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Migration from Mulesoft 3 to Mulesoft 4



Why Migrate

- Mule version 3.X reaching end of support or end of life - [Link](#)
- Cost saving and performance improvement from new version of mulesoft e.g. Self tuning runtime engine, Advance streaming support, less development time. [Link](#)
- Support to all latest connectors and its features
- Mule 4 increases development speed by using less number of components
- Team does not need to maintain and learn multiple Mule versions.
- Leverage new functionality to support digital transformation initiatives easily
- Reduce technical debt and help innovation.
- To take advantages of limited time mulesoft support in terms of infrastructure with no cost to customers.
- Leverage new digital transformation API and support to all latest connectors.
- Cost saving and performance improvement from new version of mulesoft e.g. Self tuning runtime engine, Advance streaming support, less development time.
- Reduce cost of administration and management with new tools and fast development
- Leverage new functionality to support digital transformation initiatives easily
- Reduce technical debt and help innovation

Challenge with migration

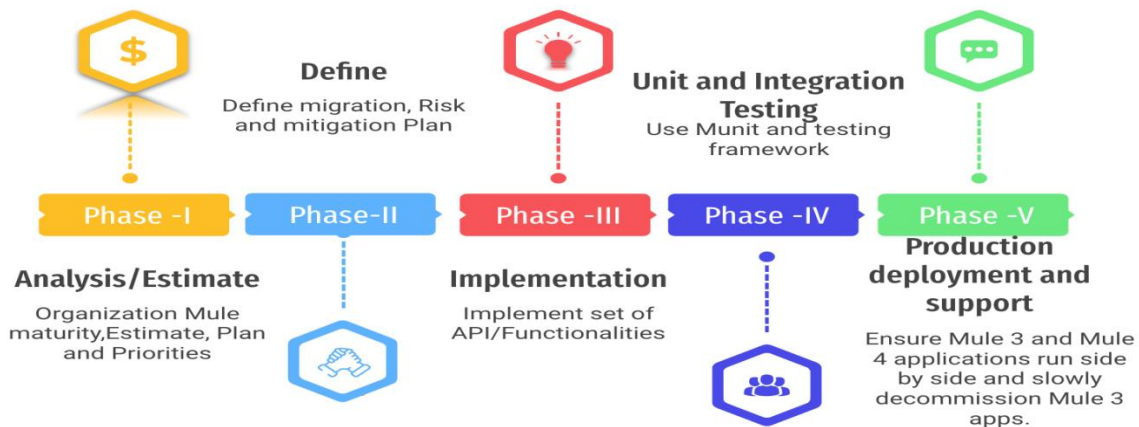
- Developing risk assessment and mitigation plan
- Identifying migration best practices
- Team bandwidth
- Need of automation and latest tools
- Define flexible migration strategy
- Flexible implementation migration plan without impacting existing business functionalities and operations.
- Need of expertise in Mule 3 and Mule 4 components
- Advance SDLC tools to support migration.

Intellyk approach for mulesoft migration

- We have a risk assessment and mitigation planning framework built from multiple migrations in the past
- IP led approach to reduce the manual work involved in estimation and migration
- Tried and tested migration methodology at various customers
- Knowledge of existing challenges, issues and resolutions across multiple deployment models like Cloud hub, Hybrid and RTF.
- Regression and integration testing framework reduces manual work.
- A cut over plan using industry proven Strangler pattern.
- End to end migration support.

Our typical approach / plan

- Migration assessment - > IP led pilot -> Pilot / POC test -> Final migration plan - > Migration -> manage and support



Why Intellyk

- IP led approach with risk assessment framework and Migration assessment tool
- Experienced team who has done 50+ migration in last 12-15 months
- Best practices led migration plan

Use cases - An American provider of biopharmaceutical services. They support clients in more than 100 countries, with approximately 20,000 employees. They conduct clinical trials on behalf of their pharmaceutical clients to expedite the drug approval process. They have been losing market share over the last few years to their competitors due to the fact they were unable to respond quickly to their customers. They realized they needed a massive change in their business and embarked on a transformation initiative.

Main Drivers

- Zero impact to existing business functionality and new developments.
- Proven migration approach and testing framework increase quality of deliverable and business confidence.
- Clear and proven migration plan gives end-to-end visibility.
- Enhanced Migration tool gives Improve delivery speed, agility, and faster developer on-ramp
- Pre and post Go-live support.