



Microsoft®  
**Lync™ Server 2010**

## **Comunicaciones Unificadas**

Instalación Lync Mobile



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# Instalación Lync Mobile

- Para poder soportar Lync Mobile Client es requisito instalar Cumulative Update 4 [CU4]
- **Requerimientos:**
  - Lync 2010 FE CU4 / EDGE CU4  
<http://bit.ly/LyncCU4>
  - Descargar MCX update para Lync 2010  
<http://bit.ly/MCXLync2010>



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Debemos crear los siguientes registros en nuestros servidores DNS publicos y privados

**Interno:** lyncdiscoverinternal.itsanchez.com.ar al FE de Lync lyfe01.itsanchez.local  
lyncdiscover.itsanchez.com.ar a lyfe01.itsanchez.local

lyncdiscoverinternal	Alias (CNAME)	LYFE01.itsanchez.local
lyncdiscover	Alias (CNAME)	LYFE01.itsanchez.local

**Externo:** lyncdiscover.itsanchez.com.ar a nuestro reverse proxy (sip.itsanchez.com.ar) para validar ejecutamos desde la Lync Server Managent Shell

**Get-CsService -WebServer | ft ABHandlerExternalUri**

```
PS C:\Users\administrator.ITSANCHEZ> get-CsService -WebServer | ft ABHandlerExternalUri
ABHandlerExternalUri
-----
https://sip.itsanchez.com.ar/abs/handler
PS C:\Users\administrator.ITSANCHEZ> _
```

lyncdiscover	Alias (CNAME)	sip.itsanchez.com.ar
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Vamos a instalar y configurar Lync Server Mobily Services (MCX)

Desde Lync Server Management Shell ->

**Set-CsWebServer -Identity lyfe01.itsanchez.local -**

**McxSipPrimaryListeningPort 5086 -McxSipExternalListeningPort 5087**

```
Administrator: Lync Server Management Shell
PS C:\Users\administrator.ITSANCHEZ> Set-CsWebServer -Identity lyfe01.itsanchez.local -McxSipPrimaryListeningPort 5086 -McxSipExternalListeningPort 5087
PS C:\Users\administrator.ITSANCHEZ>
```

Ejecutamos -> **Enable-CsTopology -Verbose**

```
PS C:\Users\administrator.ITSANCHEZ> Enable-CsTopology -Verbose
VERBOSE: Creating new log file
"C:\Users\administrator.ITSANCHEZ\AppData\Local\Temp\1\Enable-CsTopology-45962787-2537-4bf7-8572-2e52e20cbd4d.xml".
VERBOSE: Activate new or updated services in the topology.
VERBOSE: No changes were made to the Central Management Store.
VERBOSE: Creating new log file
"C:\Users\administrator.ITSANCHEZ\AppData\Local\Temp\1\Enable-CsTopology-45962787-2537-4bf7-8572-2e52e20cbd4d.html".
VERBOSE: "Enable-CsTopology" processing has completed successfully.
VERBOSE: Detailed results can be found at
"C:\Users\administrator.ITSANCHEZ\AppData\Local\Temp\1\Enable-CsTopology-45962787-2537-4bf7-8572-2e52e20cbd4d.html".
PS C:\Users\administrator.ITSANCHEZ>
```



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Desde Powershell Ejecutamos ->

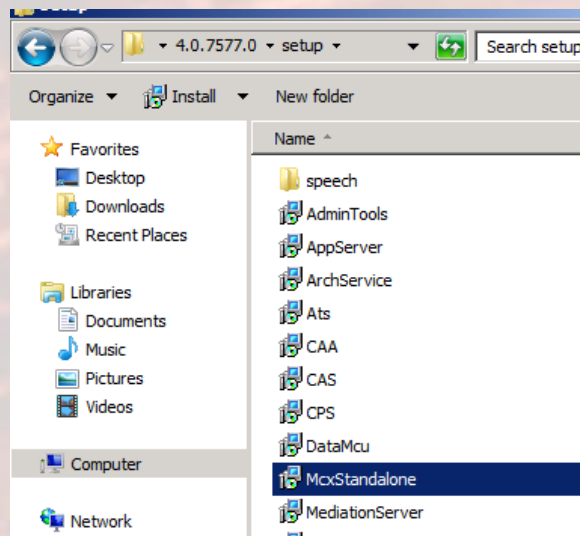
**Import-Module ServerManager; Add-WindowsFeature Web-Dyn-Compression**

```
PS C:\Users\administrator.ITSANCHEZ> Import-Module ServerManager; Add-WindowsFeature Web-Dyn-Compression
Success Restart Needed Exit Code Feature Result
-----
True      No           Success    <Dynamic Content Compression>
PS C:\Users\administrator.ITSANCHEZ> _
```

