




Cloud API Management Overview and Demo

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Miguel Morales

Senior Global Learning Content Lead
Boomi

Agenda

01 Overview

02 Cloud API Management Demo

03 Q&A



Demo Details

1. Overview of Boomi API Service Components
2. Configuring Organizations, Portal Access Groups
3. Creating and configuring API Definitions and EndPoints
4. Creating Packages and Plans
5. Verifying the Interactive Documentation
6. Applications and Package Keys
7. Developer Portal

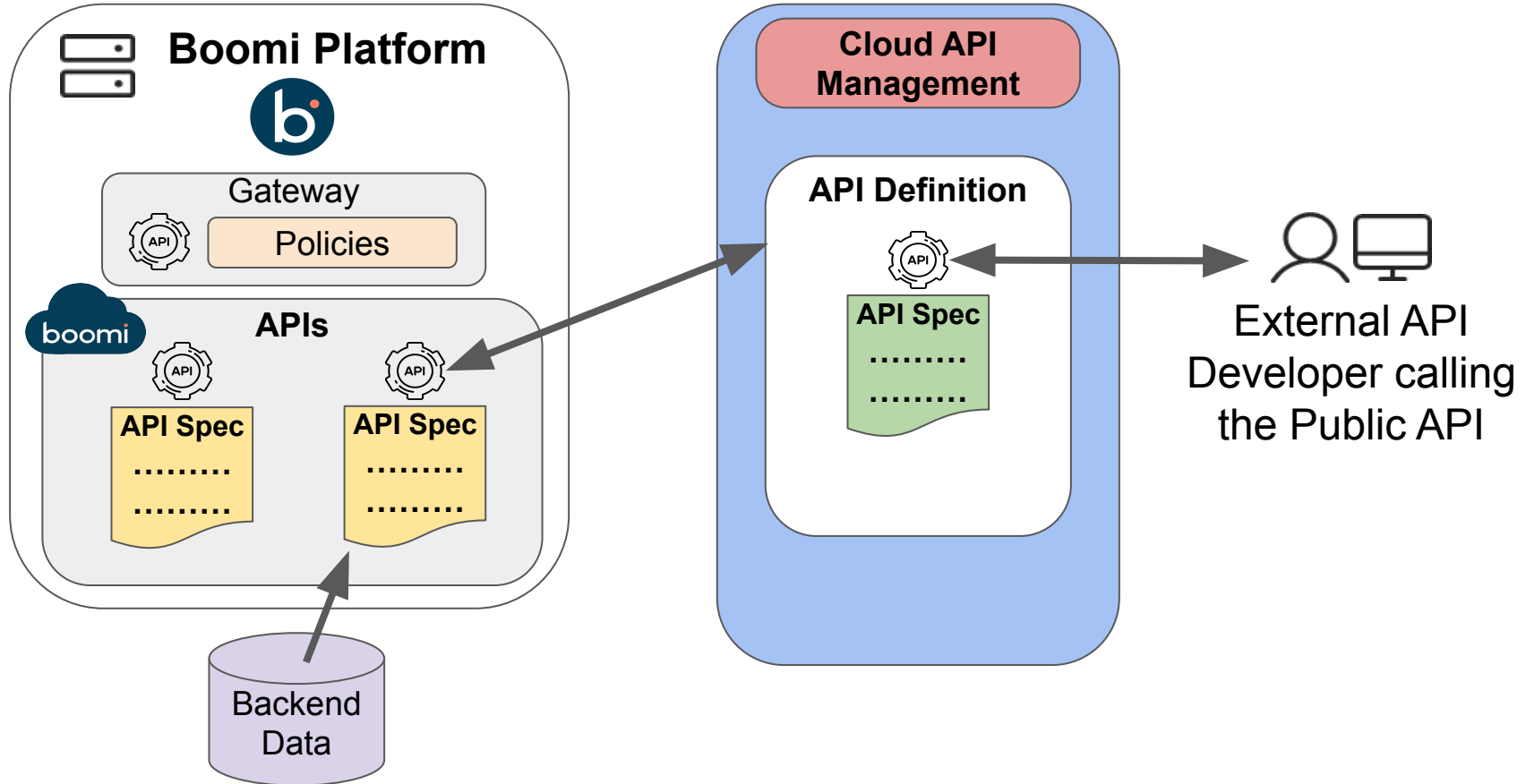


What is Boomi Cloud API Management?

Boomi Cloud API Management is a comprehensive solution designed to facilitate the creation, deployment, and management of APIs across various environments, including cloud, on-premises, and edge computing. It empowers organizations to effectively expose, govern, and secure their APIs, enabling seamless integration of applications, data, and devices. Here are some of the key components of Cloud API Management:

1. **Organizations & Portal Access Groups:** These are categories to group users and design security.
2. **API Definitions:** These are the Cloud API Management Public APIs used by external API developers.
3. **Packages and Plans:** Used to allow access to the APIs. Like Unlimited to 100 Calls per Minute.
4. **Interactive Documentation:** Feature used to design the Developer Portal via the Public API Specification.

