

TCS' Jumpstart Portal User Guide

Submitted By



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1. Introduction

1.1.Objective

The objective of this document is to present the guide for using the CP4I Jumpstart portal. This document is for customers and account teams to bring modernization in their integration journey.

The reader must be familiar with the concepts of Integration & Cloud.

This document will form the basis of the overall offering TCS has built around Cloud Pak for Integration.

1.2.Conventions Used

This document used standard design documentation conventions.

Terms	Explanation
TCS	Tata Consultancy Services
CP4I	Cloud Pak for Integration
ACE	AppConnect Enterprise
IIB	IBM Integration Bus
RoI	Return on Investments
SCM	Source Control Management

2. Background

2.1.Logical Scope

TCS Integration experts are continuously trying to build reusable solutions and assets to address Technology Challenges and to find means to enable business to adopt Modern Integration Solutions in a Quick and risk-free Manner.

The services and solutions listed in the portal are the outcome of series of discussions and brainstorming sessions with industry leaders and Architects to help the customers and account teams in modernization their integration journey.

This document is intended to provide end-to-end usage guidelines of Jumpstart portal along with the listing of all the solutions and accelerators built by TCS team on CP4I.

2.2.Assumptions and Dependencies

For the successful execution of the assignment, we assume the following factors:

- 1) User should be familiar with the concept of Integration
- 2) User should have knowledge of CP4I

3. Overview

TCS' Jumpstart kit for Integration encompasses IBM' Cloud Pak for Integration platform spread across different levers of integration including Cloud Integration, API first strategy, Micro services, Containers, Hybrid Cloud and provides a comprehensive offering resulting in simplification and faster adoption of the platform.

TCS' Jumpstart kit for Integration provides a common repository of all the integration modernization offerings and solutions under one roof called TCS' Jumpstart Portal. Solutions and assets within TCS' Jumpstart kit for Integration span across different integration modernization phases. They cover areas such as assessment of current integration landscape, creation of blueprints covering granular details of integration modernization, recommendations on target deployment architecture, return on investments, and best practices. Further, it supplements tools and accelerators for code refactoring and deploys the refactored workload to the target state using DevOps automation. All these solutions are integrated and executed with a click of a button.

4. Jumpstart Portal Design

TCS' Jumpstart Portal aims to simplify and rapidly modernize integration platform with state-of-the-art accelerators and tools under one roof.

4.1. Login

User need to get registered in order to access the Jumpstart Portal. Please use the below link for registering the user

The screenshot displays the TCS Jumpstart Portal interface. At the top, a dark header bar contains the contact information: +91 848 594 5085 and jumpstart.support@tcs.com. Below the header, the page is divided into two main sections. The left section, titled 'SIGN UP NOW' with a pencil icon, prompts the user to 'Fill in the form below to get instant access'. It features a registration form with fields for 'First & Last Name', 'Email', 'Company Name', 'Designation', and 'Password'. Below these is a 'Security Question' section with a dropdown menu and an 'Answer' field. The right section, titled 'LOGIN TO OUR SITE' with a key icon, prompts the user to 'Enter Email and Password to log on'. It includes fields for 'Email' and 'Password', a 'SIGN IN!' button, and a 'Forgot Password' link. The TCS logo and 'TATA CONSULTANCY SERVICES' text are visible in the bottom right corner.

Figure 1 - User Registration

Post user registration, Jumpstart Portal admin has to login and authorize the user in order to access the portal and the assets integrated inside the portal.

All pending requests will be available under the Action for Jumpstart User tab. Once approved, the user can access the portal with their credentials. Service access can be modified anytime from the Jumpstart User Archive Data tab. Post successful login, the user can navigate through different offerings.

Please note users can access only the tools for which the admin has granted access. Otherwise they won't get navigated to the corresponding tool.