Descargamos el archivo McxStandAlone.msi

<http://bit.ly/MCXLync2010> y lo guardamos en la siguiente carpeta

**C:\ProgramData\Microsoft\Lync Server\Deployment\cache\4.0.7577.0\setup**

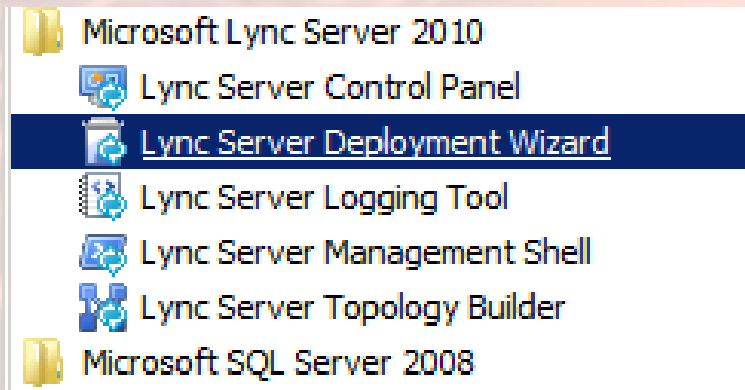




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## Ejecutamos -> Lync Server Deployment Wizard



## Seleccionamos -> Install or Update Lync Server System



### Lync Server 2010

Welcome to Lync Server deployment.

#### Deploy

##### Prepare Active Directory

Prepares the Active Directory schema, forest, and domain for Lync Server.

[Help](#) ▶

✔ Complete

##### **Install or Update Lync Server System**

Install or update a Lync Server Server deployment member system.

This option installs Lync Server core components, and a local replica configuration store.

Note: Before installing a server, you need to have a valid topology created and published.

[Help](#) ▶

##### Prepare first Standard Edition server ✔

Prepares a single Standard Edition server to host Central Management Service.

Note: This task requires local administrator rights. This task does not apply to Standard Edition Servers that are not planned to host the Central Management Service, or for deployments that include Enterprise Edition.

##### Install Topology Builder ✔

Installs the Topology Builder and Administrative Tools to the current system.

Your deployment requires at least one installation of the Topology Builder.


[Deploy Monitoring Server Reports](#)



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Seleccionamos -> Step 2\_ Setup or Remove Server Componets -> Run



## Lync Server 2010

Welcome to Lync Server deployment.

[Deploy](#) > Lync Server 2010

---

**Step 1: Install Local Configuration Store**  
Installs local configuration store and populates with data from Central Management Store.

[Prerequisites](#) ▶ ✔ Complete

[Help](#) ▶

---

**Step 2: Setup or Remove Lync Server Components**  
Install and activate, or deactivate and uninstall Lync Server Components based on the topology definition.

[Prerequisites](#) ▶

[Help](#) ▶

---

**Step 3: Request, Install or Assign Certificates**  
This step starts the Certificate Wizard. Create certificate request for local system. Install, and assign certificates for this system based on the topology definition.

