

TMNA Onboarding & Build Process

Agenda

- ❑ Onboarding Process
- ❑ Build Process
- ❑ Release Management
- ❑ Questions

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TMNA TDP Build Process

- Create CI pipeline & Trigger build pipeline through PR/check-ins - <https://confluence.sdlic.toyota.com/display/TDP/Create+CI+Pipeline>
- Verification of Build on Jenkins -> SonarQube, Jfrog Artifactory
- Promote CI Builds
- Verify CD pipeline
- Release Management - Builds through XL Release through defined templates

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The screenshot displays the SonarQube web interface for the 'lexusdrivers' project. The left sidebar shows a list of releases from 'release5.3' to 'release7.0'. The main dashboard for the 'develop' branch shows a quality score of 77.98% (Coverage on 192 New Lines to cover) and 0.28% duplications (Duplications on 2.2K New Lines). It also displays security and maintainability scores. An activity graph at the bottom shows bugs, code smells, and vulnerabilities over time. The bottom of the image shows a Windows taskbar and a Teams meeting interface.

sonarqube.tnna-devops.com/dashboard/branch=release%2F5.6&id=com.tnna.adobe%3Aalexusdrivers

Overview Issues Security Hotspots Measures Code Activity More

MEASURES

Quality Gate Status: **Passed** All conditions passed

New Code Since March 11, 2022 Started 5 days ago

Overall Code

- 0 Bugs Reliability A
- 2 Vulnerabilities Security C
- 4 Security Hotspots (0) 0.0% Reviewed Security Review E
- 0 Debt Code Smells Maintainability A

79.5% Coverage on 4.6k Lines to cover Unit Tests 1.3k

2.7% Duplications on 20k Lines 52 Duplicated Blocks

ACTIVITY

Issues Code Smells Vulnerabilities

March 11, 2022, 6:00 AM 5.6.0-SNAPSHOT

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Windows taskbar: Type here to search, 64°F, 9:13 PM 3/29/2022

Zoom participants: CM, MR, Trupti Saxena, Manoj Kumar, Rajni Kumar, Srinivas Kumbaji, Uday Krishna Patraji, Hemant Chanchani, Chaitali Shah

sonarqube.tnna-devops.com/project/issues/branch=release%2F5.6&id=com.tnna.adobe%3Aalexusdrivers&resolved=false&sinceLeakPeriod=false&types=VULNERABILITY

Overview Issues Security Hotspots Measures Code Activity More

My Issues All

Filters

- Type: VULNERABILITY
- Severity: Minor 0, Info 0, Major 2
- Scope: 0
- Resolution: 0
- Status: 0
- Security Category: SonarSource 2, Others 0
- OWASP Top 10: 0
- SANS Top 25: 0
- CWE: 0
- Creation Date: 0
- Language: 0
- Role: 0
- Tag: 0
- Directory: 0
- File: 0
- Assignee: 0

Issues list:

- Cookie without the HttpOnly flag could be read by a malicious script to the browser. Why is this an issue? 3 months ago • 1.5k • T-1
- Cookie without the secure flag could be sent in clear text if a HTTP URL is visited. Why is this an issue? 3 months ago • 1.5k • T-1

2 of 2 issues

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Windows taskbar: Type here to search, 64°F, 9:14 PM 3/29/2022

Zoom participants: MR, Trupti Saxena, Manoj Kumar, Rajni Kumar, Srinivas Kumbaji, Uday Krishna Patraji, Hemant Chanchani, Chaitali Shah

Release Management

Item	Sign Off Provider
Functional Sign off	Application Team
Load Testing Performance testing results in Flood.io	EA
Static Scan / SAST (SonarQube)	EA
Jfrog Security Flaws	EA/Infosec
Dynamic Scan - DAST (Burp Suite/Git leaks)	EA/Infosec
Manual Penetration Testing (MPT)	EA/InfoSec
AWS Accreditation	Infosec
Code Review/Signoff	EA
Code Coverage in sonarqube – 80%	EA
Monitoring Setup integration with Pager Duty	Application Team
Synthetic monitoring on Dynatrace	Application Team

