**LGNDM Migration Factory Program Plan**

### **Objective**

The migration program aims to transition from the centralized file integration provider application (LGNDM) to a decentralized architecture where individual clients manage their own file integrations. This shift will eliminate a single point of failure and increase system resilience.

### **Key Drivers**

1. Eliminate reliance on a centralized system to reduce a single point of failure.
2. Empower individual clients to manage their own file integrations.
3. Enhance scalability and reliability of file transfer processes.

### **Scope**

* Migration involves LGNDM and all applications utilizing its file transfer capabilities.
* The migration impacts both the immediate upstream and downstream systems, along with indirect dependencies.

### **Timelines**

* Target Completion: **2027**
* Key Milestones: To be determined based on phases (e.g., application onboarding, testing, cutover).

### **Risks and Mitigation**

1. **Risk**: Limited knowledge of IBM Connect:Direct technology among engineers.
   * **Mitigation**: Adopt a factory model where the LGNDM team supports setup and migration.
2. **Risk**: Challenges in business validation due to lack of end-to-end chain visibility.
   * **Mitigation**: Proactive communication and collaboration between upstream and downstream teams.

### **Factory Model Responsibilities**

The migration will be executed in a step-by-step process with responsibilities divided as follows:

| **#** | **Step** | **Responsible Team** |
| --- | --- | --- |
| 1 | Identify Immediate Upstream and Downstream of File Integration | LGNDM Team |
| 2 | Reach Out to Indirect Upstream & Downstream Partners | Immediate Upstream and Downstream Teams |
| 3 | Acquire NAS for Downstream Applications (if applicable) | Immediate Downstream Team |
| 4 | Acquire Connect:Direct Instance for Downstream Applications (if applicable) | Immediate Downstream Team |
| 5 | Lift & Shift Existing Connect:Direct Resources (with Modifications) | LGNDM Team |
| 6 | Lift & Shift Existing Connect:Direct Scripts (with Modifications) | LGNDM Team |
| 7 | Write Orchestra Batch Job or AutoSys JIL Script to Execute Connect:Direct Script | LGNDM Team |
| 8 | Deploy New Orchestra Batch Job to OCP or Setup AutoSys Job | LGNDM Team |
| 9 | Test the New Setup to Verify File Transfer | LGNDM Team, Immediate Downstream Team |
| 10 | Update File Drop Location in Upstream Config | Immediate Upstream Team |
| 11 | Integration Testing for End-to-End Flow | Immediate Upstream and Downstream Teams |
| 12 | Non-Prod Cutover and Validation | LGNDM Team, Immediate Upstream and Downstream Teams |
| 13 | Disable Legacy Integration in Non-Prod After Validation | LGNDM Team |
| 14 | Production Cutover and Validation | LGNDM Team, Immediate Upstream and Downstream Teams |
| 15 | Disable Legacy Integration in Production | LGNDM Team |
| 16 | Clean Up Legacy Resources After 6 Months of Successful Cutover | LGNDM Team |

### **Communication Plan**

* Regular status updates to leadership and stakeholders.
* Collaborative meetings with upstream and downstream teams at key milestones.
* Documentation of changes for audit and knowledge transfer.

### **Budget and Resource Considerations**

* Allocate resources for training and support in IBM Connect:Direct.
* Plan for additional bandwidth during testing and cutover phases.