

# Installing a WSUS Server (WSUS 3.0) & Perform Administrative Task on WSUS

Realized from Corato Francesco

In **Server Manager**, click **Manage**, and then click **add Roles and Features**.

Link to the complete Installation -> [Step 1 - Install the WSUS Server Role | Microsoft Docs](#)

After you install the **Windows Server Update Services (WSUS)** server role on your server, you need to properly configure it. You also need to configure your client computers to receive their updates from the WSUS server.

Link to the complete configuration on WSUS-> [Step 2 - Configure WSUS | Microsoft Docs](#)

Connecting to WSUS with PowerShell:

```
$wsusserver = 'dc1'
```

```
[void][reflection.assembly]::LoadWithPartialName("Microsoft.UpdateServices.Administration")
```

```
$wsus = [Microsoft.UpdateServices.Administration.AdminProxy]::getUpdateServer("$wsusserver", $False)
```

```
$wsus
```

Now we have a connection to the WSUS server.

## Finding WSUS clients

Locate all client in WSUS

```
$wsus.GetComputerTargetByName("fullname domain")
```

Locate a client in WSUS

```
$wsus.GetComputerTarget([guid]" ID Name")
```

## Add Computer to Target Group AddComputerTarget()

```
$Client = $wsus.SearchComputerTargets("DCI")
```

```
$group = $wsus.GetComputerTargetGroups() | Where {$_.Name -eq "Targetgroup"}
```

```
$group.AddComputerTarget($client[0])
```

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## Add more than one computer to a Group

```
$Clients = $wsus.GetComputerTargets()
```

```
ForEach ($client in $clients) {
```

```
    Group.AddComputerTarget($client)
```

```
}
```

## Removing a client from a target Group

```
$Client = $wsus.SearchComputerTargets("DCI")
```

```
$group = $wsus.GetComputerTargetGroups() | Where {$_.Name -eq "Targetgroup"}
```

```
$group.RemoveComputerTarget($client[0])
```