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Tripti Saxena



Mastour Inan



Rajiv Kumar



Srinivas Kumbaji



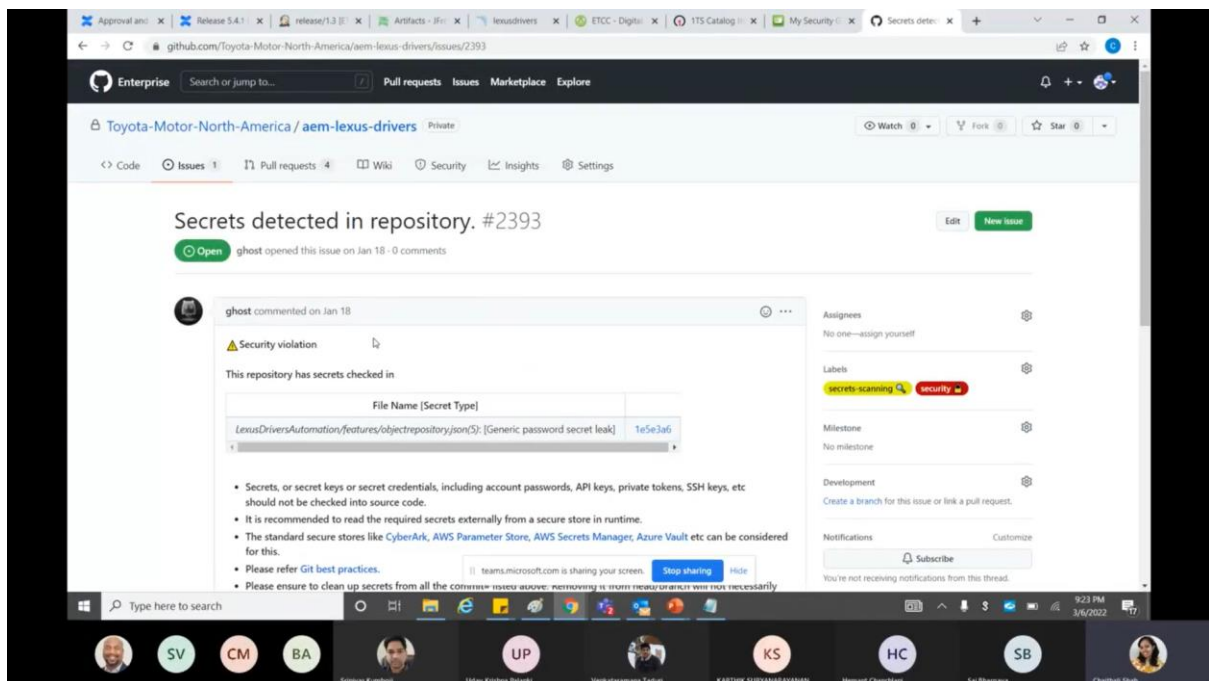
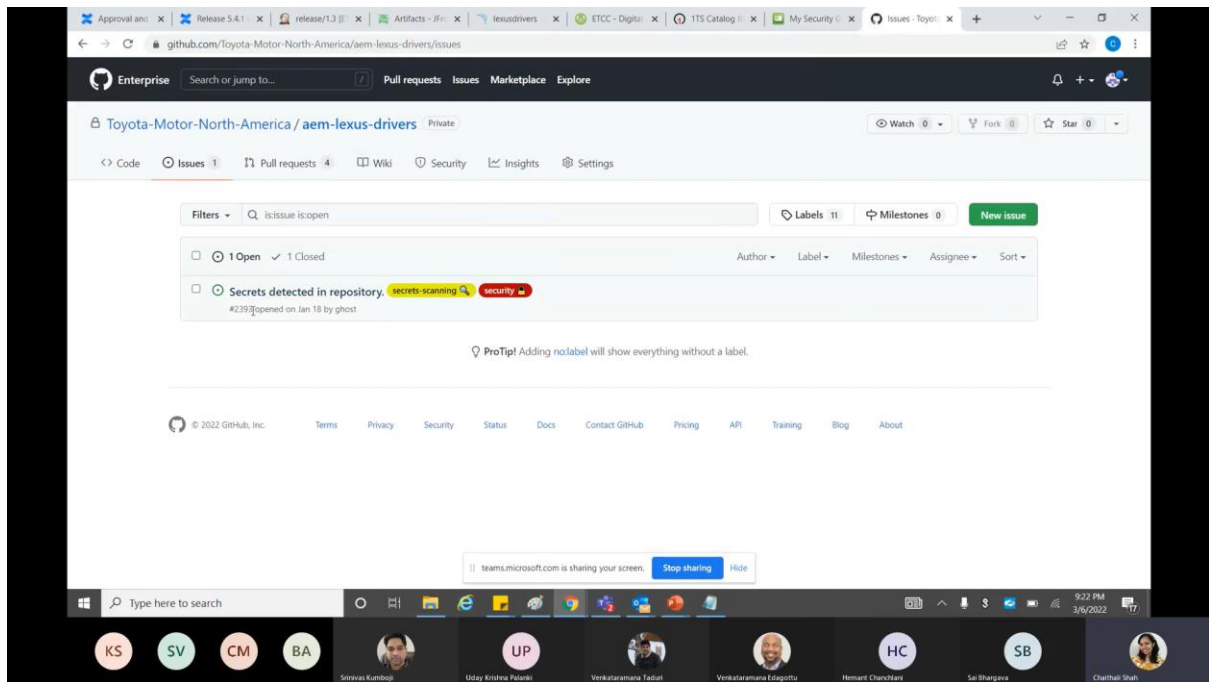
Uday Krishna Patanki



