

PowerShell for Power365®

## Quick Start Guide

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## Legend

 **CAUTION:** A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.

 **IMPORTANT, NOTE, TIP, MOBILE, or VIDEO:** An information icon indicates supporting information.

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## Introduction

This guide is designed to provide a quick reference for start using the Binary Tree PowerShell module. This guide assumes some familiarity with the Power365 platform.

## What is the Binary Tree PowerShell Module?

The Binary Tree PowerShell module is a set of PowerShell commands that let you manage your Power365 data. Here are some common examples of operations you can perform with the Binary Tree PowerShell module:

- Manage multiple clients, projects, profiles and more
- Getting user status and statistics
- Starting actions and monitoring progress
- Creating and managing migration waves
- Retrieving job history and downloading logs

## What is required to run the Binary Tree PowerShell module?

1. PowerShell 5.1.
2. .Net 4.5.2 or above
3. An access token issued from an authorized client administrator

## Where do I get an access key?

Only an authorized Client Administrator may manage API keys. To generate a new API key, follow these steps:

1. Log in to Power365
2. Select API KEYS from the Admin section of the top right menu
3. Click New to create a new key
4. Follow the prompts
5. Give the key a Name
6. Select a Role (Read, Write)
7. Select an Expiration date
8. Copy and save the key

It is best practice is to create a new key for each user to maintain an audit trail.

*Please Note:* The key is only available to copy during the key creation process. If that key copy is subsequently lost, it will be necessary to create a new key.

## How do I install the module?

```
Install-Module BinaryTree.Power365 -Force
```

## How can I verify the module?

```
Get-InstalledModule -Name BinaryTree.Power365 | FL
```

## How can I verify the latest version?

To verify your installed version against the latest version in PSGallery run the following then compare the results.

```
# Get module version from PSGallery
Get-Module BinaryTree.Power365 | select version
# Get installed module version
Get-InstalledModule BinaryTree.Power365 | select version
```

## How do I connect?

In order to connect to Power365 using PowerShell, you will need an API key generated from within Power365. Once you have an API key then run the following:

```
$apiKey = "<API Key>"
Connect-BTSession -ApiKey (ConvertTo-SecureString $apiKey -AsPlainText -Force)
```

## Where can I find help?

Help is only a command away. Each module has a help file to keep you updated on the latest cmdlets' functions and properties.

```
# Get a list of Binary Tree cmdlets
Get-Help *-BT* | select name, synopsis
# Get list of installed cmdlets and their parameters
Get-Command -Module BinaryTree.Power365 | select name, ParameterSets
# Get detailed help from a single cmdlet
Get-Help <command name> -Detailed
```