 4788 17 "2025-05-19 13:04:22.428" "192.168.103.2" "-RECEIVED: 119 UID fetch 3:(UID RFC822.SIZE FLAGS BODY.PEEK[HEADER.FIELDS {From To Cc Bcc Subject Date Message-ID Priority X-Priority References Newsgroups In-Reply-To Content-Type Content-Transfer-Encoding}] BODY[HEADER.FIELDS {From To Cc Bcc Subject Date Message-ID Priority X-Priority References Newsgroups In-Reply-To Content-Type Content-Transfer-Encoding}])"
"IMAPD" 4788 17 "2025-05-19 13:04:22.435" "192.168.103.2" "-SENT: * 3 FETCH (UID 3 RFC822.SIZE 520 FLAGS ()) BODY[HEADER.FIELDS {From To Cc Bcc Subject Date Message-ID Priority X-Priority References Newsgroups In-Reply-To Content-Type Content-Transfer-Encoding}] BODY[HEADER.FIELDS {Content-Type Content-Transfer-Encoding}] BODY.PEEK[TEXT]<0.2048>""
"IMAPD" 4788 17 "2025-05-19 13:04:22.435" "192.168.103.2" "-SENT: 119 OK UID completed"
"IMAPD" 4788 17 "2025-05-19 13:04:22.526" "192.168.103.2" "-RECEIVED: 120 UID fetch 3:(UID RFC822.SIZE BODY.PEEK())"
"IMAPD" 4788 17 "2025-05-19 13:04:22.526" "192.168.103.2" "-SENT: * 3 FETCH (UID 3 RFC822.SIZE 520 BODY[{}]) [558]"
"IMAPD" 4788 17 "2025-05-19 13:04:22.526" "192.168.103.2" "-SENT: 120 OK UID completed"
"IMAPD" 4788 17 "2025-05-19 13:04:22.526" "192.168.103.2" "-RECEIVED: 121 UID fetch 3:(UID BODY.PEEK[HEADER.FIELDS {Content-Type Content-Transfer-Encoding}] BODY.PEEK[TEXT]<0.2048>)"
"IMAPD" 4788 17 "2025-05-19 13:04:22.526" "192.168.103.2" "-SENT: * 3 FETCH (UID 3 BODY[HEADER.FIELDS {Content-Type Content-Transfer-Encoding}] [91])"
"IMAPD" 4788 17 "2025-05-19 13:04:22.526" "192.168.103.2" "-SENT: BODY[TEXT]<> (22)"
"IMAPD" 4788 17 "2025-05-19 13:04:22.526" "192.168.103.2" "-REMOVED: BODY[TEXT]<> (22)"
"IMAPD" 4788 17 "2025-05-19 13:04:22.526" "192.168.103.2" "-SENT: 121 OK UID completed"
"IMAPD" 4788 17 "2025-05-19 13:04:24.529" "192.168.103.2" "-RECEIVED: 122 IDLE"
"IMAPD" 4788 17 "2025-05-19 13:04:24.529" "192.168.103.2" "-SENT: + idling"
"SMTPD" 4788 15 "2025-05-19 13:04:27.454" "192.168.103.2" "-RECEIVED: QUIT"
"SMTPD" 4788 15 "2025-05-19 13:04:27.454" "192.168.103.2" "-SENT: 221 goodbye"
"DEBUG" 4788 "2025-05-19 13:04:27.454" "Ending session 15"
```

BIBLIOGRAFIA

<https://www.hmailserver.com/download>

<https://www.thunderbird.net/es-ES/thunderbird/all/>

[https://products.containerize.com/es/transactional-email/hmailserver/
#:~:text=HmailServer%20es%20un%20servidor%20de%20correo%20electr%C3%B3nico%20100%25%20gratuito%20y,las%20funciones%20clonando%20el%20repositorio.](https://products.containerize.com/es/transactional-email/hmailserver/#:~:text=HmailServer%20es%20un%20servidor%20de%20correo%20electr%C3%B3nico%20100%25%20gratuito%20y,las%20funciones%20clonando%20el%20repositorio.)

