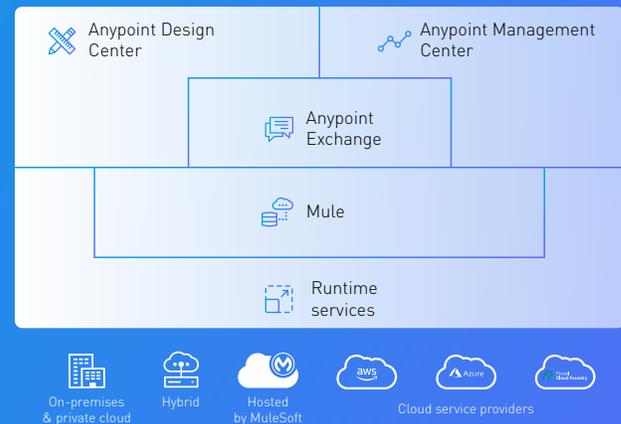![MuleSoft]

Anypoint Platform

MuleSoft's Anypoint Platform™ is the leading enterprise platform for building APIs, integrations, and application networks. Uniquely built as a single solution, Anypoint Platform is optimized for designing, developing, and managing APIs and integrations that can be deployed on-premises, in the cloud, or hybrid.

Anypoint Design Center | Anypoint Management Center | Anypoint Exchange | Mule | Runtime services

On-premises & private cloud | Hybrid | Hosted by MuleSoft | Cloud service providers

⬢ Start from Anypoint Exchange

Anypoint Exchange is the central repository of resources for Anypoint Platform, which includes connectors, templates, examples, and APIs. Discover and reuse hundreds of assets, curate documentation and examples, manage developer access, and drive adoption and collaboration of your assets. Within Anypoint Exchange, you can also:

- Create portals to share APIs with internal, external, or select users
- Test API specifications without implementation using a mocked service
- Generate interactive tutorials with API Notebooks

⬢ Design APIs & integrations

Anypoint Design Center provides a comprehensive set of development tools that make it easy to design, test, and implement APIs, build integrations, and create connectors for any system. Within Design Center, you can:

- Design, auto-document, mock, test, and validate RAML- and OAS-based API specifications.
- Build integration flows using an easy, low-code environment by following a guided walkthrough, accepting or modifying automated data mapping recommendations, and deploying with one click.
- Connect systems, integrate applications, and implement APIs graphically or with code in **Anypoint Studio**, the unified integrated development environment (IDE) for Anypoint Platform. Within Studio you can:

Query and transform data (e.g. JSON, EDI, XML and Cobol Copybook) using **DataWeave**, in real-time or batch, and filter, aggregate, and sort data of any volume.

Build integrated and unit tests automatically with **MUnit**, the Mule application testing framework. Leverage both mocked and active data during test execution, and use tests in your CI/CD pipeline with complementary support for Jenkins, Maven, Git, and more.

⬢ Run APIs and integrations on Mule

Mule powers Anypoint Platform as the singular runtime engine for APIs and integrations, deployed to the cloud, on-premises or hybrid. Use Mule for synchronous or asynchronous integration in real-time or batch execution. Mule's distributed architecture with message replication and persistence ensures 0 message loss, availability, and reliability.

Mule SDK is a software development kit with a simple annotation-based programming model for extending Mule to create reusable connectors, routers, and modules. Mule SDK injects cross-cutting functionality like streaming, media-type handling, and reconnection into existing modules without the need to rebuild them.

Deploy and manage anywhere

Anypoint Platform can be seamlessly deployed anywhere: public or private clouds, on-premises and hybrid. MuleSoft supports all deployment models for development, deployment and management.

CloudHub is a fully MuleSoft-managed cloud solution without the need to maintain or configure hardware. It is a highly available, multi-tenant solution with 99.99% uptime, and global runtime deployment options across 12 regions.

Anypoint Runtime Fabric is a container service that orchestrates and automates Mule runtime deployment across Microsoft Azure, Amazon Web Services, and data centers. Gain the benefits of a cloud solution on-premises with automated application isolation, zero-downtime re-deployments, and horizontal scalability.

Centrally manage, monitor and analyze

Manage all aspects of Anypoint Platform, whether on-premises or in the cloud, with Anypoint Management Center.

- **Access Management:** Provision users and groups with the right access to resources and functionality within Anypoint Platform. Leverage pre-built integration with LDAP and single sign-on solutions, like PingFederate, OpenAM and Okta.

- **API Manager:** Manage, proxy, version control, and secure APIs. Use pre-built policies provided by MuleSoft and add or reuse custom policies.

- **Runtime Manager:** Deploy and manage APIs and integrations in the cloud or on-premises. Automate deployments by using runtime APIs and plugins for existing frameworks.

- **Anypoint Analytics:** Get full visibility into the business transactions and events of your integrations, and analyze data across one or multiple APIs with customizable dashboards.

- **Anypoint Monitoring:** Identify issues, map dependencies, monitor application health, and manage logs in one unified interface.

- **Anypoint Visualizer:** Gain a real-time, holistic view of all running APIs and integrations and how they're connected, and troubleshoot quickly with error rates, throughput, and response time segmentation.

Secure your APIs and integrations

Anypoint Platform provides security by default, compliant with industry standards such as ISO 27001, SSAE 18, SOC 1 and 2 certification, and PCI-DSS. Apply security in layers as you design APIs, adding out-of-the-box or customized policies, and managing access levels per user or business group. Furthermore:

- Apply **edge protection** to all API gateways to guard incoming traffic for any irregularities or breaches. Encrypt traffic with SSL/TLS handshakes and certificates, and protect applications against malicious content threats and distributed denial of service (DDoS) attacks.

- Mitigate risk of breaches as data moves across the enterprise. With format preserving, vaultless **tokenization**, protect data at rest or in-flight and meet PCI/PHI/PII compliance and data residency requirements like GDPR.

Scale with Runtime Services

Anypoint MQ is a multi-tenant, cloud messaging service that is infinitely scalable. It supports advanced asynchronous messaging scenarios such as queueing and pub/sub. Anypoint MQ can also support in-memory messages, timestamping and non-repudiation logic built on Mule applications.

Object Store persists data for retrieval across any cloud deployment models. Use it to store state between messages, and to share temporary data across Mule workers for watermarking variables and API caching.