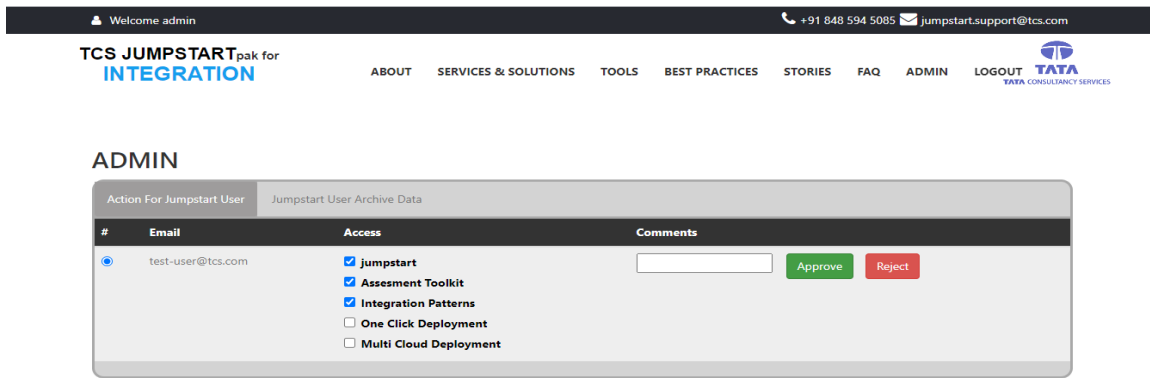


Figure 2 - Admin Authorisation Page

4.2. Portal Home Page

After successful authorization, user will get access to the Jumpstart Portal as shown in the figure below.

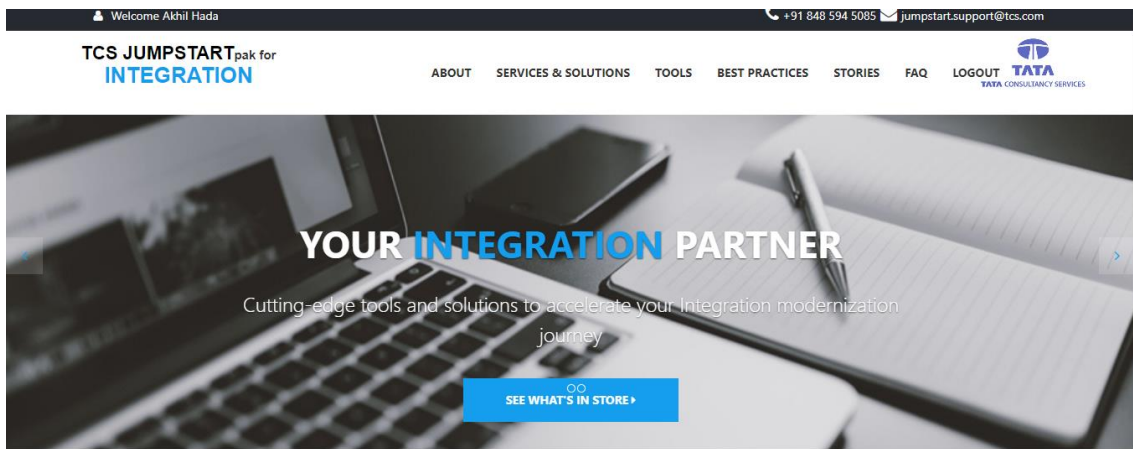


Figure 3 - jumpstart Portal Home Page

4.3. Tools & Accelerators

Tools and accelerators enable organizations to jump start their journey to Integration Modernization by quickly upgrading/migrating to the latest Cloud Pak for Integration from the older version of products in the target platform of their choice in the target platform of their choice (Azure, AWS, GCP, IBM Cloud, Corporate Data Centre etc).

The jumpstart pak offers the following tools and accelerators:

- Assessment Toolkit
- Integration Patterns
- One Click Deployment
- Multi Cloud Deployment

The user can access assessment toolkit from TOOLS->ASSESSMENT TOOLKIT.

