

SWIFT ALLIANCE VIRTUAL CONNECT

March 2022





CAPGEMINI SWIFT CAPABILITIES

WORLD PAYMENTS REPORT 2021



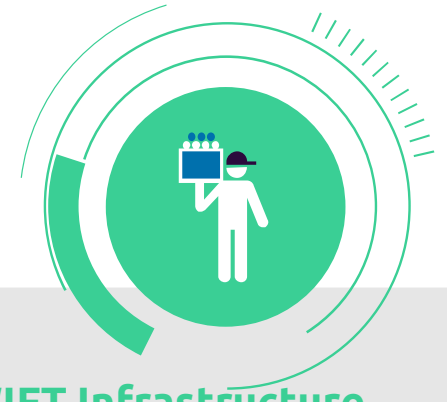
Global Specialization

- Global team trained on SWIFT areas dedicated to SWIFT-related implementation services
- Knowledge and capabilities to incorporate SWIFT solutions into any bank's service offerings
- Capgemini has developed SWIFT testing Accelerator which can automate a lot of Application testing artefacts



Deep Implementation Experience

- Message Processing - Attached to SWIFT interfaces
- Swift & Related Services
 - Message Mapping
 - Application configuration – CBT, Gateway etc.
- Implementation of Swift Applications– Swift Alliance Access, Swift Alliance Gateway, Alliance Lite2 etc.
- Swift enhancements, upgrades & Testing – Application upgrades, SWIFT Standard Release enhancement / testing



SWIFT Infrastructure

- Implementation of SWIFT VPN clusters on Alliance Connect Gold, Silver & Bronze packs
- Installation of HSM box clusters, HSM tokens & PED keys with required configuration
- Implementation of HP Swift clustering software for Swift Alliance Access to run on active-active nodes
- Installation of Remote API host Adaptor (RAHA) and MQ host adaptor (MQHA) for SAG

SWIFT PAYMENTS TRANSFORMATION OVERVIEW



Solution Overview

- Joint offering with Microsoft and SWIFT on real-time cross-border payments
- Deploy SWIFT to the Cloud - SWIFT connectivity and messaging infrastructure on Azure, aka **SWIFT Alliance Connect Virtual**
- End to end lifecycle of SWIFT Alliance Connect Virtual - Assessment, Implementation, and Managed Services

Audience – Target Market/Customer

- Banks, Financial institutions and Corporate Treasuries leveraging SWIFT based payment solutions
- Enable Fintechs with robust cloud native payments capability
- SWIFT Alliance Messaging and Connectivity Components Use cases
 - Migrate from on-premise to Azure
 - Create new environment in Azure

Key Features

- No change in contract with SWIFT
- Security managed by SWIFT
- Customer Security Program (CSP) Control Framework (CSCF) enabled by SWIFT CSP Blueprint
- Logic App to integrate with various systems (ERP, etc.) and to execute workflows

SWIFT Components Supported

- vSRX – Alliance Connect Virtual
- SAA – Alliance Access
- AMH – Alliance Messaging Hub
- Alliance Cloud
- Alliance Lite 2
- SAG – SWIFT Alliance Gateway
- SNL – SWIFT Net Link
- HSM - SWIFT Hardware Security Module

Business Benefit

- Compliant - Continuous auditing & compliance with Azure Blueprints
- Interoperability with legacy payments ecosystem
- Secure – enhanced security posture management with Azure Security Center
- Cost optimized - Significant lower upfront and ongoing expenses
- Resilient - Azure Native HA and DR capabilities
- Business and Engineering agility
- Faster time to market
- Enhanced visibility with Azure monitoring capabilities

Accelerators

- IaC based deployment of Swift Alliance Virtual Connect platform
- Reference Architecture & Azure Compliance Blueprints
- Cppgemini SWIFT Testing Accelerator that automate a lot of Application testing artefacts

Differentiators

- Unique Cloud based solution and matured managed service offering
- Dedicated global teams trained on SWIFT to implement SWIFT-related services
- Knowledge and capabilities to incorporate SWIFT solutions into any bank's payment solutions

FAQs

- What connectivity should I establish to SWIFT/on premise?
 - ExpressRoute to on premise. VNET peering to SWIFT
- Do I still need on-premise infrastructure?
 - Currently, Payment HSM devices should be hosted on-premise and ExpressRoute connection is needed.

