# Azure Site Recovery (ASR) Agent Installation / Reinstallation Guide

This document provides steps to install or reinstall the Azure Site Recovery Provider Agent on a Windows server.

## Prerequisites

1. Download the following files from the Azure Recovery Services Vault:

- AzureSiteRecoveryProvider.exe (ASR Provider setup)  
 - VaultCredentials file (.VaultCredentials)

2. Transfer the files to the target server. You can use any of the following methods:  
 - Direct upload to the server  
 - AzCopy to upload into a storage container, then copy to the server  
  
 Place both files in C:\Temp\ on the server.

## Installation / Reinstallation Procedure

### Step 1: Verify Existing Agent

- Check if the ASR agent is already installed:  
 - Navigate to Control Panel > Programs and Features, or  
 - Verify if the service 'Microsoft Azure Site Recovery Service' is running.  
  
👉 If the agent is present and working, no reinstallation is needed.  
👉 If the agent is corrupted, follow the steps below.

### Step 2: Remove Corrupted Agent (if applicable)

Run the following command to uninstall the existing agent:

Vasragent.exe /x /q

Also, remove the server entry from the Azure Site Recovery Vault.

### Step 3: Install ASR Provider

From C:\Temp, run:

Asetupdr.exe /

### Step 4: Navigate to ASR Provider Directory

cd "C:\Program Files\Microsoft Azure Site Recovery Provider"

### Step 5: Register the Server with Vault

Run the configurator to register the server with Azure Site Recovery:

DRConfigurator.exe /r /FriendlyName "replace-with-your-server-name" /Credentials "C:\Temp\asr-vault.VaultCredentials"

Replace:  
- replace-with-your-server-name → with your actual server hostname or desired display name in the vault  
- asr-vault.VaultCredentials → with your actual vault credential file name

## Post-Installation Verification

1. Confirm that the 'Microsoft Azure Site Recovery Service' is running.

2. In the Azure Portal, check that the server is successfully registered with the Recovery Services Vault.