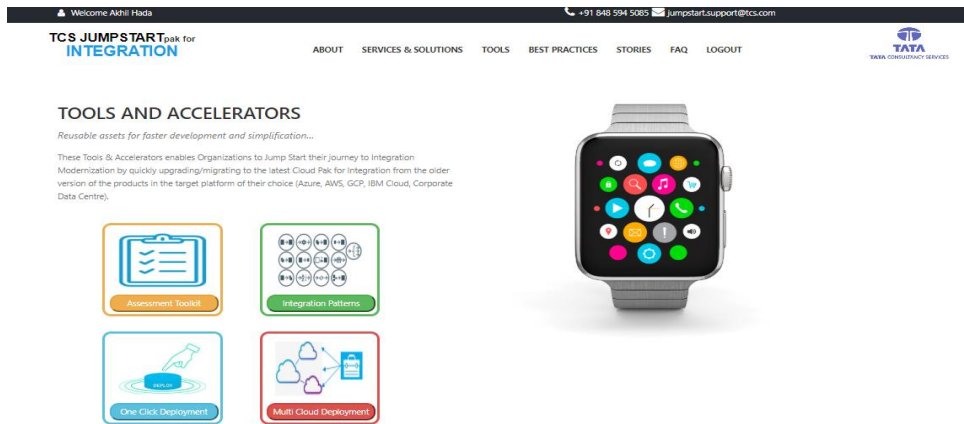


Figure 4 - Tools & Accelerators

Please refer the below section for the details on all the solutions inside Tools -> Tools & Accelerators

Assessment Toolkit

Assessment Toolkit is a starting point to assess customer(s) existing integration landscape. The tool breaks the entire integration ecosystem into technical, business, infrastructure and operations domains, analysing the answers received and creates a comprehensive report detailing tools, accelerators, Rol and best practices, which can be leveraged towards customer integration modernization journey.

Integration Patterns

Integration pattern is a repository of reusable flows which can be integrated into the enterprise message flows for better visibility, traceability and speed of development.

One Click Deployment

It is a single click solution to migrate and run your integration workloads inside containers across the platform of your choice.

Multi Cloud Deployment

It enables customer to deploy, run and manage their existing integration workloads inside container platform of their choice (Azure, AWS, IBM Cloud etc.)

4.3.1. Assessment Portal

The assessment toolkit page for a user who has access for assessment toolkit is shown above. The user can navigate to the assessment portal, where they can answer a set of questions. After submitting the data, the admin can generate a report based on the user's input. The user can download the assessment report from **TOOLS->ASSESSMENT TOOLKIT**. Please click to access the assessment report.

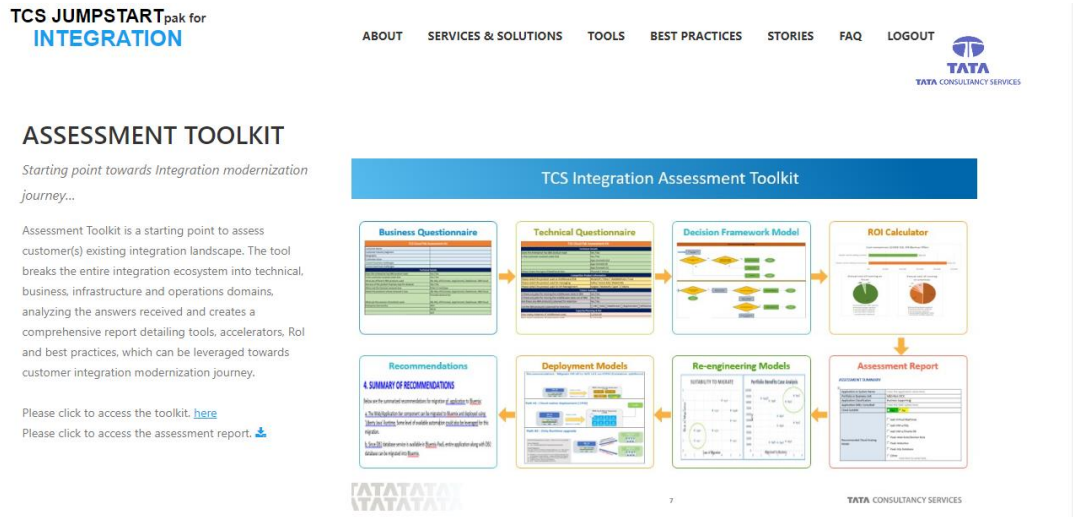


Figure 5 - Assessment Portal Home Page

On click of the link to access the Assessment Portal, user is navigated to the Assessment portal, where the user can login with the registered credentials.