Hemant Chanchani



Charitha Shah



Area	Preferred TMNA Technology/Platform
Cloud Provider	AWS
Architecture	Serverless using Lambdas / Kubernetes on ECS Clusters
Infrastructure Automation	Terraform
Frontend Frameworks	Angular (Primary), React (Secondary)
Backend Services	Microservices using Lambdas / Containers using Kubernetes and ECS
Server	NodeJS
Programming Language	Typescript
Code Repository	GitHub
Code Quality	SonarQube
Build Tool	Jenkins
CI/CD pipeline	TMNA provided DevOps Pipeline
Package Repository Management	JFrog Artifactory
Defect Management	JIRA
Documentation	Confluence
Deployment Tool	XL Release
Performance Testing	JMeter using Flood.I/O platform
Business Process Automation/ Reporting	Pegasystems (on T3)
Application Monitoring	Datadog, Dynatrace (On T3), ELK on others (EFC)

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Click [here](#) for the TMNA confluence page

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Digital Modernization

	Frontend	Microservices	Business Process Automation
Cloud Provider/System	AWS	AWS	Pegasecosystems (on T3)
Architecture	Micro Frontend / SPA	Microservices architecture on Lambdas / Kubernetes on ECS	
Infrastructure Automation	Terraform	Terraform	
Server	S3 (Primary) , Apache (Secondary)	NodeJS / Kubernetes Containers	
Programming Language	Angular (Primary) React (Secondary)	TypeScript (Primary)	
Code Repository	GitHub	GitHub	
Code Quality	SonarQube	SonarQube	
Build Tool	Jenkins	Jenkins	
CI/CD pipeline	TMNA provided DevOps Pipeline	TMNA provided DevOps Pipeline	
Package Repository Management	JFrog Artifactory	JFrog Artifactory	
Defect Management	JIRA	JIRA	
Documentation	Confluence	Confluence	
Deployment Tool	XL Release	XL Release	
Performance Testing	Google PageSpeed / Lighthouse	JMeter using Flood IO platform	
Application Monitoring	Datadog, Dynatrace	Datadog, Dynatrace ELK on others (EFC)	

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The screenshot shows a presentation slide titled "Development Team Roles & Responsibilities" in a large, bold, black font. The slide is part of a PDF document, as indicated by the browser address bar showing "C:/Users/rusingh/Downloads/Toyota%20Academy.pdf". The Hitachi logo and tagline "Inspire the Next" are in the top right corner. A list of 8 bullet points details the responsibilities of the Dev Team. The slide is viewed in a browser window with a Windows taskbar at the bottom.

