



Secured BOT Series

Self-Assessment Questionnaire

2018

Secured BOT Series Self-Assessment Questionnaire



Every RPA implementation has its unique proposition of the processes automated, applications accessed, RPA products and organizational maturity. While the business case may differ with the combination, the existence of risks is persistent.

With an understanding of the key Risk domains of RPA, let's take a quick self-assessment of how well your RPA risks are managed. Rate (v) your RPA environment as per the current level of maturity.

| Assessment question | 1 Initial | 2 Developing | 3 Defined | 4 Managed | 5 Optimized |
|--|--------------|-----------------|--------------|--------------|----------------|
| Business Case | | | | | |
| Does your RPA evaluation framework involve risk and security considerations? | | | | | |
| Have you assessed cost of compliance in your Total Cost of Ownership (TCO) computation | | | | | |
| Have you assessed impact of RPA implementation on your security strategy? | | | | | |
| Cyber Security | | | | | |
| Does your vulnerability management programme cover the BOT landscape? | | | | | |
| Do you know how secure is BOT password vault which stores passwords for applications accessed? | | | | | |
| Do you know how your BOT respond to the phishing emails/ malware? | | | | | |
| Data leakage and Privacy | | | | | |
| Do you know how much data your BOT is handling and the data handoffs? | | | | | |
| Do you know which BOT has access to the most sensitive data? | | | | | |
| Have you evaluated your data loss prevention policies to cover the BOT processes? | | | | | |
| Incident Management and Business Continuity | | | | | |
| Do you have a process to proactively detect invalid BOT access or any anomalies in applications/ network in your organization? | | | | | |

| Assessment question | 1 Initial | 2 Developing | 3 Defined | 4 Managed | 5 Optimized |
|---|--------------|-----------------|--------------|--------------|----------------|
| Do you have response and remediation procedures in place to handle any incidents identified in RPA environment? | | | | | |
| Do you have a business continuity and disaster recovery plan for RPA environment? | | | | | |
| Identity and access management | | | | | |
| Do you have an extra layer of protection for BOT admin accounts: privileged password management, least privilege enforcement? | | | | | |
| Does your current processes and access security policy identifies user access management considerations for BOT IDs? | | | | | |
| Regulatory Compliance | | | | | |
| Have you done impact assessment of automation on regulatory compliance? | | | | | |
| Have you enabled audit logs to trace and record critical actions performed by BOTs and users? | | | | | |
| Secured process | | | | | |
| Have you done reassessment of your control design for the automated processes? (e.g. SoX, iCFR, ISO, etc.) | | | | | |
| Do you have change management process for BOT environment? | | | | | |
| Do you have log monitoring for all critical actions to and by the BOT environment? | | | | | |
| License Compliance | | | | | |
| Have you assessed s/w license non-compliance due to impact of indirect usage by BOT? | | | | | |
| Does your s/w license agreements identifies BOT ids? | | | | | |
| How optimized is your RPA license deployment? | | | | | |

Contacts

Rohit Mahajan

Partner | Leader
Risk Advisory
E-mail: rmahajan@deloitte.com

Abhay Gupta

Partner
Risk Advisory
E-mail: agupte@deloitte.com

Senthilvel Kaliyamurthy

Partner
Risk Advisory
E-mail: senthilvelk@deloitte.com

Anthony Crasto

Partner
Risk Advisory
E-mail: acrasto@deloitte.com

Ashish Sharma

Partner
Risk Advisory
E-mail: sashish@deloitte.com

Prasad Godbole

Senior Manager
Risk Advisory
E-mail: prasadsg@deloitte.com

Deloitte.

Deloitte refers to one or more of Deloitte Touche Tohmatsu Limited, a UK private company limited by guarantee ("DTTL"), its network of member firms, and their related entities. DTTL and each of its member firms are legally separate and independent entities. DTTL (also referred to as "Deloitte Global") does not provide services to clients. Please see www.deloitte.com/about for a more detailed description of DTTL and its member firms.

This material and the information contained herein prepared by Deloitte Touche Tohmatsu India LLP (DTTILLP) is intended to provide general information on a particular subject or subjects and is not an exhaustive treatment of such subject(s). None of DTTILLP, Deloitte Touche Tohmatsu Limited, its member firms, or their related entities (collectively, the "Deloitte Network") is, by means of this material, rendering professional advice or services. The information is not intended to be relied upon as the sole basis for any decision which may affect you or your business. Before making any decision or taking any action that might affect your personal finances or business, you should consult a qualified professional adviser.

No entity in the Deloitte Network shall be responsible for any loss whatsoever sustained by any person who relies on this material.