

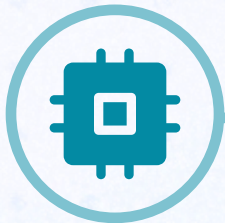
# 10 Advancements for Automated Release Management in 2023



Staying on top of new trends, tools, and practices related to automated release management helps teams stay safe and productive in the face of growing challenges.

Here are 10 ways automated release management is advancing in 2023:

**1 AI Predictive Analytics:**  
Predictive analytics can be used to analyze data and make predictions about future trends and events such as risk assessments, customer behavior, and fraud detection.



**2 Further Reliance on Cloud Computing:**  
Cloud-based release management tools and testing infrastructure are a crucial aspect of Salesforce DevOps for many companies, and this will continue to grow in importance.

**3 Containerization Technology:**  
Containerization technology provides a standardized environment for deploying and testing software, which helps release managers identify issues earlier in the release process.



**4 Improved Automation:**  
Organizations can further enhance the automation capabilities of their release management tools by incorporating new technologies such as AI and cloud computing.

**5 Greater Visibility:**  
Automated checks of Salesforce profile and permissions settings eliminate the threat of overexposed data, making companies much less likely to experience data exposures, corruptions, and deletions.



**6 Microservice Architecture:**  
Automated release management in a microservice architecture manages the deployment of individual services, as well as the orchestration of multiple services, to create a complete application.

**7 Insistence on DevSecOps:**  
DevSecOps integrates data security considerations into every step of the release management pipeline.



**8 Streamlined Feedback Loops:**  
By continuously collecting feedback at each stage of the development pipeline, the release management team can quickly identify and address any issues or bugs, reducing the time it takes to deliver a high-quality release.

**9 Anomaly Detection:**  
Anomaly detection refers to the process of identifying unexpected behavior in the DevOps pipeline. Machine learning is used to analyze data and identify unusual patterns or trends.



**10 Increased Collaboration Across Teams:**  
Automated release management tools are increasing their integrations with communication platforms like Microsoft Teams to update everyone working on a project about important milestones.