Figure 6 - Assessment Questionnaire

The toolkit contains questionnaires for the following sections:

- Basic Details
- Business Vision
- Technical Details
- Competitor Product Information
- Future Roadmap
- Capacity Planning & RoI
- Additional Technical Details
- Audit and Monitoring

User can provide the feedback and save the form as they proceed. Once the user is satisfied with the data filled, they can submit the form. The form cannot be modified by the user post submission.

Admin dashboard for Assessment Portal

After the user submits the data, admin can view it from the admin's dashboard. The status will be **Yet to Start**.

Welcome admin

+91 848 594 5080
 jumpstart.support@tcs.com

CLOUD PAK FOR integration

ASSESSMENT TOOLKIT

LOGOUT

#	User Name	Email	Company	Status		
<input type="radio"/>	Akhil Hada	akhil.hada@tcs.com		Yet to Start	Report Generation	Edit Assignment
<input type="radio"/>	Mangesh Potdar	m.potdar@tcs.com		Yet to Start	Report Generation	Edit Assignment
<input type="radio"/>	Santhosh Ramanathan	r.santhosh@tcs.com		Yet to Start	Report Generation	Edit Assignment
<input type="radio"/>	test	test@tcs.com		Complete	Report Generation	Edit Assignment
<input type="radio"/>	Shilpa S	shilpa.11@tcs.com		Yet to Start	Report Generation	Edit Assignment
<input checked="" type="radio"/>	testuser	test-user@tcs.com		Complete	Report Generation	Edit Assignment

Figure 7 - Assessment Portal Admin Dashboard

The admin can select the user, edit the assignment and submit. Once the admin submits the assignment the status will be **Completed**. After this step, the admin can generate report based on the user's input by clicking on 'Report Generation'.

4.3.2. One-Click Deployment

One-click deployment tool is a single click solution to migrate and run your integration workloads inside containers across the platform of your choice...

One-click solution is designed for migrating existing IIB or ACE workload to IBM Cloudpak for Integration. It provides end-to-end automation that includes Checking out the Code from SCM system, Build deployable artifacts and Deploy to OpenShift container platform.

The screenshot displays the TCS JUMPSTARTpak for INTEGRATION portal. The header includes a welcome message for Akhil Hada, contact information (+91 848 594 5085, jumpstart.support@tcs.com), and navigation links (ABOUT, SERVICES & SOLUTIONS, TOOLS, BEST PRACTICES, STORIES, FAQ, LOGOUT). The main content area is titled "ONE-CLICK DEPLOYMENT" and describes a single-click solution for migrating integration workloads. It lists various tools and platforms supported, including Source Code Management (git, mercurial, subversion, cloudsmith, archiva), Repository Mgr (pulp), Infrastructure as a Code (IAC) Tools (Ansible, CHEF, puppet), and Deployment Environments (aws, vmware, google cloud, IBM). The workflow is shown as: Check out Code → Build → Store Deployable Artifacts → OR → Deploy on VMS (using IAC) → Infrastructure Configuration → Application Deployment. A video player at the bottom shows a 5:48 minute video.

Figure 8 - One-click Deployment Solution

4.3.3. Integration Patterns

Integration pattern is a repository of reusable flows which can be integrated into the enterprise message flows for better visibility, traceability and speed of development.

Please [click](#) to download the Kafka Integration Pattern.

