

TopTeam Auto Update On-Premise Deployment

Technical Reference & User Guide



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Introduction

In some organizations deployment of Windows desktop applications can involve participation of multiple parties – System Administrators, Windows Administrators, etc. In some cases, this process also requires packaging of the application for deployment and then pushing the updates to users' computers. This can introduce unnecessary delay in deploying the latest version of *TopTeam App* to users and thus depriving them of the latest features and bug fixes.

TopTeam provides a solution to this problem via the *TopTeam Automatic Update* feature. ***TopTeam Automatic Update helps organizations easily deploy and manage TopTeam Desktop App – from the initial installation to the subsequent updates - on all users' computers.***

This document describes the different components of *TopTeam Automatic Update* and how it works. It also describes the system requirements and security permissions that are required to deploy *TopTeam Automatic Update* in your organization.

Audience

- TopTeam Administrators
- Windows Administrators
- IT Support

IMPORTANT



This guide is intended for customers having On-Premise TopTeam installation.

If you are a *TopTeam Cloud* customer, you should refer to the *TopTeam Auto Update for TopTeam Cloud User Guide*.

How It Works

1. **TopTeam App Distribution Website Setup** – IT Support/Windows Administrator sets up an on-premise website for *TopTeam App* distribution. This website needs to be setup on the same computer and the same *Internet Information Services (IIS)* website as the on-premise *TopTeam Web Server*.
2. **Initial Deployment** – User downloads and installs *TopTeam App Launcher* on their computer **OR** IT Support/Windows Administrator deploys (pushes) *TopTeam App Launcher* on each user's computer.
3. **Launching TopTeam Desktop App** - Users double-click the shortcut to *TopTeam App Launcher* on Windows Desktop/Start menu to run *TopTeam App*.
4. **First Run** – On its first run, *TopTeam App Launcher* automatically downloads *TopTeam App Distribution Package* from the on-premise *TopTeam App Distribution Website* and installs *TopTeam App* silently on the user's computer. *TopTeam App* is automatically launched after installation.
5. **Getting and Publishing Updates** - When a new update of *TopTeam App* is available, TopTeam Administrators have to download *TopTeam App Distribution Package* from *TechnoSolutions Customer Portal* and publish it on organization's on-premise *TopTeam App Distribution Website*.
6. **Automatic TopTeam App Update** – Every time a user runs *TopTeam App Launcher* (which is the normal method of running *TopTeam App*), it checks for a new version of *TopTeam App* on the organization's on-premise *TopTeam App Distribution Website*. If an update is published and available, it automatically downloads and applies the update to *TopTeam App*.

In this way the *TopTeam Automatic Update* feature makes it very easy for organizations to deploy and publish updates to *TopTeam App* with minimal involvement of IT Support personnel and yet gives them full control over when to deploy minor and major updates.

Components

TopTeam App

TopTeam App, also known as *TopTeam Desktop App*, is a Windows application for authoring and managing requirements, managing application life cycle, etc.

TopTeam App is not run directly rather, it is run via *TopTeam App Launcher*.

TopTeam App Launcher

TopTeam App Launcher is a Windows application that is installed on each user's computer and performs the following functions:

- Performs the initial installation of *TopTeam App*
- Launches *TopTeam App*
- Periodically checks and installs updates to *TopTeam App* from the on-premise *TopTeam App Distribution Website*

TopTeam App Distribution Package

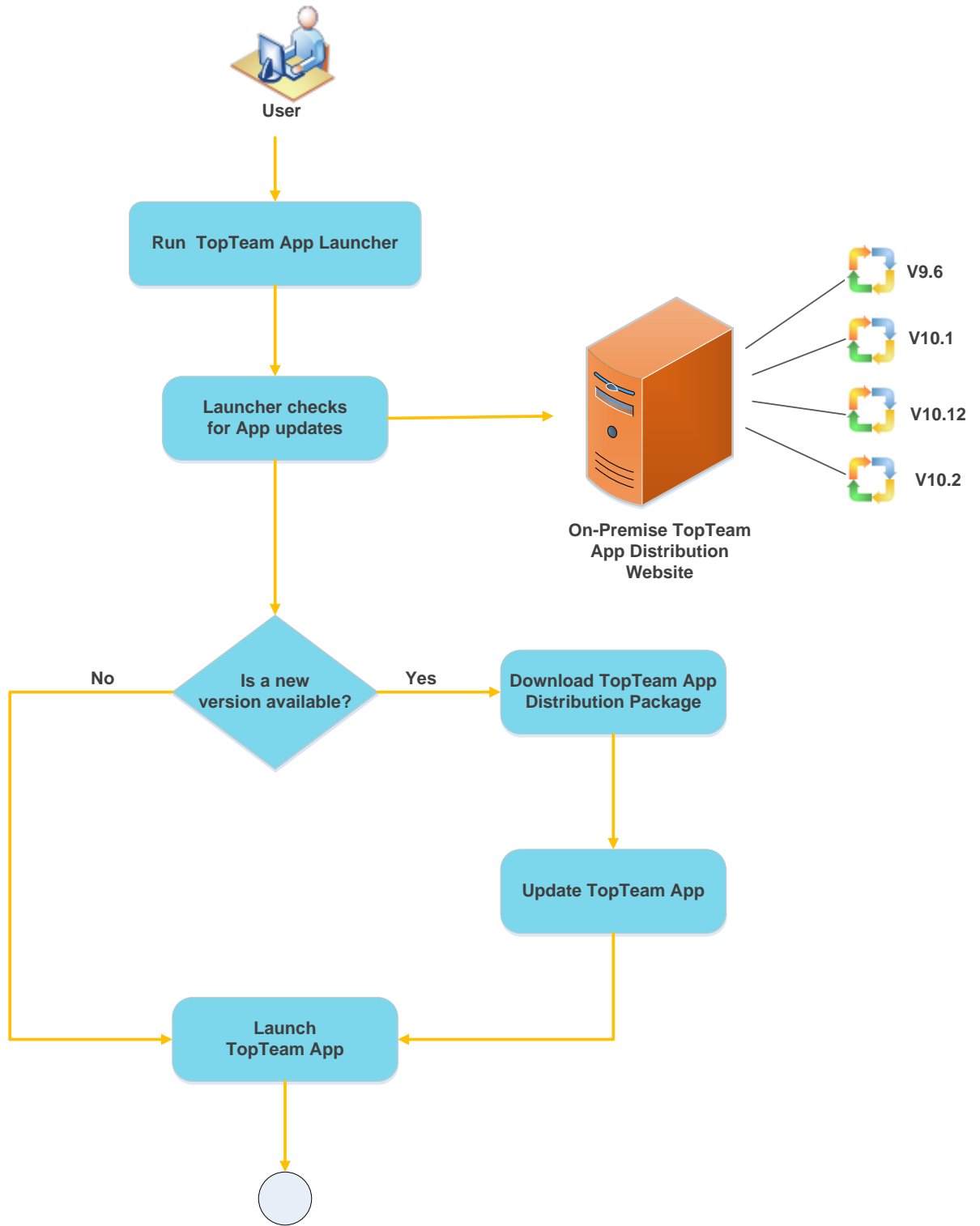
TopTeam App Distribution Package is an installation package that is used to deploy new versions of *TopTeam App*. *TopTeam App Distribution Package* can be downloaded from TechnoSolutions Customer Portal.