[Prerequisites](#) ▶ ✔ Complete

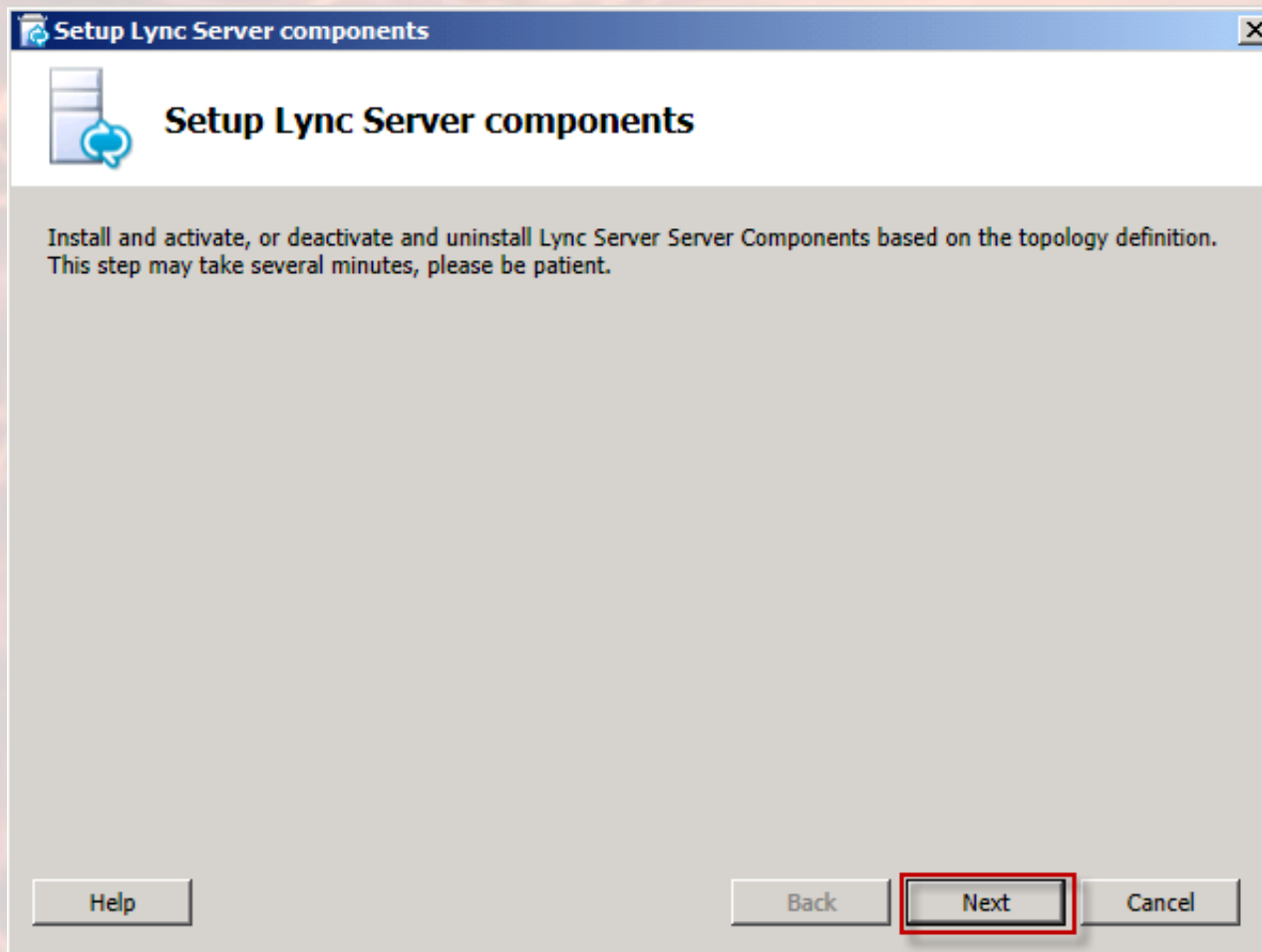
[Help](#) ▶



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Seleccionamos → **Next**



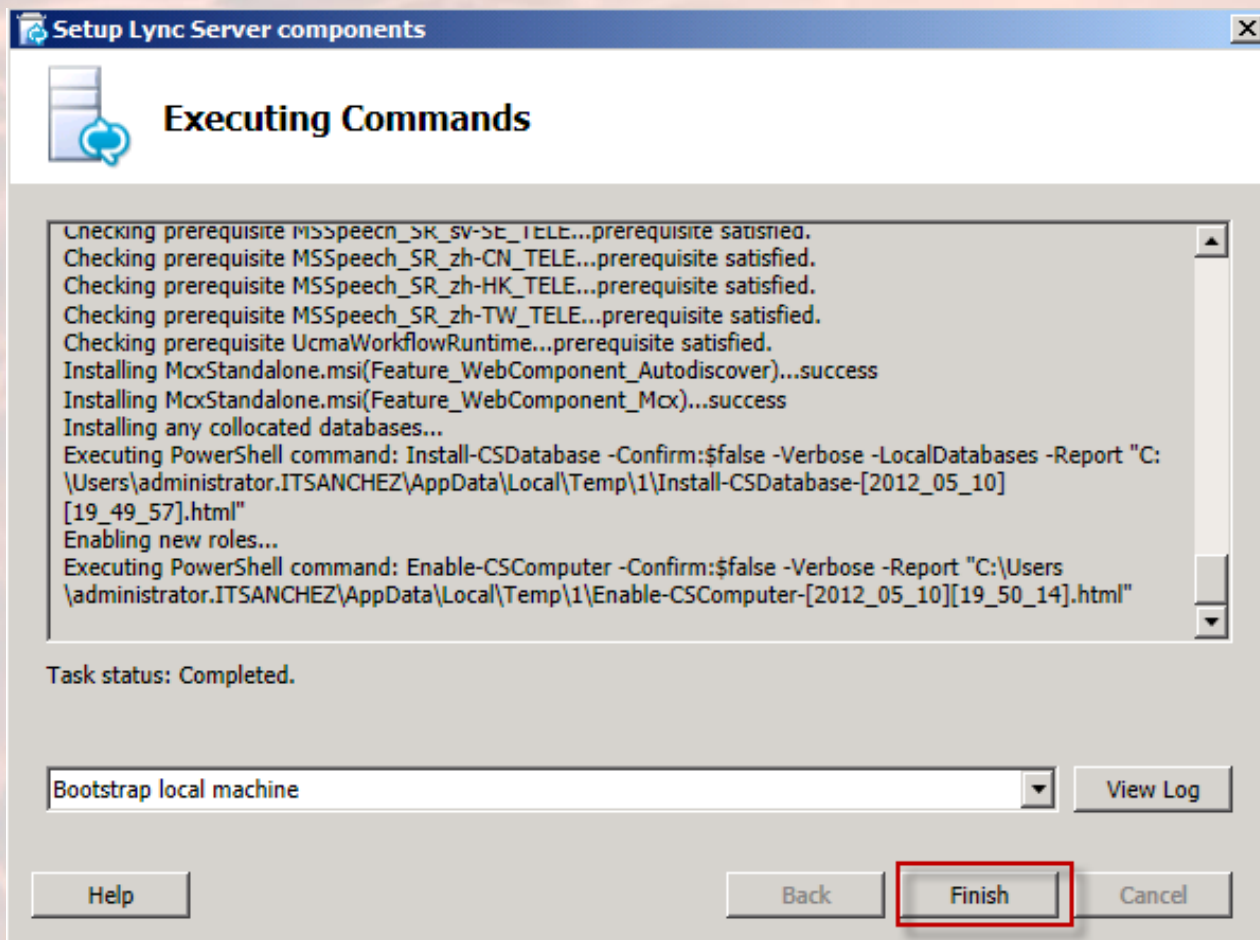




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Seleccionamos → **Finish**





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Ejecutamos -> **Step 3: Request, Install or Assign Certificates** -> Run Again

### Step 1: Install Local Configuration Store

Installs local configuration store and populates with data from Central Management Store.

[Prerequisites](#) ▶

[Help](#) ▶

✓ Complete

Run

### Step 2: Setup or Remove Lync Server Components

Install and activate, or deactivate and uninstall Lync Server Components based on the topology definition.

[Prerequisites](#) ▶

[Help](#) ▶

✓ Complete

Run Again

### Step 3: Request, Install or Assign Certificates

This step starts the Certificate Wizard. Create certificate request for local system. Install, and assign certificates for this system based on the topology definition.

[Prerequisites](#) ▶

[Help](#) ▶

✓ Complete

Run Again



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Generamos nuevamente los certificados que incluyan los siguientes nombres SAN

**Certificate Request** [X]

 **Subject Name / Subject Alternate Names**

The following will be automatically populated for the Subject Name and Subject Alternate Name (SAN)

Subject Name:

Subject Alternate Name:



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Generamos nuevamente los certificados que incluyan los siguientes nombres SAN

**Certificate Request** [X]

 **Subject Name / Subject Alternate Names**

The following will be automatically populated for the Subject Name and Subject Alternate Name (SAN)

Subject Name:

Subject Alternate Name:



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Por ultimo si tenemos nuestro EDGE con certificado publico  
habilitamos las notificaciones Push con los siguientes comandos en  
**Lync Server Management Shell ->**

```
Set-CsPushNotificationConfiguration -EnableApplePushNotificationService $True -  
EnableMicrosoftPushNotificationService $True
```

```
New-CsHostingProvider -Identity "LyncOnline" -Enabled $True -ProxyFqdn  
"sipfed.online.lync.com" -VerificationLevel UseSourceVerification
```

```
PS C:\Users\administrator.ITSANCHEZ> Set-CsPushNotificationConfiguration -Enable  
ApplePushNotificationService $True -EnableMicrosoftPushNotificationService $True  
  
PS C:\Users\administrator.ITSANCHEZ> Set-CsPushNotificationConfiguration -Enable  
ApplePushNotificationService $True -EnableMicrosoftPushNotificationService $True  
2  
PS C:\Users\administrator.ITSANCHEZ> New-CsHostingProvider -Identity "LyncOnline  
" -Enabled $True -ProxyFqdn "sipfed.online.lync.com" -VerificationLevel UseSourc  
eVerification  
  
Identity                : LyncOnline  
Name                    : LyncOnline  
ProxyFqdn               : sipfed.online.lync.com  
VerificationLevel      : UseSourceVerification  
Enabled                 : True  
EnabledSharedAddressSpace : False  
HostsOCSUsers          : False  
IsLocal                 : False  
  
PS C:\Users\administrator.ITSANCHEZ>
```



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Ejecutamos -> New-CsAllowedDomain -Identity "push.lync.com"

```
PS C:\Users\administrator.ITSANCHEZ> New-CsAllowedDomain -Identity "push.lync.com"
Identity           : push.lync.com
Domain             : push.lync.com
ProxyFqdn         :
Comment           :
MarkForMonitoring : False

PS C:\Users\administrator.ITSANCHEZ>
```

Vemos nuestro cliente en un iPhone Ejecutado sin problemas

