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## Introduction

In this guide, you'll discover essential steps for re-installing the Integration App, ensuring its seamless operation in your Azure cloud environment. Whether you're updating to a new version or dealing with a broken installation, this guide has you covered.

### What you will learn:

In this guide, you will learn about the process of re-installing the "TDC Erhverv Telephony Integration" (Integration App) in an Azure cloud environment. There are two primary use cases for this guide:

1. **Updating to a New Version:** When a new version of the Integration App is released on Azure Marketplace, the guide helps you install the latest version and re-integrate it with the TDC Erhverv Selfservice web portal.
2. **Recovery from Irreversible Issues:** If your current Integration App installation in Azure becomes irreversibly broken, it may be more straightforward to re-install a new copy instead of fixing the old one.



## 5.0 Re-installing the Integration App

Sometimes a new version of “TDC Erhverv Telephony Integration” (aka. the Integration App) will be released on to Azure Marketplace. When this happens, you will need to install the new version in your Azure cloud and re-integrate it with the TDC Erhverv Selfservice web portal. This section will guide you through this process.

Another use-case where this guide will help is if your current Integration App installation (in your Azure cloud) is irreversibly broken. It may be simpler for you to just re-install a new copy rather than fixing the old one.

In both cases the procedure is the same:

1. Follow the normal installation guide to install the latest version in a new empty Resource group. You can find it at **section 3.0:** [Azure app Integration - ENG](#)
2. Be sure you are using a new group, since we will be deleting the old one in the last step of this guide.
3. In the TDC Erhverv Selfservice web portal, delete the existing connection to the old App, and re-connect to the new App we just made. Follow the guide here. Let Selfservice test the connection to the new App. If anything is wrong, swap back to the old App to avoid downtime while resolving the issue.
4. Once the Selfservice connection to the new App is confirmed, delete the old App to save on your monthly Azure bill.

Since steps 1 and 2 are covered elsewhere, this section will cover step 3 - how to delete an App from your Azure cloud.

### 5.1 Deleting the integration App

Even though TDC Erhverv Selfservice can only connect to one Integration App, you can have as many copies of the App installed in your Azure cloud as you want. You can keep old versions if you like, but remember even if an installed App is never used, you are still charged a (smaller) monthly cost by Azure for the cloud storage holding the App and the secrets in the Key vault.

Before you delete the App, make sure you already know which App-registration and Secret the App is



using for internal authorization. This should be readily apparent if you followed the naming conversions during the original installation process, but if you are unsure then these two guides will help you. Make a note of the App's App-registration and Secret and secret before we proceed. In this example they are:

- App-registration: **TDC Erhverv Telephony Integration**
- Secret: the one with description “**TDC Erhverv Telephony Integration**”

In this example we will assume your current Integration App is installed in the Resource group called “TDC\_Erhverv\_Telephony\_Integration”, and you have just installed a new version in “TDC\_Erhverv\_Telephony\_Integration\_v2” - now we want to delete the old unused installation.

Home >

### Resource groups

Nuuday Blue Teams test 4 - Teams for Broadworks (blue4.testontdc.net)

+ Create Manage view Refresh Export to CSV Open query Assign tags

Filter for any field... Subscription equals all Location equals all Add filter

Showing 1 to 3 of 3 records. No grouping List view

| Name                                 | Subscription         | Location     |
|--------------------------------------|----------------------|--------------|
| cloud-shell-storage-westeuropa       | Bluetest4 Azure Plan | West Europe  |
| TDC_Erhverv_Telephony_Integration    | Bluetest4 Azure Plan | North Europe |
| TDC_Erhverv_Telephony_Integration_v2 | Bluetest4 Azure Plan | North Europe |

Because all the elements of the App are contained in a Resource group, deleting the group will also delete all the App components. Click the Resource group you want to delete and then click the “Delete resource group” button.

Home > Resource groups >

### TDC\_Erhverv\_Telephony\_Integration

Resource group

Search + Create Manage view Delete resource group Refresh Export to CSV Open query Assign tags Move

Overview Activity log Access control (IAM) Tags Resource visualizer Events Settings Deployments Security Deployment stacks Policies Properties Locks

Essentials JSON View

Resources Recommendations

Filter for any field... Type equals all Location equals all Add filter

Showing 1 to 7 of 7 records. Show hidden types No grouping List view

| Name                                       | Type                      | Location     |
|--|---------------------------|--------------|
| Application Insights Smart Detection       | Action group              | Global       |
| Failure Anomalies - NuudayToB-5sutozr67fik | Smart detector alert rule | Global       |
| fnstor5sutozr67fik                         | Storage account           | North Europe |
| kv5sutozr67fik                             | Key vault                 | North Europe |
| NuudayToB-5sutozr67fik                     | Application Insights      | North Europe |
| NuudayToB-5sutozr67fik                     | Function App              | North Europe |
| ServicePlanFunctionApp                     | App Service plan          | North Europe |



Since this is a bulk operation, you will be asked to enter the name of the **Resource group** to confirm.