The screenshot displays the TCS JUMPSTARTpak for INTEGRATION portal. The header is identical to Figure 8. The main content area is titled "INTEGRATION PATTERNS" and describes a common, reusable set of industry patterns. It explains that integration patterns are reusable flows that can be integrated into enterprise message flows. A diagram illustrates the process: Project Team (Integration Requirements) → Center of Excellence (Architects, Designers, Continuous Improvement, Integration Patterns, Frameworks) → Factory (Developers, Testers, New Patterns, Code Reviews) → Environment Support (Application Platform, SME, Kafka). A callout box highlights a "One time, main activity" which involves a "Technology specific process for correct selection of tools", "Consistent framework, ensuring standardisation", and "Promotes reusability, agility & simplification".

Figure 9 - Integration Patterns

4.3.4. Multi Cloud Deployment

Multi Cloud Deployment tool is an agile hybrid way of managing integration workloads across vendor products

It is very likely that the customer is running their application and integration workloads across variety of products and vendors. TCS Multi Cloud Deployment solution enables customer to deploy, run and manage their existing integration workloads inside container platform of their choice (Azure, AWS, IBM Cloud, GCP)

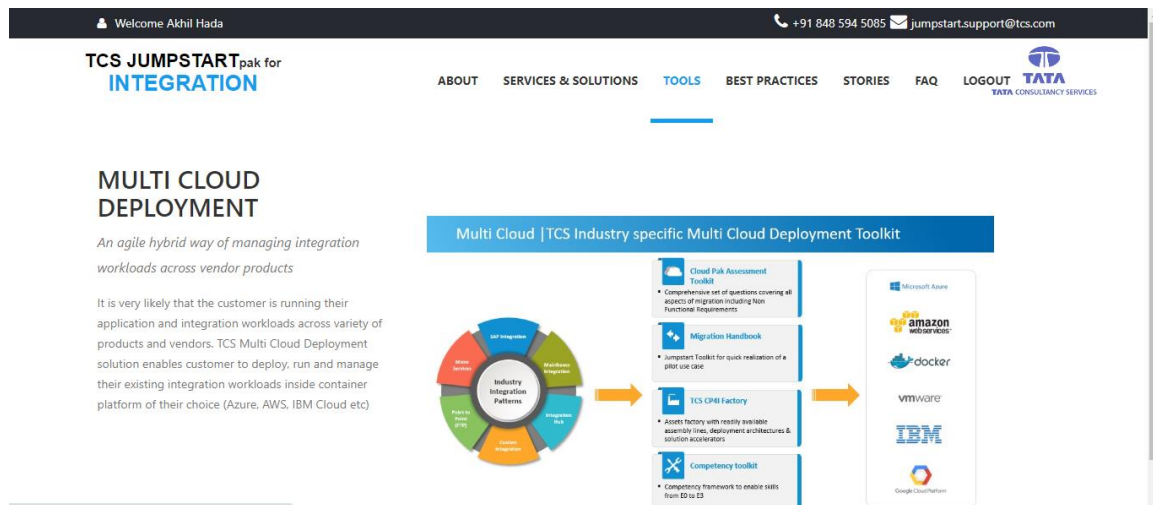


Figure 10 - Multi Cloud Deployment Solution

4.4. Best Practices

The user can find the best practices which will help to bring more value to the customer's existing investments under the BEST PRACTICES section. These practices were proposed by TCS Integration experts along with IBM and Solution Architects from different industries.

