Copado - FAQ

About Copado

1. What is Copado?

- Copado is a cloud-based DevOps platform specifically designed for Salesforce. It enables continuous integration, continuous deployment (CI/CD), and end-to-end release management for Salesforce applications, helping teams to automate and streamline their development and release processes.

2. What is the Use of Copado in Salesforce?

Copado is utilized in Salesforce to streamline and enhance the DevOps process. It integrates seamlessly with the Salesforce platform to provide agile development methodologies, automate release processes, and optimize the software development lifecycle. Key uses include managing and tracking changes with version control, automating continuous integration and deployment (CI/CD) processes, simplifying sandbox and environment management, ensuring compliance and governance, and facilitating collaboration among development teams. By providing these functionalities, Copado enables Salesforce organizations to develop, test, and deploy more efficiently and effectively.

3. Is Copado a DevOps Tool?

Yes, Copado is a DevOps tool specifically designed for the Salesforce ecosystem. It is a comprehensive Salesforce-native platform that provides a range of DevOps functionalities tailored to Salesforce development and release management. Copado helps manage the entire development lifecycle, from planning and building to testing, deploying, and monitoring changes within Salesforce. It addresses the unique challenges of Salesforce development, offering solutions for version control, CI/CD, testing, compliance, and collaboration, making it a vital tool for Salesforce DevOps.

4. How to Install Copado in Salesforce?

Installing Copado in Salesforce involves a few key steps:

1. **Access Salesforce AppExchange**: Start by logging into your Salesforce org and navigating to Salesforce AppExchange.
2. **Search for Copado**: In the AppExchange, search for the Copado application.
3. **Install the App**: Once you find Copado, click on the 'Get It Now' or 'Install' button. You may be prompted to log in if you're not already logged in.
4. **Choose Installation Environment**: Select whether to install in your production environment or a sandbox for testing purposes.
5. **Approve Permissions**: Review the list of permissions requested by Copado and approve them to proceed.
6. **Complete the Installation Process**: Follow the prompts to complete the installation. Once installed, you'll find Copado available in your Salesforce org's App Launcher.
7. **Initial Configuration**: After installation, you may need to perform initial setup and configuration steps within Copado to tailor it to your organization's specific DevOps needs.

5. Where Should Copado Be Installed? Production vs Dedicated Org

The question of where Copado should be installed can be evaluated taking into consideration the following factors:

- Business/development continuity, assuming that the main production org is down and Copado's org is on a separate pod.
- Keeping an already complex org with many packages cleaner.
- API limits are higher in a main org in comparison with a small dedicated org. With regard to API limits, Salesforce has the ability to increase the daily API limits. On days with heavy usage, Copado may consume between 10k-20k API tokens.
- Segregation of business from an IT tool set, which may grow.
- A dedicated org can be governed/updated separately, outside the control of the main org.

Copado - How to

1. How can we Access Copado?

- Copado can be accessed by logging into the Salesforce environment where it is installed. It is available as a managed package on the Salesforce AppExchange, and once installed, users can access it from within their Salesforce instance.

2. What other DevOps Tools Copado integrates with?

- Copado integrates with various DevOps tools including Git, Jenkins, Bitbucket, GitHub, GitLab, Azure DevOps, Jira, and SonarQube, among others. These integrations help teams to streamline their workflows and leverage their existing toolsets.

3. How to connect Copado to Azure Repository?

- To connect Copado to an Azure Repository:
  1. Navigate to the Copado Home Page.
  2. Go to the “Connections” tab.
  3. Click “New” to create a new connection.
  4. Choose “Azure DevOps” as the type.
  5. Provide the required information such as the repository URL, access token, and other credentials.
  6. Save the connection.

4. How to Create Copado Credential?

- To create a Copado credential:
  1. Navigate to the Copado Home Page.
  2. Go to the “Credentials” tab.
  3. Click “New” to create a new credential.
  4. Fill in the necessary fields such as credential name, username, password, and environment.
  5. Save the credential.

5. How to Create Copado Snapshot?

- To create a Copado snapshot:
  1. Navigate to the Copado Home Page.
  2. Go to the “Snapshots” tab.
  3. Click “New” to create a new snapshot.
  4. Select the type of snapshot (e.g., org metadata, data).
  5. Choose the source environment and specify any additional settings.
  6. Click “Create” to generate the snapshot.

6. How to Integrate JIRA with Copado?

- To integrate JIRA with Copado:
  1. Navigate to the Copado Home Page.
  2. Go to the “Integrations” tab.
  3. Click “New” to create a new integration.
  4. Choose “JIRA” as the integration type.
  5. Provide the necessary details such as JIRA URL, username, and API token.
  6. Configure the mapping of JIRA fields to Copado fields.
  7. Save the integration.

7. How to perform a User Story Commit in Copado?

- To perform a User Story Commit in Copado:
  1. Navigate to the relevant user story in Copado.
  2. Click on the “Commit Changes” button.
  3. Select the components to be committed.
  4. Review the selected components and add any additional commit messages.
  5. Click “Commit” to finalize the commit process.

8. How to create a Connection Behavior on Copado Pipeline?

- To create a connection behavior on Copado Pipeline:
  1. Navigate to the Copado Home Page.
  2. Go to the “Pipelines” tab.
  3. Select the pipeline where you want to create the connection behavior.
  4. Click on the “Edit” button.
  5. Add a new connection behavior by specifying the source and target environments, and any additional settings.
  6. Save the pipeline configuration.

9. How to execute Static Code Analysis in SonarQube using Copado?

- To execute Static Code Analysis in SonarQube using Copado:
  1. Ensure that SonarQube is integrated with Copado.
  2. Navigate to the Copado Home Page.
  3. Go to the “User Stories” tab.
  4. Select the user story you want to analyze.
  5. Click on the “Static Code Analysis” button.
  6. Choose SonarQube as the analysis tool.
  7. Configure the analysis settings and click “Run Analysis.”

10. How can we integrate Copado with Azure Pipelines?

- To integrate Copado with Azure Pipelines:
  1. Navigate to the Copado Home Page.
  2. Go to the “Integrations” tab.
  3. Click “New” to create a new integration.
  4. Choose “Azure Pipelines” as the integration type.
  5. Provide the necessary details such as Azure DevOps organization, project name, and personal access token.
  6. Configure the pipeline triggers and mapping.
  7. Save the integration.