Development Team Roles & Responsibilities

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- Dev Team is responsible for high quality code and following industry best practices
- Dev Team should be self-organized, and self-contained
- Dev Team is responsible for meeting the Definition of Done
- Dev Team should ask questions to assure they understand the WHY of what is being asked of them
- Dev Team is responsible for mock data in lower environments
- Dev Team is responsible for assuring environments are ready for deployments and sanity testing
- Dev Team provides demo of completed work during sprint, in sprint review
- Dev Team is responsible for creating and meeting sprint commitment and goal
- Responsible for across team coordination in reference to dependencies

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Tracks L&D Guidance Sheet.xlsx

Full Stack Track		
Role	Training/ Certification	Learning Links
Architect	Certificate	Certified Kubernetes Administrator (CKA)
Architect	Training	AWS Cloud Application Services
Architect	Training	Kubernetes & Subcluster Applications
Architect	Training	Scripting: Python, TypeScript
Architect	Training	Node.js
Architect	Training	Microservices Design Patterns
Architect	Training	NoSQL Databases
Architect	Training	DevOps Tools
Engineer	Certificate	Oracle Certified Associate, Java SE 8 Programmer
Engineer	Certificate	Oracle Certified Professional, Java SE 8 Programmer
Engineer	Training	Enterprise Developer to Full Stack Developer
Engineer	Training	Full Stack Developer
Engineer	Training	Full Stack Developer Bootcamps
Engineer	Training	Full Stack Development with the MEAN Stack Bootcamp
Engineer	Training	Full Stack Development with Node.js Bootcamp
Engineer	Training	Node.js
Engineer	Training	Serverless
Engineer	Training	Development Tools
Engineer	Training	Development Methodology
Engineer	Training	Next Core
Engineer	Training	React
Engineer	Training	NoSQL
Engineer	Training	CI/CD Tools
Engineer	Training	Security
Engineer	Training	Unit Testing
Engineer	Training	Angular
Engineer	Training	Python
Engineer	Training	Code Quality Aspects
Engineer	Training	Spring
Engineer	Training	AWS Core Concepts
Engineer	Training	Perceptio Course ASP.NET MVC Web Applications: Introduction
Engineer	Training	Perceptio Journey Developer Fundamentals
Training	Training	Beast