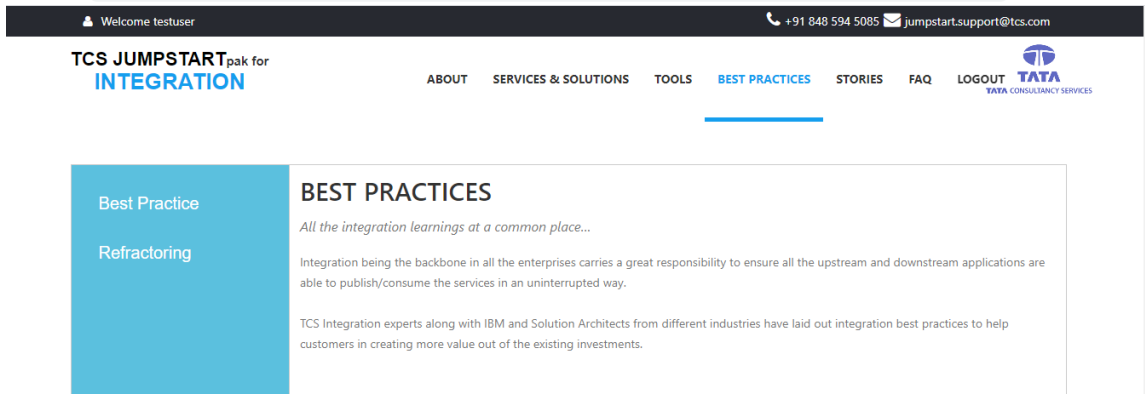


Figure 11 - Best Practices

Refactoring

The user can find refactoring code snippets and documentation of non-supported nodes of IIB in this section. These code snippets can be leveraged by the development teams for migrating their codebase from IIB v10 to ACE v11. These assets can be accessed by navigating to **BEST PRACTICES->Refactoring**.

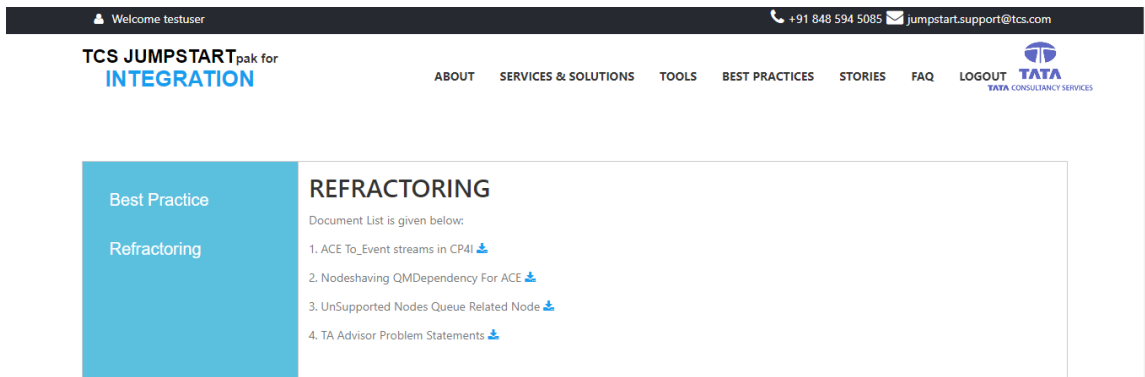


Figure 12 - IIB to ACE Refactoring

4.5.Stories

This section will have a repository of all the ready-to-use references on Cloud Pak for Integration