High-Level CAM Solution





Enhancing Security and Governance with Cloud API Management

- **Centralized Security Policies** - Cloud API Management serves as a central hub for managing security policies across all APIs. This centralization ensures uniform protection against unauthorized access and cyber threats.
- **Input Data Validation and Sanitization** - Ensuring that all input data is validated and sanitized helps protect against common vulnerabilities, such as injection attacks, which can compromise API security.
- **Rate Limiting and Throttling** - By restricting the number of API requests a user or application can make within a specific timeframe, rate limiting helps mitigate the risk of Denial of Service (DoS) attacks and prevents API abuse.
- **Security Logging and Monitoring** - Implementing comprehensive logging and monitoring of API access allows organizations to quickly identify and respond to suspicious behavior or potential security breaches, enhancing overall security posture.

API Management Demo



Recap

- What is Cloud API Management
- Functionality (API Definitions, Packages, Plans, Developer Portal)
- Security and Governance


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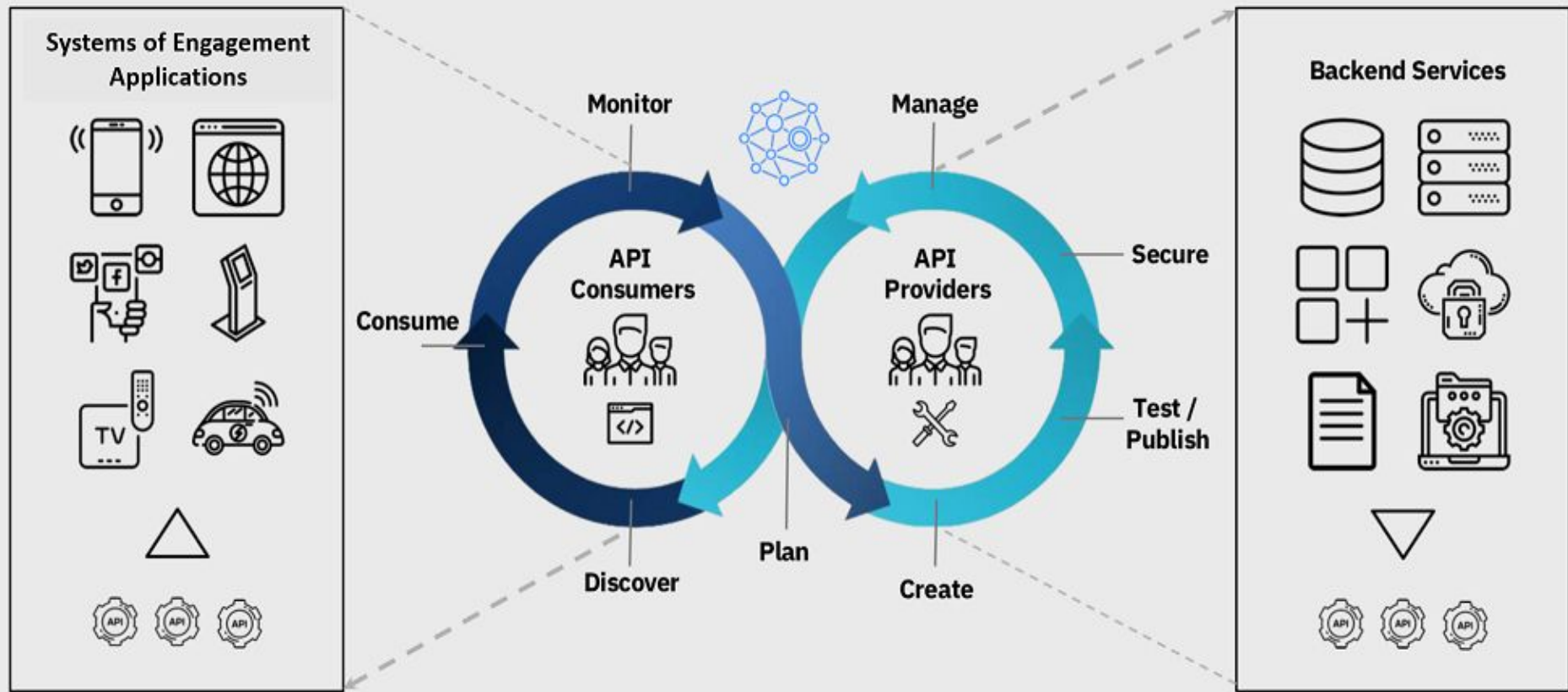
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Questions?

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1. Within an API Service, can I provide access to diff resource endpoints to diff Consumer Apps i.e. access at the resource level?
 2. What are scenarios when you would use a Proxy and when you would use a Gateway?
 3. How to add documentation in the API.
 4. We already have APIM. Why do we need Cloud APIM?
 5. How it's different from Local Cloud version?
 6. How do I migrate from the Boomi Gateway to the Cloud APIM?
 7. What are best practices for deploying new endpoints to existing endpoints?
 8. How a developer portal can be more sophisticated for easy onboarding of customers.
 9. Where does Cloud API Management fall in the API Management lifecycle?

Part 1 - How can AI enhance API Lifecycle Management?



Article shared by Dr.Nilesh Roy from Mumbai (India)