Testing Track		
Certification Name	Level	Course
ISTQB Foundation Level Certification (CTL1)		https://hitachi.vantaara.com/courses/istqb-foundation-level-certification-ctl1
Perceptio Useful Courses: Testing Basics		https://hitachi.vantaara.com/courses/testing-basics
Perceptio Useful Courses: Planning and Effective Presentation		https://hitachi.vantaara.com/courses/planning-and-effective-presentation
Perceptio Useful Courses: Excel Skills		https://hitachi.vantaara.com/courses/excel-skills
Perceptio Useful Courses: Automation Testing	QA Foundational	https://hitachi.vantaara.com/courses/automation-testing
Perceptio Useful Courses: Selenium Automation		https://hitachi.vantaara.com/courses/selenium-automation
Perceptio Useful Courses: Automated testing - design patterns		https://hitachi.vantaara.com/courses/automated-testing-design-patterns
Perceptio Useful Courses: DevOps Principles		https://hitachi.vantaara.com/courses/devops-principles
Expert Insights on Giving Feedback		https://hitachi.vantaara.com/courses/expert-insights-on-giving-feedback
ISTQB Acceptance Testing		https://hitachi.vantaara.com/courses/istqb-acceptance-testing
ISTQB Agile Testing		https://hitachi.vantaara.com/courses/istqb-agile-testing
ISTQB Usability Testing		https://hitachi.vantaara.com/courses/istqb-usability-testing
ISTQB - Certified Test Engineer		https://www.softwareqa.com/courses/istqb-certified-test-engineer
CAS7 (Certified Associate in Software Testing)		https://www.softwareqa.com/courses/cas7-certified-associate-in-software-testing
Lambdatest Certifications - Selenium Python	QA Beginner	https://hitachi.vantaara.com/courses/lambdatest-certifications-selenium-python
Lambdatest Certifications - Selenium JavaScript		https://hitachi.vantaara.com/courses/lambdatest-certifications-selenium-javascript
Lambdatest Certifications - Selenium Java		https://hitachi.vantaara.com/courses/lambdatest-certifications-selenium-java
Lambdatest Certifications - Selenium C#		https://hitachi.vantaara.com/courses/lambdatest-certifications-selenium-csharp
Lambdatest Certifications - TestNG		https://hitachi.vantaara.com/courses/lambdatest-certifications-testng
ISTQB Mobile Application Testing		https://hitachi.vantaara.com/courses/istqb-mobile-application-testing
Certified Tester Test Automation Engineer (CT-TAE)		https://www.itag.org/certifications/ct-tae-automation-engineer
Lambdatest Certifications - Selenium Advanced	QA Intermediate	https://hitachi.vantaara.com/courses/lambdatest-certifications-selenium-advanced
ISTQB Advanced Agile Technical Testing		https://hitachi.vantaara.com/courses/istqb-advanced-agile-technical-testing
ISTQB Advanced Test Analyst		https://hitachi.vantaara.com/courses/istqb-advanced-test-analyst
ISTQB Advanced Technical Test Analyst		https://hitachi.vantaara.com/courses/istqb-advanced-technical-test-analyst
ISTQB Advanced Test Manager		https://hitachi.vantaara.com/courses/istqb-advanced-test-manager
ISTQB Expert Test Management		https://hitachi.vantaara.com/courses/istqb-expert-test-management
ISTQB Advanced Test Automation Engineer	QA Advanced	https://hitachi.vantaara.com/courses/istqb-advanced-test-automation-engineer
ISTQB Performance Testing		https://hitachi.vantaara.com/courses/istqb-performance-testing
Certified Software Test Automation Specialist (CSTAS)		https://hitachi.vantaara.com/courses/certified-software-test-automation-specialist
Certified Software Test Automation Architect (CSTAA)		https://hitachi.vantaara.com/courses/certified-software-test-automation-architect

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Tracks L&D Guidance Sheet.xlsx

Azure Training and Certification Track

Certification	Courses
Azure Fundamentals	
Azure Data Fundamentals	
Azure AI Fundamentals	
Security, Compliance, and Identity Fundamentals	
Microsoft Certified: Power Platform Developer	
Microsoft Certified: Power Platform Functional Consultant Associate	
Azure Administrator	
Azure IoT Developer	
Developing Solutions for Microsoft Azure	
Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB	
Microsoft Azure Security Technologies	
Microsoft Certified: Azure Solutions Architect Expert	
Microsoft Certified: Power Platform Solution Architect Expert	
Microsoft Cybersecurity Architect	
Designing and Implementing Microsoft	
Designing and Implementing an Azure AI Data Engineering on Microsoft Azure	

How to get started?

1. Create your account on Microsoft Learning Portal (LxP) - <https://es.microsoft.com/>. Make sure you log in with your Hitachi Vantara email ID, otherwise the free exam option will not be available.
2. Go to Microsoft-Delivered Courses.
3. Select the Roles under Filter by Role and Time Zone.
4. The search will show you Classroom options. Choose the best option and click on Register.
5. Make sure you complete the Pre-Req before you attend the workshop.
6. Once you complete your learning plan, the Exam Discount will be added to your LxP profile. You can book the exam using the same portal as well.