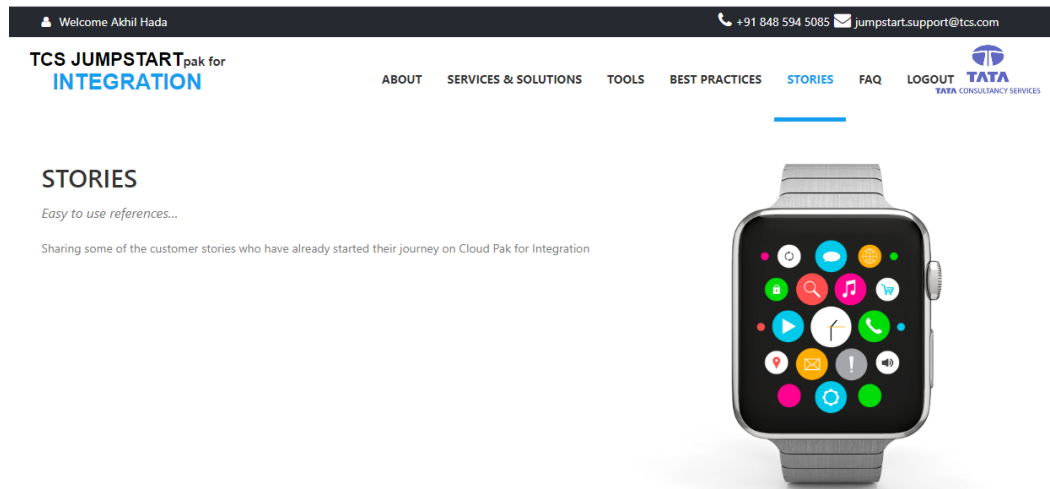


Figure 13 - User Stories

4.6.FAQs

The FAQ section is a repository of frequently asked questions on Jumpstart kit

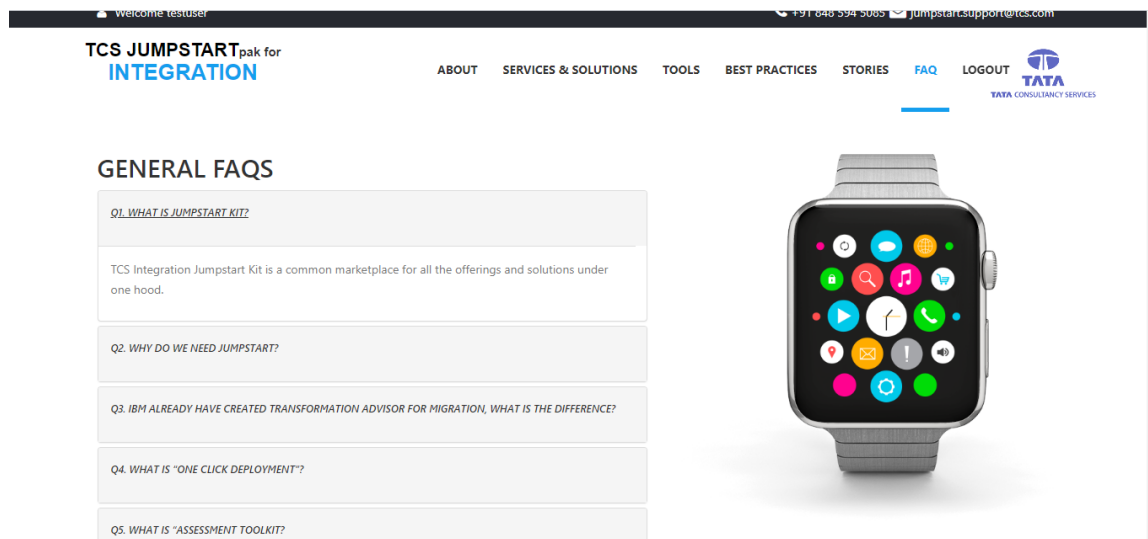


Figure 14 - Jumpstart kit FAQ

5. References

Topic	Reference Book/Site	Author	Section Referred
IBM Cloud Pak for Integration	https://www.ibm.com/in-en/cloud/cloud-pak-for-integration	IBM	
Accelerating Modernization with Agile Integration	http://www.redbooks.ibm.com/abstracts/sg248452.html?Open	IBM	
IIB to ACE on CP4I	https://developer.ibm.com/integration/blog/2020/02/20/modernizing-integration-migration-from-iib-to-app-connect-running-on-ibm-cloud-pak-for-integrationcp4i/	IBM	
ACE adoption paths	https://developer.ibm.com/integration/blog/2019/04/26/ace-adoption-paths	IBM	
ACE 11 migration approach	https://developer.ibm.com/integration/blog/2018/12/13/app-connect-enterprise v11 migration approach	IBM	
App Connect FAQ	https://developer.ibm.com/integration/docs/app connect enterprise/faq	IBM	
New features in App Connect Enterprise version 11.0.0.7	https://developer.ibm.com/integration/blog/2019/12/17/explore-the-new-features-in-app-connect-enterprise-version-11-0-0-7/	IBM	