TopTeam App Distribution Website

TopTeam App Distribution Website is an IIS website that has to be setup inside an organization. This website is used by *TopTeam App Launcher* to download and install the initial and updated versions of *TopTeam App*.

This website needs to be setup on the same computer and on the same IIS website as *TopTeam Web Server*.

TopTeam Auto Update Process



Initial Setup

Setup TopTeam App Distribution Website

TopTeam App Distribution Website is required to be set up on-premise to facilitate distribution of *TopTeam App* to all users.

For step-by-step instructions, refer to the article:

[How to setup TopTeam App Distribution Website](#)

Initial Deployment of TopTeam App Launcher

TopTeam App Launcher needs to be installed on each user's computer. *TopTeam App Launcher* can be installed using an MSI installer in one of the following two modes:

- Silent mode
- Interactive mode

Silent Mode

You can use Silent mode if you want to push this application silently on each TopTeam user's computer. The installer will install *TopTeam App Launcher* and create a shortcut on each user's Windows desktop/Start menu.

For step-by-step instructions, refer to the article:

[Installing TopTeam App Launcher in Silent mode](#)

Interactive Mode

In Interactive mode, a wizard will guide you through the installation process.

For step-by-step instructions, refer to the article:

[Installing TopTeam App Launcher in Interactive mode](#)

NOTE

Ensure that the on-premise *TopTeam App Distribution Website* is configured prior to deploying *TopTeam App Launcher*. The URL of *TopTeam App Distribution Website* is required for deploying *TopTeam App Launcher*.

Publishing Updates

To publish a new update of *TopTeam App* to all users, the TopTeam Administrator will need to download the corresponding *TopTeam App Distribution Package* from TechnoSolutions Customer Portal and publish it on the on-premise *TopTeam App Distribution Website*.

For step-by-step instructions, refer to the article:

[How to publish a new version of TopTeam App](#)

When a new version of *TopTeam App* is published, *TopTeam App Launcher* will automatically detect, download and install the update on each user's computer.

NOTE

TopTeam App Launcher only checks for updates when you start it up for the first time on a given day.

System Requirements

TopTeam App Launcher

System requirements for *TopTeam App Launcher* are similar to *TopTeam Desktop App*. For more information, refer to the article [System Requirements for TopTeam Desktop App](#).

On-Premise TopTeam App Distribution Website

- Windows Server 2016
- Windows Server 2012
- Windows Server 2008
- Windows Server 2008 R2

Disk Space

- 80-100 MB for storing each version of *TopTeam App Distribution Package*.

Security Permissions Required

TopTeam App Launcher

- *TopTeam App Launcher* downloads and installs *TopTeam App* in the currently logged in Windows user's "profile" folder. Typically, this is located at "[%appdata%](#) TopTeam Web Apps" folder. *TopTeam App Launcher* must have read and write permissions in this folder. Note that, as *TopTeam App* is installed in user's "profile" folder, no other special permissions are required.
- *On-Premise TopTeam App Distribution Website* must be accessible from all users' computers.
- *TopTeam App Launcher* downloads .CNF and .ZIP files from the *On-Premise TopTeam App Distribution Website*. These files are required by *TopTeam App Launcher* for detecting and updating user's *TopTeam App*. Your organization's network security policies should allow *TopTeam App Launcher* to download .CNF and .ZIP files from the *On-Premise TopTeam App Distribution Website*.

TopTeam App Distribution Website

- The user account specified in the *Application Pool Identity* for the On-Premise *TopTeam App Distribution Website's* application/virtual directory must have read permissions on the website folder.
- MIME types, *.CNF* and *.ZIP*, should be enabled on IIS. These MIME types are by default enabled in the default MIME Types of IIS. Enable these MIME types on IIS if they are disabled.

Related Documentation

- [How to setup On-premise TopTeam App Distribution Website](#)
- [How to publish a new version of TopTeam App](#)
- [Installing TopTeam App Launcher in Silent Mode](#)
- [Installing TopTeam App Launcher in Interactive Mode](#)