AWS Training and Certification Track

Certification	Level	Course Links
AWS Cloud Practitioner	Foundational	AWS Cloud Practitioner Essentials
AWS Cloud Practitioner		AWS Partner Certification Readiness - Cloud Practitioner (awscloud.com)
AWS Solution Architect Associate	Associate	Option1: Perceptio Channel - AWS Solutions Architect - Associate
AWS Solution Architect Associate		Option2: AWS Certified SA - Associate Bookmarks/Recording
AWS Solution Architect Associate		Option3: 7-week AWS Solutions Architect - Associate initiative launching on Monday
AWS Developer Associate	Associate	Solution Architect Associate Accelerator - Partner Learning Plan
AWS Developer Associate		Option1: AWS Certified Developer - Associate Channel (PS Test)
AWS Developer Associate		Option2: AWS Certified Developer Associate Bootcamp (14 hrs of registry)
AWS Developer Associate		AWS Partner Certification Readiness - Developer - Associate (aplashtat.com)
AWS Developer Associate		Developer Associate Accelerator - Partner Learning Plan
AWS SysOps Administrator Associate	Associate	Option1: AWS Certified SysOps Administrator - Associate Channel (17 hrs)
AWS SysOps Administrator Associate		Option2: AWS SysOps Administrator - Associate Bootcamp (14 hrs)
AWS Solutions Architect Professional	Professional	AWS Certified SysOps Administrator Associate - Accelerator Partner Learning Plan
AWS Solutions Architect Professional		AWS Certified Solutions Architect - Professional
AWS DevOps Engineer Professional	Professional	AWS Certified DevOps Engineer - Professional
AWS DevOps Engineer Professional		AWS DevOps Engineer Professional Certification Partner Learning Plan
AWS Advanced Networking	Specialty	AWS Certified Advanced Networking - Specialty
AWS Data Analytics	Specialty	AWS Certified Data Analytics - Specialty
AWS Data Analytics		Exam Readiness: Data Analytics - Specialty
AWS Database	Specialty	AWS Certified Database - Specialty
AWS Database		Exam Readiness: Database - Specialty
AWS Machine Learning	Specialty	AWS Certified Machine Learning - Specialty
AWS Machine Learning		Exam Readiness: ML - Specialty
AWS Security	Specialty	AWS Certified Security - Specialty
AWS Security		Exam Readiness: Security - Specialty
AWS SAP on AWS	Specialty	AWS PartnerCast - SAP on AWS Specialty Certification Journey - Session 1 of 10 - Technical
AWS SAP on AWS		AWS PartnerCast - SAP on AWS Specialty Certification Journey - Session 2 of 10 - Technical
AWS SAP on AWS		AWS PartnerCast - SAP on AWS Specialty Certification Journey - Session 3 of 10 - Technical
AWS SAP on AWS		AWS PartnerCast - SAP on AWS Specialty Certification Journey - Session 4 of 10 - Technical
AWS SAP on AWS		AWS PartnerCast - SAP on AWS Specialty Certification Journey - Session 5 of 10 - Technical
AWS SAP on AWS		AWS PartnerCast - SAP on AWS Specialty Certification Journey - Session 6 of 10 - Technical
AWS SAP on AWS		AWS PartnerCast - SAP on AWS Specialty Certification Journey - Session 7 of 10 - Technical
AWS SAP on AWS		AWS PartnerCast - SAP on AWS Specialty Certification Journey - Session 8 of 10 - Technical