The screenshot shows the Azure portal interface for a resource group named "TDC\_Erhverv\_Telephony\_Integration". The left sidebar contains navigation options like Overview, Activity log, Access control (IAM), Tags, Resource visualizer, Events, Settings, Deployments, Security, Deployment stacks, Policies, Properties, Locks, Cost Management, and Cost analysis. The main area displays a list of resources under the "Essentials" tab, including Application Insights Smart Detection, Failure Anomalies, Storage accounts, Key vaults, and Application Insights. A "Delete resource group" button is visible in the top right. A modal dialog titled "Delete a resource group" is open, showing the resource group to be deleted and a list of 7 dependent resources. At the bottom of the dialog, there is a text input field with the resource group name "TDC\_Erhverv\_Telephony\_Integration" and a red arrow pointing to it. Below the input field are "Delete" and "Cancel" buttons, with the "Delete" button highlighted by a red box.

One more confirmation dialog to click.

This screenshot is similar to the previous one, showing the same resource group and list of resources. However, a second modal dialog titled "Delete confirmation" is overlaid on top of the "Delete a resource group" dialog. This smaller dialog contains the text: "Deleting this resource group and its dependent resources is a permanent action and cannot be undone." It has two buttons: "Delete" (highlighted in red) and "Go back". The "Delete a resource group" dialog remains visible in the background, with the "Delete" button still highlighted by a red box.



It may take several minutes for the Resource group to delete. There will be a notification when the delete operation is done. When you see this, if your web browser is still on the page for the Resource group you just deleted, then all the links will be 404, and you should navigate back to the list of all Resource groups and confirm that the group is gone.

Home > Resource groups >

### TDC\_Erhverv\_Telephony\_Integration

Resource group

Search

+ Create Manage view Delete resource group Refresh

Overview

- Activity log
- Access control (IAM)
- Tags
- Resource visualizer
- Events

Settings

- Deployments
- Security
- Deployment stacks
- Policies
- Properties
- Locks

Cost Management

Essentials

Resources Recommendations

Filter for any field... Type equals all Location equals all

Showing 1 to 7 of 7 records. Show hidden types

| <input type="checkbox"/> | Name  |
|--------------------------|---|
| <input type="checkbox"/> | Application Insights Smart Detection        |
| <input type="checkbox"/> | Failure Anomalies - NuudayToB-5sutozr67fiik |
| <input type="checkbox"/> | fnstor5sutozr67fiik                         |
| <input type="checkbox"/> | kv5sutozr67fiik                             |
| <input type="checkbox"/> | NuudayToB-5sutozr67fiik                     |
| <input type="checkbox"/> | NuudayToB-5sutozr67fiik                     |
| <input type="checkbox"/> | ServicePlanFunctionApp                      |

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### Notifications

More events in the activity log → Dismiss all

Deleted resource group TDC\_Erhverv\_Telephony\_Integration

Deleted resource group TDC\_Erhverv\_Telephony\_Integration

a few seconds ago

Home >

### Resource groups

Nuuday Blue Teams test 4 - Teams for Broadworks (blue4.testontdc.net)

+ Create Manage view Refresh Export to CSV Open query Assign tags

Filter for any field... Subscription equals all Location equals all Add filter

Showing 1 to 2 of 2 records. No grouping List view

| <input type="checkbox"/> | Name                                 | Subscription         | Location     |     |
|--------------------------|--------------------------------------|----------------------|--------------|-----|
| <input type="checkbox"/> | cloud-shell-storage-west europe      | Bluetest4 Azure Plan | West Europe  | ... |
| <input type="checkbox"/> | TDC_Erhverv_Telephony_Integration_v2 | Bluetest4 Azure Plan | North Europe | ... |

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Give feedback



## 5.2 Deleting the App-registration

Depending on how you installed the new App that replaced the old App that we have just deleted, there may be one more cloud resource to clean up.

