ca technologies

Continuous Delivery for SAP Hybris

At A Glance

SAP Hybris is a multichannel e-commerce solution that drives positive customer experiences, making it one of the most critical systems for the online business. The pressure and demands of the market require you to bring out new ideas one step ahead of your competition; downtime and lags in releasing your product are simply not an option, because they directly harm the customer experience. With this in mind, you must mitigate the risk of changes in your production systems by continuously testing apps even in the early stages of the software development lifecycle--meaning your business relies more on accurate test data now than ever before.

KEY BENEFITS

- Improved customer experience and higher service availability due to end-to-end automation across the deployment pipeline

- Quick wins achieved using best practice out-of-the-box integrations for Hybris related release and deployment activities

- Defined handovers as well as increased visibility across deployment pipelines giving people the information they need to plan and manage releases

- Shift-left for faster feedback to development due to increased availability of test systems and increased productivity of testers, resulting in higher quality and increased customer experience

- Accurate test data from system refresh known as SAP Hybris System Copy as a self-service to your developers and testers to allow even more tests and better quality of your Hybris-based apps

KEY FEATURES

- A reliable and reusable model-based approach enables environment-agnostic deployment scenarios considering dev and ops related tools (e.g. collaboration, ticketing and monitoring)

- Automatically configure your artifacts considering the environment, target servers, and package or version specific parameters

- Automation-as-code

- Full support of open source software

Business Challenges

- Downtime caused by release negatively impacts customer experience

- Decreased service availability in various environments (e.g., test, production)

- Increasing number of releases that need to go live, risking stability

- Quality problems because of configuration drifts (per package/release, environment and target server) using manual or scripted approaches

- Finding bugs late in the game resulting in slow feedback loop

- No accurate test data

- Manual handovers and silo-thinking in and between dev and ops worlds

- Workload on Hybris experts is too high

- Deployments are highly critical due to dependencies on other systems (eg.,SAP, product data, billing, etc.)

- No centralized visibility across Hybris environments

Solution Overview

Continuous Delivery for SAP Hybris enables the modern enterprise to drive agility and speed for upgrades of core business apps, and enhances the stability and reliability for production releases of your ecommerce and satellite apps. Regardless of app complexity or environment location, deployment frequency and safety will increase, and the DevOps tool chain will be coherently orchestrated giving you the chance to introduce zero-downtime releases and continuous testing.

Critical Differentiators

- **Deepest compliance and audit support:** CA provides more than just visibility into deployment plans/pipelines and the who, what, when, where and how of every deployment. Continuous Delivery for Hybris can provide insight into what was changed outside of its control or purview. A unique Snapshot mechanism lets you compare configurations and file contents between live deployment endpoints. Continuous Delivery for Hybris Snapshots allow users to spot any changes made to your apps outside of your automation mechanics.

- **Automation-as-code:** Modern cloud infrastructure is described and managed as code. Modern DevOps and continuous delivery knowledge teams work in code; the role of code has moved beyond developers. Continuous Delivery for Hybris provides as-code capabilities, allowing you to ensure an automation standard across the enterprise with minimal adoption and process friction.

- **Interface flexibility:** CA Continuous Delivery Automation empowers development, QA and operations with self-service capabilities leveraging a flexible interface layer. UI, API or Web services allow all DevOps knowledge workers to access pre-built functionality (e.g., SAP Hybris System Copy) or interoperate with your deployment pipelines in the manner most comfortable for them. This interface flexibility leads to higher productivity output from your SDLC personnel.

Related Products

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CA Continuous Delivery Automation. Drive agility and speed to digital business apps and core commercial applications.

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