IntSwitch

Incture®

IntSwitch - "Switching Integration platform"
Move from MuleSoft to SAP Integration Suite
Migration Assessment Report

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Introduction:-

IntSwitch, Incture's in-house Migration tool from MuleSoft to SAP Integration Suite

IntSwitch automatically analyses your MuleSoft Interfaces, and the assessment would include the overview of the Interfaces in the current landscape, the complexity of the interfaces and accordingly the effort estimate, required to migrate the interfaces can be derived.
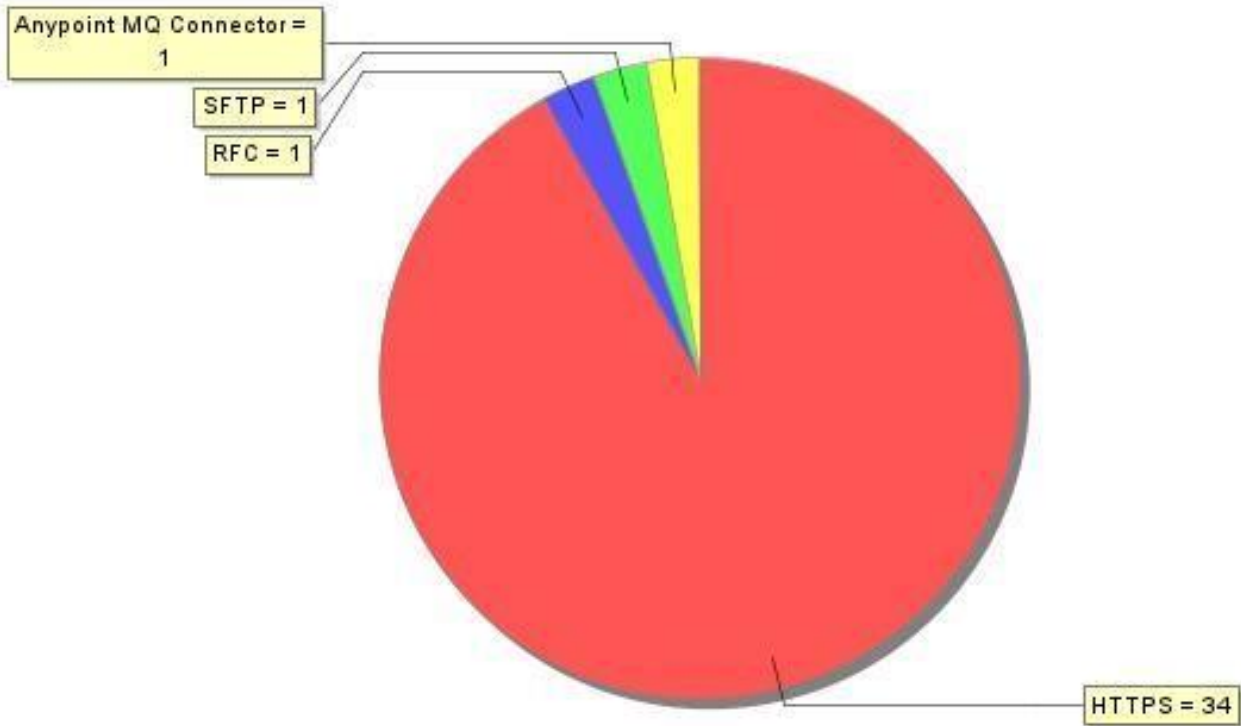
The results of assessment are detailed in this report, with recommendations based on Incture's best practices and previous project experiences.

Executive Summary:-

Based on our migration assessment, we would estimate the following as per the report mentioned below. The report would help in expedite the estimation required for the migration project but the further exploration, discussions would be recommended in order to achieve best possible estimates and assessments. After reviewing the report, we would recommend getting in touch with the Incture team on the next steps.

