SINGALARITY

STANDARD

REQS

**Data Migration**

**Environment Prerequisite & Questionnaire**

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Issued To: Backend Team

Documentation

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| e. | Contact names: | Ref. to contacts table |

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| a. | Rev. 0.5 | By Singalarity Team |
| --- | --- | --- |
| b. | Rev 1.0 | By Singalarity Team |
| c. |  |  |
| e. |  |  |

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Amendment Record

| **No.** | **Description** | **Version Effective** | **Date** |
| --- | --- | --- | --- |
| 1 | First major issue | 0.5 | Dec 20th 2022 |
| 2 | Update Server to Server information | 1.0 | Mar 21st 2023 |

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# Introduction

## Purpose

The purpose of this document is to record the Singalarity questions sent to the customer’s mobile team for keeping track of a Server environment.

## Audience

This document is primarily intended for the internal and customer’s backend developers who want to integrate with Singalarity’s Application Server.

# Server-to-Server integration informations

| **No.** | **Item** | **Answer** | | **Answer** |
| --- | --- | --- | --- | --- |
| **1** | **Customer JWT public key** | The public key for Singalarity’s Server verify the API request from Server SDK using JWT mechanism | |  |
| **2** | **Customer IP Address to S3** | Outbound IP address that Customer’s Application Server naked the API call to S3’s Server | |  |
| **3** | **Customer IP Address to SGT Server** | Outbound IP address that Customer’s Application Server naked the API call to Singalarity’s Server | |  |

# Deployment environment questionnaires

| **Item** | **Questions** | **Answer** |
| --- | --- | --- |
| Operating System and Versions | Please describe in detail what Operating Systems (Linux-based such as Redhat, Ubuntu... or Windows-based, or special UNIX-based such as IBM AIX) your PRODUCTION environment is currently using and their versions.  Do you have any plan to switch or migrate to a different Operating Systems in the next 10 years? |  |
| Codebase | Please describe which codebases your system is currently using (C, Java, Python,...). Do you have any plans to migrate to a new codebase in the next 10 years? |  |
| Database Engine | Please describe the current Database and its version your PRODUCTION environment is currently using |  |
| Production Environment | Please describe where you would like to host the new solution? Will it be hosted in your premises , on your cloud, or on Singalarity-provided cloud? Or any other requirement (e.g in country,..)? |  |
| Expected Concurrent Users and TPS (or RQS) | Please describe the concurrent users and TPS your system normally serve or expected to serve with the new solution in a day:  1. How many concurrent users and TPS at the rush hours? What is the peak TPS, RQS?  2. How many concurrent users and TPS on average (not in rush hours)? |  |
| Library dependency | Please provide a list of third-party libraries currently being used in your PRODUCTION Environment |  |
| On-premise deployment methods | Please describe what type of deployment your system is currently using, is it container-based (Kubernetes, OpenShift..) or server-based (Hypervisor...) |  |
| Hardware support (CPU / GPU) | For on-premise deployment, please describe what CPU you're currently using, will you support running with GPU if the solution requires |  |
| Configuration for each production server |  |  |
|  |  |  |

---- **END** ---