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BA Track			
Course/Certification Name	Level	Training Link	Course Details (Percipio...)
Business Consulting	Foundation	Percipio Class Link	An introduction to Business Consulting
Design Thinking		Percipio Class Link	Design thinking enables organizations to create value by more effectively ideating to uncover
Internet of Things		Percipio Class Link	The Internet is everywhere, with numerous devices and appliances taking advantage of smart
Agile - For Hitachi Vantara		Percipio Class Link	An introduction to Agile
Hitachi Vantara - JIRA		Percipio Class Link	Explore Atlassian's software: JIRA, an issue tracking framework for project management, and
Introduction to Hitachi H-Fusion 2.0 Methodology		Hitachi University Guide	Introduces Hitachi Vantara project managers to the proprietary H-Fusion implementation
Scrum Guide from Scrum.org	Baseline	Summary Guide	Summary Guide
Agile Manifesto		Manifesto	Foundation for Agile Framework
HitV Agile Product Owner Certification		Percipio Class Link	This is a foundational level Agile Product Owner Certification Program designed for Hitachi
HitV Agile Team Member Certification		Percipio Class Link	This is a foundational level Agile Team Member Certification Program designed for Hitachi
Certified Business Analysis Professional	Intermediate	Percipio Class Link	Acquire knowledge in BA planning and creation of business solutions as you prepare for the
International Institute of Business Analysis (IIBA) -		IIBA.org Site Link	The Certified Business Analysis Professional (CBAP®) is a professional certification for
Business Analyst to a Data Analyst Journey		Percipio Class Link	Data Analysts interpret data and turn it into information that drives business decisions. This
PSPO I (Professional Scrum Product Owner II) Exam	Advanced	Percipio Class Link	The PSPO I certification represents a fundamental understanding of the Scrum framework.
Scrum - Professional Scrum Product Owner I (PSM)		Scrum.org Site Link	https://www.scrum.org/professional-scrum-product-owner-i-certification
PSM I (Professional Scrum Master level I) Exam		Percipio Class Link	The PSM I certification represents a fundamental level of Scrum mastery. PSM I certificate
Scrum - Professional Scrum Master I (PSM I)		Scrum.org Site Link	https://www.scrum.org/professional-scrum-master-i-certification
PSPO II (Professional Scrum Product Owner II)	Other Certification	Percipio Class Link	The PSPO II certification represents an advanced level of Professional Scrum Product
Scrum - Professional Scrum Product Owner II (PSPO)		Scrum.org Site Link	https://www.scrum.org/professional-scrum-certification/professional-scrum-product-owner-ii-certification
PSM II (Professional Scrum Master level II) Exam		Percipio Class Link	There are no formal prerequisites for this Bootcamp. The PSM I certification represents a
Scrum - Professional Scrum Master II (PSM II)		Scrum.org Site Link	https://www.scrum.org/professional-scrum-master-ii-certification
SAFE® Agilist (SA) Certification Preparation	Other Certification	For Selected Audience, chosen by	This workshop provides the knowledge necessary to lead a Lean-Agile enterprise by
Scaled Agile - SAFE® Agilist (SA) Certification		Scaled Agile Site Link	https://scaledagile.com/training/safe-product-owner-product-manager/
Scrum Alliance - Certified Scrum Product Owner		Scrum Alliance Site Link	https://www.scrumalliance.org/get-certified/product-owner-track/certified-scrum-product-owner
Scrum Alliance - Advanced Certified Scrum Product Owner		Scrum Alliance Site Link	https://www.scrumalliance.org/get-certified/product-owner-track/advanced-certified-scrum-product-owner
Scrum Alliance - Certified Scrum Professional	Other Certification	Scrum Alliance Site Link	https://www.scrumalliance.org/get-certified/scrum-master-track/certified-scrum-master
Scrum Alliance - Certified ScrumMaster		Scrum Alliance Site Link	https://www.scrumalliance.org/get-certified/scrum-master-track/advanced-certified-scrum-master
Scrum Alliance - Advanced Certified ScrumMaster		Scrum Alliance Site Link	https://www.scrumalliance.org/get-certified/scrum-master-track/certified-scrum-master
Scrum - Professional Scrum Product Owner III		Scrum.org Site Link	https://www.scrum.org/professional-scrum-certification/professional-scrum-product-owner-iii-certification
Scrum - Professional Scrum Master III (PSM III)	Other Certification	Scrum.org Site Link	https://www.scrum.org/professional-scrum-master-iii-certification
Scrum - Professional Agile Leadership I (PAL I)		Scrum.org Site Link	https://www.scrum.org/professional-agile-leadership-certification
Scaled Agile - Certified SAFE® Product Manager	Other Certification	Scaled Agile Site Link	https://scaledagile.com/training/safe-product-owner-product-manager/