Connectors Used
This pie chart depicts the connectors used in the given APIs

Anypoint MQ Connector = 1

SFTP = 1

RFC = 1

HTTPS = 34

● HTTPS = 34 ● RFC = 1 ● SFTP = 1 ○ Anypoint MQ Connector = 1

Sender Connectors

values

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |

Adapters

■ HTTPS ■ RFC ■ SFTP □ AnyPoint MQ
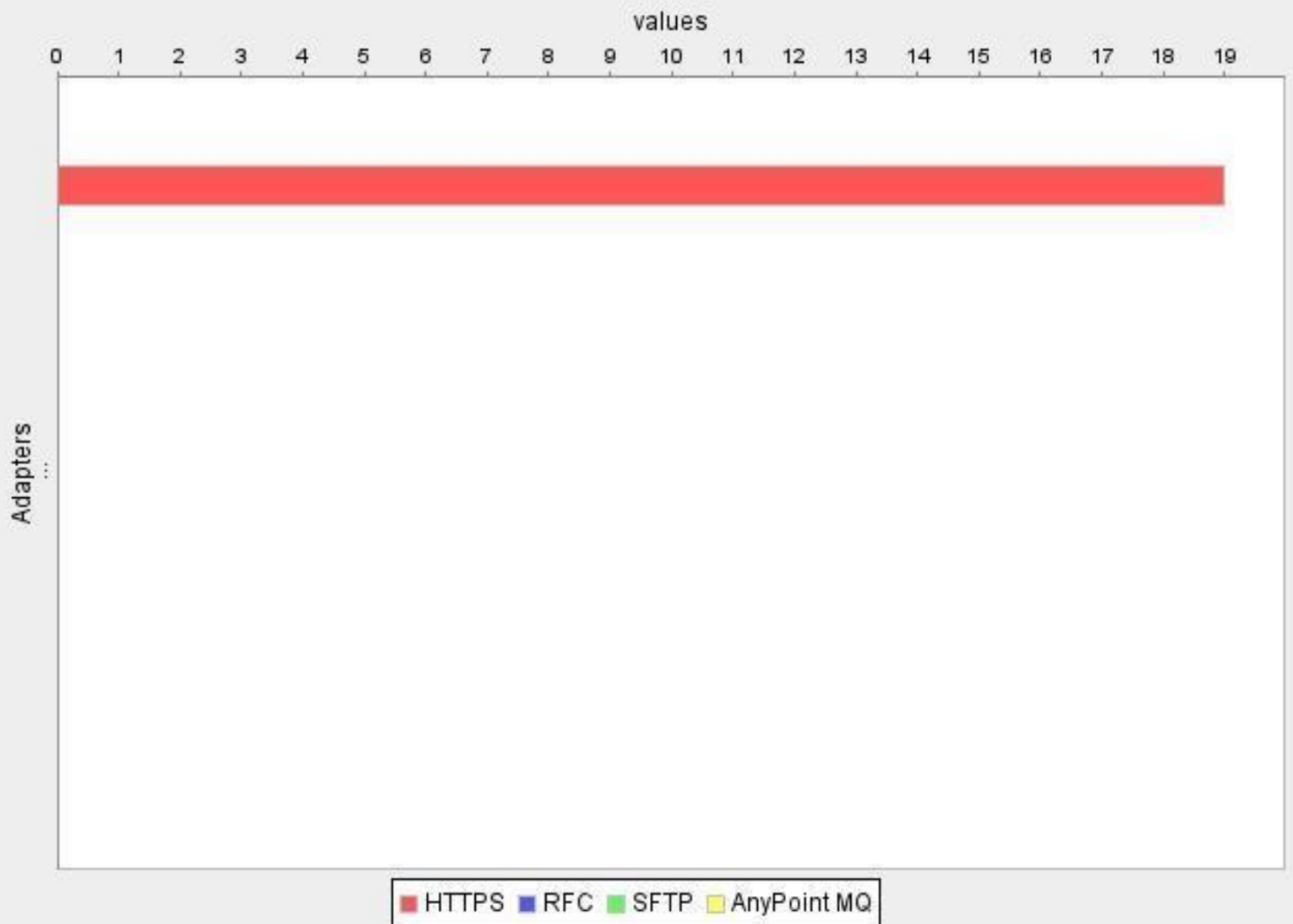
Receiver Connectors
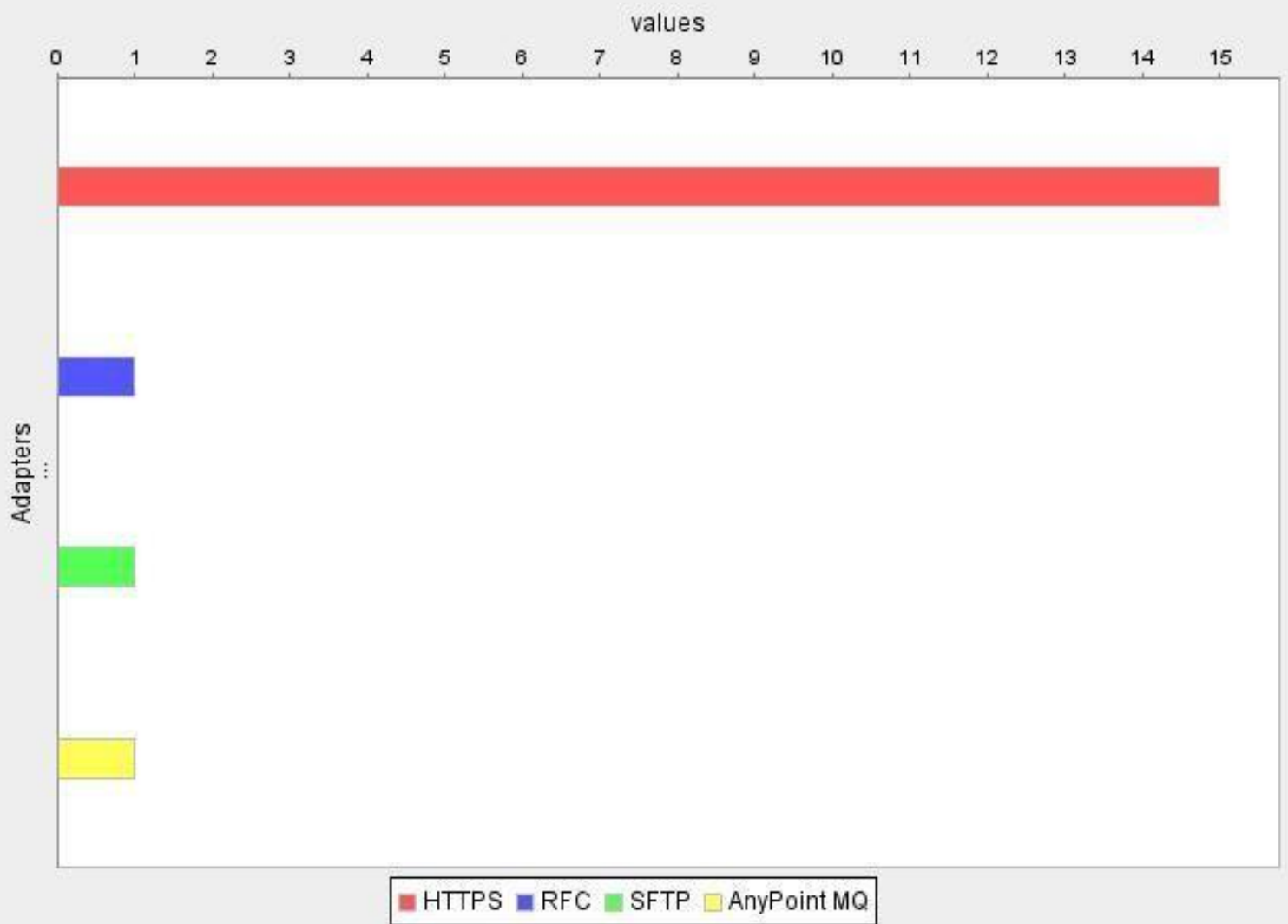
Connector Details

This table provides details about the connectors used in the API.

