## horizontal line



Accelerated SoW

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# Projects

* DevCX Security Insights
* Application Modernization
* Data Privacy & Protection Tooling
* Running the Business - Fix Vulnerabilities
* Salesforce Accelerators

# Track 1 - DevCX Security Insights

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| Project Team: Ramu Chenchiah (Lead) - Cisco |
| Program Manager: Anitha kannan - Cisco |
| Team: Venkatesh Kodangal / IT Program Manager (TBD) - SRS |
| **Business Case:**   * Only 17.5% of the Apps are in Ready to Ship State * Only 8.7% of the Apps/Services are making progress for CSDL Adherence with ~3100 known Vulnerabilities * For Around 74% of the apps/services within DevCX the Security Risk exposure is UNKNOWN |
| Team to get overview from project team on high level requirement |
| Finalize POC scope |
| POC effort estimate (guideline: 2-4 working days) |
| Finalize BRD & Scope |
| Start : Wednesday - Wednesday sprint - review meeting on Thursday |
| Discuss on documentation/demo |

# Milestone I – Analysis

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| **Expected Outcome** |
| 1. Streamline Visibility :  Automate Catalogue, Categorize and Onboard DevCX Apps, Services, Assets (Data), Third Party Apps & Tools to Enterprise Service Portal along with Threat Modelling, Data Flow and System Diagram 2. Enable Automated Static and Dynamic Scans:  Explore and finalize methodical automated means of identifying vulnerabilities through static and dynamic scans (OS, Infrastructure, Source Code and Application Automated Security Scan) 3. DevCX Security Readiness Check:  Assess DevCX Security Readiness Check based on scan reports and CSERVs 4. DevCX Security Readiness Plan:  Prepare DevCX Security Readiness Plan 5. DevCX CSDL Compliance Dashboard :  Build and Publish unified DevCX CSDL Compliance Dashboard 6. Automated Bi-Weekly or Monthly Security Insights to DevCX Leadership:  Automated weekly security Insights updates (Prioritized list of Vulnerabilities, New (if any) and Status)  7. Continuous Vulnerability Management & Access Control 8. Vulnerability Management: New Vulnerability Identification, Risk Assessment & Prioritization through Static and Dynamic Scans FYI: Refer DevCXSecurityInsights |

# Track 2 - Application Modernization

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| Project Team: Ramu Chenchiah (Lead) - Cisco |
| Program Manager: Anitha kannan - Cisco |
| Team: Parikshit Narayan, Narendra Kona, Santhosh Pakki |
| **Business Case**   * Retiring a 9+ years old apps (Either the Tech Stack is Outdated or Take a Large amount of Time to update the libraries) * Stay put with security patches * Cost Savings on Liferay licenses, infra hosting * Align to DevCX tech stack |
| Team to get overview of SOARS, LAD, RMT , LEADS functionality |
| Finalize the POC scope (one use case that cuts across all 4 systems or subset |
| POC Effort Estimate/Timeline : 2-4 working days |
| Finalize BRD & Scope |
| Tentative : Wednesday - Wednesday sprint review meeting on Thursday |
| Discuss on documentation/demo |

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| **Projects** | **Expected Outcome** |
| Cloudification of SOARS | 1. MVP Functionality to be finalized to be finalized 2. Explore and Finalize Migration of SOARS 3. Data Migration |
| Cloudification of LAD | 1. Migrate EST content to PubHub 2. MVP Functionality to be finalized to be coded in GoLang 3. Data Migration |
| Migration plan | Review and Propose application and data migration feasibility plan, to replace functionality provided by SOARS, RMT, LEADS, LAD applications |

# Track 3 – Data Privacy and Protection Tooling

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| Project Team: Ramu Chenchiah (Lead) - Cisco |
| Program Manager: Anitha kannan - Cisco |
| Team: Bharath Shivaram- SRS |
| **Business Case:**   * Key Building blocks for Platform for the Feature |
| Team to get overview from Raja on high level requirements |
| Finalize POC scope |
| POC effort estimate (guideline: 2-4 working days) |
| Finalize BRD & Scope |
| Tentative : Wednesday - Wednesday sprint review meeting on Thursday |
| Discuss on documentation/demo |

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| **Projects** | **Expected Outcome** |
| PII Detector and Self Service Advisor (Data Privacy and Protection) | 1. GDPR, CCPA - Automated Scanning/monitoring and Risk Assessment 2. Self-service tool for PII 3. Detection: Script/Tool leveraging NLP to Identify patterns in the Schema for red-flagging potential patterns related to PII  Options: Pluggable service that supports Data Encryption, Anonymization etc to be leveraged by DevCX App  Achieve GDPR, CCPA compliance for DevCX |
| Protection for Sensitive Data **PSB:**  SEC-SCR-CONFLEAK-2 SEC-PWD-STORE | Pre Commit Hook that rejects any merge containing credentials or secrets.  Repository scanning as part of the nightly build to detect and fail builds if credentials or secrets are present  Example: git-secrets or detect-secrets Solution Options: AWS KMS, AWS Key cache, Ansible Vault or Cisco iCAM - Monitoring as a Service  FYI: Getting pre-approval of the toolset and integration with SCM will reduce the PSB for the App Team |

# Track 4 – Running the Business - Fix Vulnerabilities

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| Project Team: Ramu Chenchiah (Lead) - Cisco |
| Program Manager: Anitha kannan - Cisco |
| Team: Pavani Karaka, Vieshweshwar Battu - SRS |
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| Team to get overview from project team on high level requirement |
| Finalize POC scope |
| POC effort estimate (guideline: 2-4 working days) |
| Finalize BRD & Scope |
| Tentative : Wednesday - Wednesday sprint review meeting on Thursday |
| Discuss on documentation/demo |

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| **Projects** | **Expected Outcome** |
| Library & Language Upgrades for SOARS | 1. Upgrade to Spring boot 2.4.0 2. Resolves ~150 High priority Security issues which exist due to old dependencies |
| HTD BizApps CSDL4E Fix Major Vulnerabilities | 1. Fix Vulnerabilities (Critical & High) from Scan Results 1. Containerzation of Apps  2. SSO Support 3. Hosting  4. Monitoring  5. Key Management |

**Track 5 – Salesforce Accelerators**

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| Project Team: Ramu Chenchiah (Lead) - Cisco |
| Team: Ravi, Babu |
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| Team to get overview from project team on high level requirement |
| Finalize POC scope |
| POC effort estimate (guideline: 2-4 working days) |
| Tentative: Wednesday - Wednesday sprint |
| Discuss on documentation/demo |

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| **Expected Outcome** |
| 1. Design and define a new test automation framework 2. POC to be completed for a test automation framework 3. Demo recording(documentation) to mark the closure of this task   **POC – Completed** |
| 1. Deliverables Link: |