L&D Guidance Sheet.xlsx		
Training/ Certification	Learning Links	Training/ Certification
AWS Solution Architect Associate	AWS Certified Solutions Architect - Professional	Training and Certification
	AWS Solution Architect Professional Certification - Partner Learning Plan	Training and Certification
IoT Services:		
GreenGrass	Percipio Course IoT Edge Computing: Introduction to AWS Greengrass	Training
	AWS IoT Greengrass Documentation (amazon.com)	Training
	AWS IoT Greengrass via Skill Builder	Training
Sitewise	AWS Skill Builder - Getting started with aws-iot-sitewise	Training
	AWS Skill Builder - Building with aws-iot-sitewise	Training
IoT Core	AWS IoT Core Documentation (amazon.com)	Training
Machine Learning Specialty for ML /DS engineers	The Elements of Data Science	Training and Certification
	AWS Certified Machine Learning - Specialty	Training and Certification
	Exam Readiness: ML Specialty	Training and Certification
AWS Certified Data Analytics – Specialty – Optional for Data Engineers	AWS Certified Security - Specialty	Training and Certification
	Exam Readiness: Security - Specialty	Training and Certification
Python Training to master for Application Development	Percipio Journey Pythonista to Python Master	Training
	Percipio Channel Python	Training
	Percipio Channel Python Fundamentals Bootcamp	Training
Python External Certifications	[Python Institute] PCPE: Certified Entry-Level Python Programmer	Certification - Entry
	[Python Institute] PCAP: Certified Associate in Python Programming	Certification - Associate
	[Python Institute] PCAT: Certified Associate in Testing with Python	Certification - Associate
	[Python Institute] PCAD: Certified Associate in Data Analytics with Python	Certification - Associate
	[Python Institute] PCPP1: Certified Professional in Python Programming 1	Certification - Professional
	[Python Institute] PCPP2: Certified Professional in Python Programming 2	Certification - Professional

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Digital Enterprise (SAP) – Training & Certification Tracks

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Skills/ Certifications Required	Learning Links	Training/ Certification
AWS Solution Architect Associate	AWS Certified Solutions Architect - Professional AWS Solution Architect Professional Certification - Partner Learning Plan	Training and Certification
Machine Learning Specialty for ML /DS engineers	The Elements of Data Science AWS Certified Machine Learning - Specialty Exam Readiness: ML Specialty	Training and Certification
AWS Certified Data Analytics – Specialty – Optional for Data Engineers	AWS Certified Security - Specialty Exam Readiness: Security - Specialty	Training and Certification

Skills/ Certifications Required	Learning Links	Training/ Certification
SAP Functional	List of Valid Certifications (sap.com)	Training and Certification
SAP Technical		
SAP Project Management		

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Learning Boot Camp – Other Content Links

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Skill Type	URL
Agile Boot camp	https://hitachivantara.sharepoint.com/sites/HCHFusionRAGileMethodologycopy/SitePages/Home.aspx
Business Analysis	https://hitachivantara.udemy.com/course/business-analysis-ba/
Docker	https://hitachivantara.udemy.com/course/docker-and-kubernetes-the-complete-guide/learn/lecture/11436614#overview
AWS Lambdas	https://hitachivantara.udemy.com/course/aws-lambda-serverless/
Spring Boot	https://hitachivantara.udemy.com/course/spring-boot-tutorial-for-beginners/
Mendix	https://academy.mendix.com/link/paths/82/Crash-Course
Test Driven Development	https://hitachivantara.udemy.com/course/test-driven-development-for-professionals/
Angular	https://hitachivantara.udemy.com/course/the-complete-guide-to-angular-2/
Automation	https://hitachivantara.udemy.com/course/webdriverio-tutorial-nodejs-javascript/
TypeScript	https://hitachivantara.udemy.com/course/understanding-typescript/
Jmeter	https://hitachivantara.udemy.com/course/learn-jmeter-from-scratch-performance-load-testing-tool/
QA Boot camp	https://hitachivantara.udemy.com/course/testerbootcamp/
Hitachi Percipio	https://hitachivantara.percipio.com/

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ENG

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Transformation Agenda

Talent Transformation

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57%
Resources SAP Certified

ITIL
86%
AMS team certified


75%
Up-Skill/X-skilling

Target
100% SAP certified
by Jan 2024

Target
100% resources to
be cross skilled in
SAP new-web
technology


Behavioral Program
Communication
Leadership
Great People Managers
Cultural awareness

On the cards for FY23

- Cyber security yearly refresh programs
- AWS Certification
- 100% SAP Certification
- 100% ITIL Certification
- Getting 10 key resources travel ready from offshore

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Learning Boot Camp – Other Content Links

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BSE...

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