Connector	Sender	Receiver
HTTPS	19	15
RFC	0	1
SFTP	0	1
AnyPointMQ	0	1

API Details

This table provides details about the APIs which are being assessed for migration. Here details about the resoureces,target system,sender/receiver connectors and authentication mechanism are listed in the table

API Name	Resources	Target	Sender Connector	Receiver Connector	Authentication
clientMuleApplication	clientBusinessPartner	bip-process-api	HTTPS	HTTPS	BasicAuth
businessPartnerMuleApplication	businessPartneDeals .businessPartneInfo	fin-sys-api	HTTPS	HTTPS	BasicAuth
employeeDataMuleApplication	employeeInfo	ECC	HTTPS	RFC	BasicAuth
financialDetailsMuleApplication	financialTthirdParty	SFTP Server	HTTPS	SFTP	OAuth 2.0
supplierIDetailsMuleApplication	supplierBusinessPartner	CLM System	HTTPS	HTTPS	BasicAuth
procurementDetailsMuleApplication	procurementInfo	pro-system-api	HTTPS	AnyPoint MQ	BasicAuth
partnerProfiletDetailsMuleApplication	fetchToken transientDocuments agreements events documentInfo agreementInfo membersInfodocuments	Vertex System	HTTPS	HTTPS	OAuth 2. 0+BasicAuth
insuranceDetailsMuleApplication	users execute adobesignContract envelopeID signResponse	CLM System	HTTPS	HTTPS	BasicAuth

Complexity Involved in each API

This table provides details about the complexity involved in the migration process

API Name	Resources	Complexity
clientMuleApplication	clientBusinessPartner	Low
businessPartnerMuleApplication	businessPartneDeals businessPartneInfo	Medium
employeeDataMuleApplication	employeeInfo	High
financialDetailsMuleApplication	financialThirdParty	High
supplierlDetailsMuleApplication	supplierBusinessPartner	Low
procurementDetailsMuleApplication	procurementInfo	Very High
partnerProfiletDetailsMuleApplication	fetchToken transientDocuments agreements events documentInfo agreementInfo membersInfodocuments	High
cl-system-api	users execute adobesignContract envelopeID signResponse	High

Adapters and their replacements

This table provides information about the connectors used in MuleSoft APIs and corresponding replacement adaptors in SAP integration suite while migrating these APIs

Connectors in Mulesoft	Suggested Adapters in Integration Suite
HTTPS(used to connect SharePoint)	Microsoft SharePoint
HTTPS	HTTP
SFTP	SFTP

Applications

This table provides list of all applications and backend system the APIs are connecting to.

Applications	Remarks
ECC	SAP ERP System
CLM	Contract Lifecycle Management
AdobeSign	Electronic Signature Solution
Splunk	Real-time Monitoring and Alerting,Data Visualization and Reporting
AWS S3	For storage
ICAT	Insurance Computerized Agency Tracking system To get user details

BTP Services suggested for migration

MuleSoft	BTP Services Suggested
Anypoint MQ	SAP Event Mesh
Real-time Notifications	Alert Notification Service
AWS S3 Bucket	Document Management Service
Splunk	API Monitoring Dashboard, Logging in Integration Suite

Migration Approach and Recommendations:-

The IntSwitch Migration tool would help in assessment of MuleSoft interfaces and based on which Incture team can recommend basic pre-designed flow templates in order to expedite the migration process. The recommendations are based on past experiences, technical expertise and best practices for migration projects at Incture.

About Incture

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Further Information:

1. https://help.sap.com/docs/r/index - The SAP help Portal for information required w.r.t SAP Integration Suite

2. SAP Business Technology Platform (SAP BTP) | SAP Help Portal – Basic information and documentation relevant to SAP BTP

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