## Appian Experience

Persistent has significant BPM Expertise leveraging Appian platform. We are Appian’s oldest, largest global and first OEM Vendor and proud to have enhanced and maximized the value proposition for solutions provided and created enterprise efficiencies for the Appian deployments for 50+ customers, with the help of 250+ Appian practitioners for 200+ mission critical applications through our Appian Center of Excellence. As a Global Appian partner, Persistent draws upon Appian's thought leadership and significant BPM experience particularly in the BFSI domain. Persistent Systems has the right qualifications, experience, and maturity to deliver business critical solutions, addressing complex requirements and driving business outcomes

* Twelve years of Appian Centre of Excellence and BPM leadership
* Persistent Systems recognized as the Appian Partner of the Year for the Americas.
* Largest global Appian partner and Appian practice (250+ Appian Practitioners).
* 200 enterprise applications deployed with 60% being BFSI domain applications
* Largest number of apps in the Appian App Market.
* Cited as a Leader among BPM Service Providers by Forrester Research
* Cited as Top 3 player for Smartphone App Dev by Forrester Research.
* Appian Centers of Excellence: Sydney, Australia; Dublin, OH; Atlanta, GA; Pune, IN; Grenoble, Fr; Guadalajara, Mx

## **Appian Start/Stop Automation for On-premise Setup on Windows Platform**

## Introduction

Persistent Systems is a global company with 10,600 employees specializing in software product and technology innovation. Persistent utilizes fine-tuned product engineering processes to develop best-in-class solutions for our customers. Persistent’ s Product Engineering DNA, ingrained through deep hands-on experience in architecting, designing, implementing, supporting complex and progressive solutions, has 25 of the top 30 global technology companies leverage Persistent to fast-track their products to market. They entrust their ROI, shareholders expectations and success with us.

Persistent experience in Appian and Cloud technologies will be a differentiator in your Appian cloud journey

## Appian Start/Stop Automation for On-premise Setup on Windows Platform

**Introduction:**

Previously due to the Some reasons Appian server got down and to up the server, one of the persons from Admin team must check the Appian server, in the meantime the other Appian server will remain in down state unless and until admin take appropriate measures, to avoid it we have written the automation script it will up the Appian server automatically when system gets restarted.

**Obstacle:**

Due to windows update and System maintenance Appian server got down and due to this incident development related activity will stop and upon knowing this, developer will contact the Appian admin team regarding this issue.

After the above process Appian admin team will procced with work to up the server, reasons could be Windows update, windows restarted, or some had stop the Appian services and forgot.

Every time it required human efforts to up the server and due to this, delay occurs in development work and this process is time consuming and affect the Appian business

**Solution:** To solve the above problem and time-consuming process we have written the script which is useful to up the Appian server when the System gets restarted due to windows update automatically.

This script is basically built for windows server only, here we have written the script for both “standalone” and “distributed Environment” of Windows Machine.

**Functioning of Script**: The script follows the Appian recommended steps to up the Appian server.

The steps to up the server are as follows

1. Start the Appian Engines.

After starting Appian Engines, we must check the status of all the Engines, whether they were in running state or not, Once confirmed.

2. Start the Data server.

Again, check the status of it.

3. Start search-server.

4. Start the Web application server (Tomcat).

” and “distributed” Server and what change are required in script are explain in below sections (i.e. Section A and Section B)

**Working flow:**

The script working flow is as follows.

* First script check whether all Appian services is running or not if not then it will start executing script.
* First it will start “Appian Engines” and check the status of All engines, if the all engines status is in running state then it will go for Next steps, if all engines status is stop then it will stop executing next step.
* After Appian engines started it will start the next service which is “Data-Server”, again it will check health of data server if it is in true state then it will start next service otherwise stop itself.
* Once Appian Data-server started, it will start “Search-Server” and check if “ss.pid” is generated or not in search-server/bin directory, if ss.pid is generated then it will go for next step.
* Once the “ss.pid” is found then, script will start the Web Application Server (i.e. Tomcat) and after few minutes you will able to access Appian server.

This script will work in windows restart scenarios and if someone bring down the Appian server and don’t know how to up the server so in this case user need to restart the server then script will automatically up Appian services without human intervention.

This script will work on two types of Server namely as “standalone” and “distributed” environment setup.

About Persistent

Persistent Systems (BSE & NSE: PERSISTENT) builds software that drives our customers’ business; enterprises and software product companies with software at the core of their digital transformation.

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