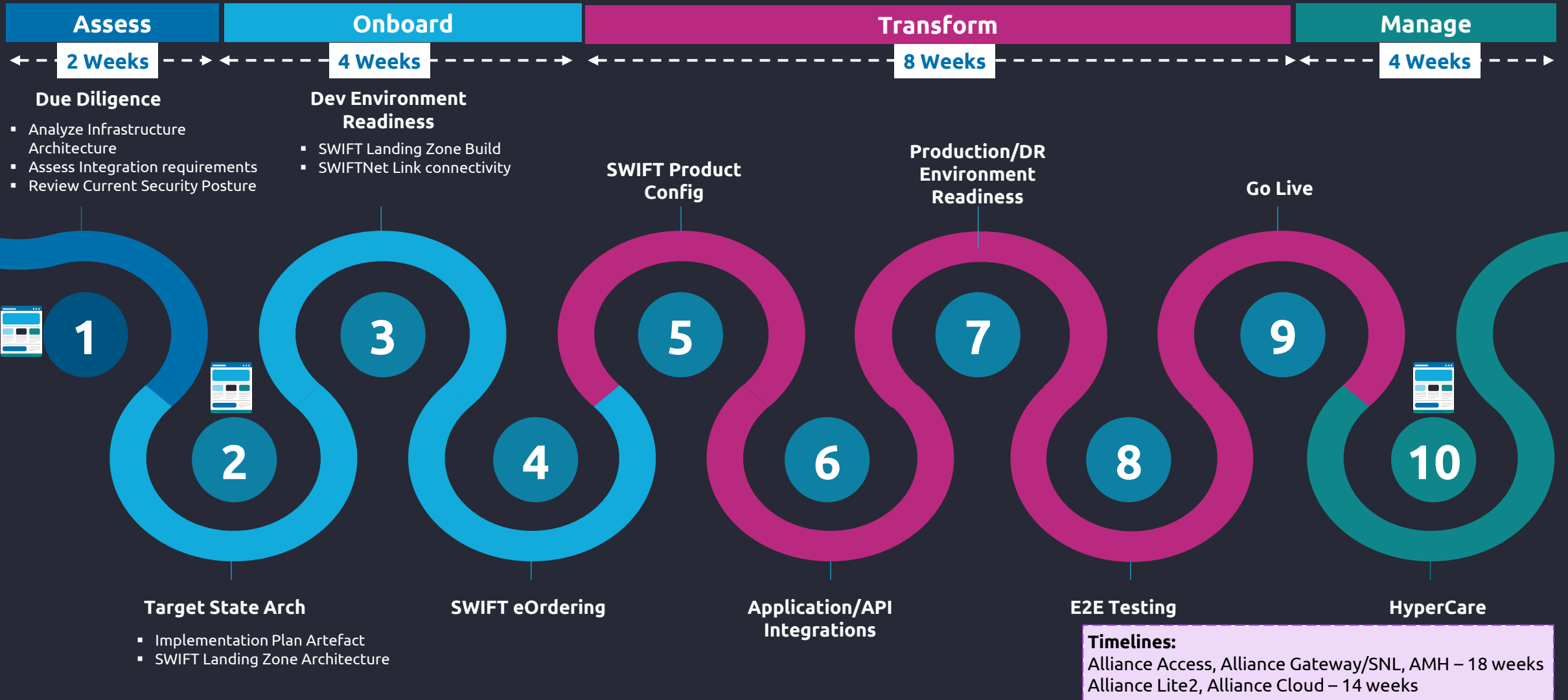
Additional Resources

- <https://aka.ms/swift-blueprint>
- <https://docs.microsoft.com/en-us/azure/architecture/example-scenario/finance/swift-on-azure-vsrx>





TYPICAL SWIFT ADOPTION ENGAGEMENT – SPRINT PLAN





CAPGEMINI SWIFT PAYMENTS TRANSFORMATION

Microsoft Partnership:

<https://www.capgemini.com/partner/microsoft/>

Contact us: microsoft.fs@capgemini.com

Learn more:

Link to your Microsoft Commercial Marketplace offer



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