1. If you reused the same App-registration secret for the new App, then we are done. Don't delete the App-registration / Secret that is still in-use.
2. If you made a new secret on the existing App-registration, then we can now delete the old secret.
3. If you made a new App-registration (with a new secret), then we can now delete the entire old App-registration.

### 5.2.1 Deleting a Secret

If you have made a new Secret in the old App-registration, then the “Certificates & secrets” section will look something like below. In the previous section we determined that the unused Secret is “TDC Erhverv Telephony Integration”. Go ahead and delete it, confirm, and we are done.

Home > TDC Erhverv Telephony Integration

TDC Erhverv Telephony Integration | Certificates & secrets

Search  Got feedback?

Overview  
Quickstart  
Integration assistant

Manage

Branding & properties  
Authentication  
**Certificates & secrets**  
Token configuration  
API permissions  
Expose an API  
App roles  
Owners  
Roles and administrators  
Manifest  
Support + Troubleshooting

Credentials enable confidential applications to identify themselves to the authentication service when receiving tokens at a web addressable location (using an HTTPS scheme). For a higher level of assurance, we recommend using a certificate (instead of a client secret) as a credential.

Application registration certificates, secrets and federated credentials can be found in the tabs below.

Certificates (0) **Client secrets (2)** Federated credentials (0)

A secret string that the application uses to prove its identity when requesting a token. Also can be referred to as application password.

+ New client secret

| Description                         | Expires   | Value    | Secret ID                             |
|-------------------------------------|-----------|----------|---------------------------------------|
| TDC Erhverv Telephony Integration 2 | 9/25/2025 | yZJ***** | b194f256-8fba-446b-a199-4e860f8b37... |
| TDC Erhverv Telephony Integration   | 9/26/2025 | 4qv***** | a24cc453-dfa5-49bf-9c36-7f244e885b2c  |



## 5.2.2 Deleting an App registration

If you have made a new App-registration (with a new Secret inside), then we can delete the old unused App-registration, along with any secrets it contains. In the previous section we determined that the unused App-registration is TDC Erhverv Telephony Integration. Navigate to the App-registration section and click on the registration we want to remove.

Home >

### App registrations

+ New registration | Endpoints | Troubleshooting | Refresh | Download | Preview features | Got feedback?

Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authentication Library (ADAL) and Azure Active Directory Graph. We will continue to provide technical support and security updates but we will no longer provide feature updates. Applications will need to be upgraded to Microsoft Authentication Library (MSAL) and Microsoft Graph. [Learn more](#)

All applications | Owned applications | Deleted applications

Start typing a display name or application (client) ID to filter these r... | Add filters

3 applications found

| Display name                        | Application (client) ID              | Created on | Certificates & secrets |
|-------------------------------------|--------------------------------------|------------|------------------------|
| TDC Erhverv selvbetjening           | a56a5e09-1bbb-4825-acc8-7f07b5d2eaed | 11/17/2022 | Current                |
| TDC Erhverv Telephony Integration   | 3068f451-4cfb-4c68-b213-2b39a269e693 | 9/11/2023  | Current                |
| TDC Erhverv Telephony Integration 2 | 6ac45bc1-68c4-40f7-8e44-28628dbabf5e | 9/27/2023  | Current                |

Now click the “Delete” button, confirm, and we are done.

Home > App registrations >

### TDC Erhverv Telephony Integration

Search | Delete | Endpoints | Preview features

- Overview
- Quickstart
- Integration assistant
- Manage
  - Branding & properties
  - Authentication
  - Certificates & secrets
  - Token configuration
  - API permissions
  - Expose an API
  - App roles
  - Owners
  - Roles and administrators

Essentials

Display name: [TDC Erhverv Telephony Integration](#)

Application (client) ID: 6ac45bc1-68c4-40f7-8e44-28628dbabf5e

Object ID: f1c6adf6-3eaf-4332-b90d-c8191f9c26d9

Directory (tenant) ID: 52d54f0b-90ea-450b-be8b-acd3d8c7a201

Supported account types: [My organization only](#)

Client credentials: [0 certificate, 1 secret](#)

Redirect URIs: [Add a Redirect URI](#)

Application ID URI: [Add an Application ID URI](#)

Managed application in local directory: [TDC Erhverv Telephony Integration 2](#)

Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authentication Library (ADAL) and Azure Active Directory Graph. We will continue to provide technical support and security updates but we will no longer provide feature updates. Applications will need to be upgraded to Microsoft Authentication Library (MSAL) and Microsoft Graph. [Learn more](#)

Get Started | Documentation