



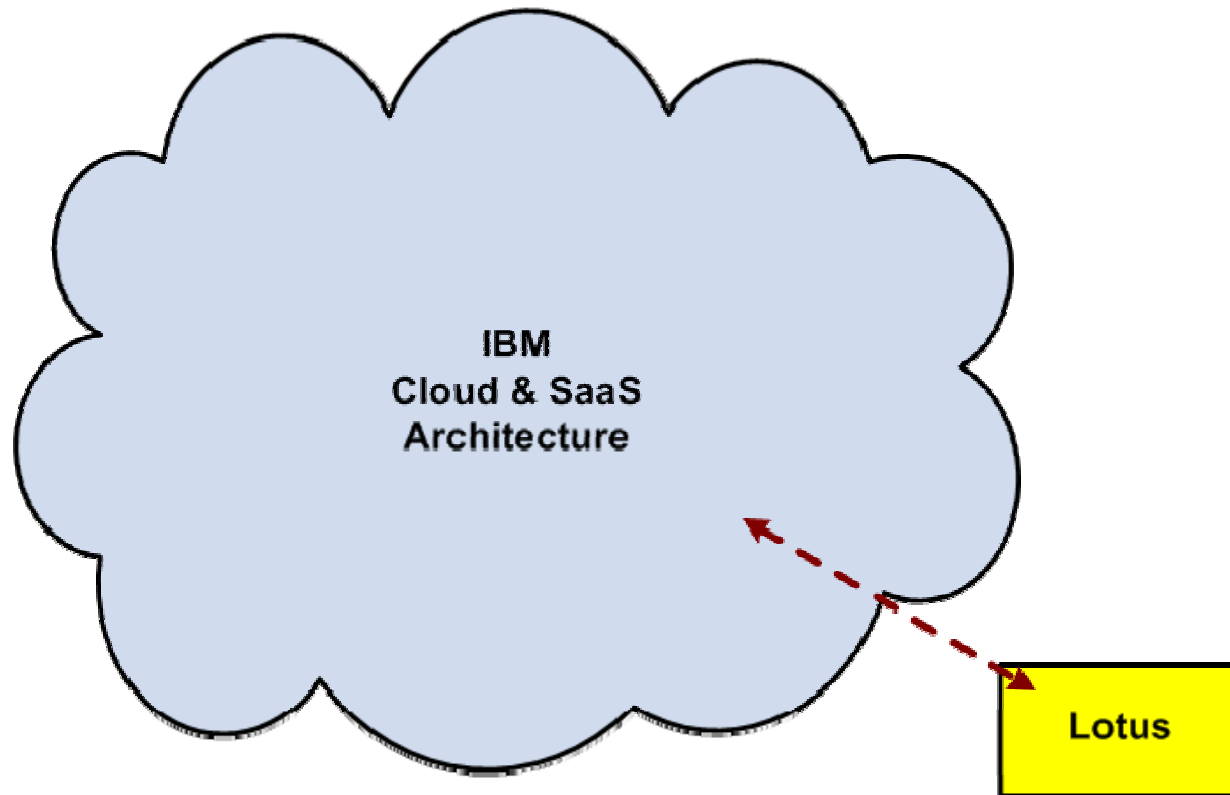
IBM Data Cloud Architecture an Evolution

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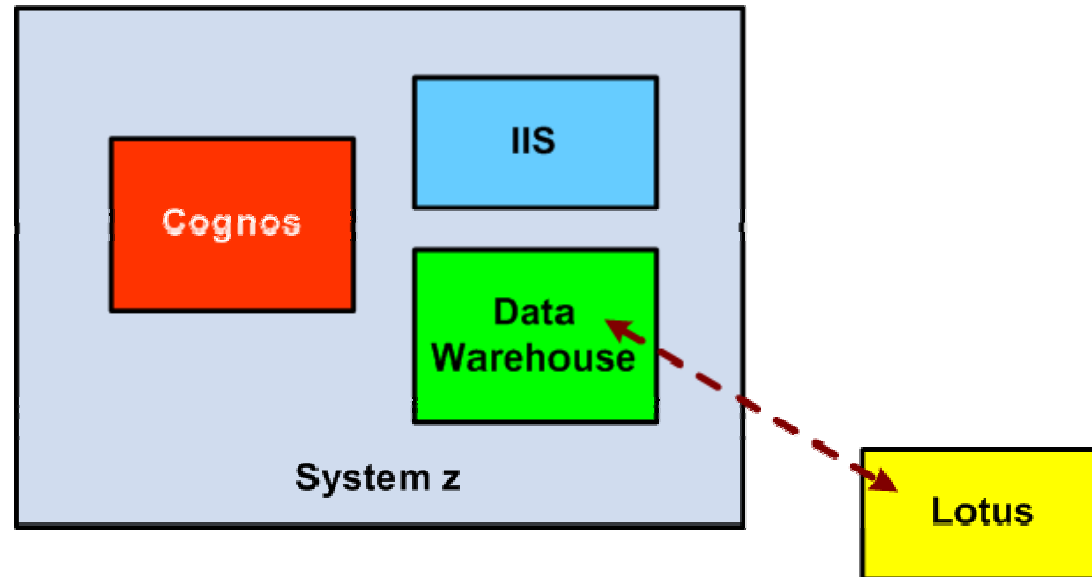
THE HUMAN DIMENSION OF TECHNOLOGY

IBM Cloud & SaaS Architecture



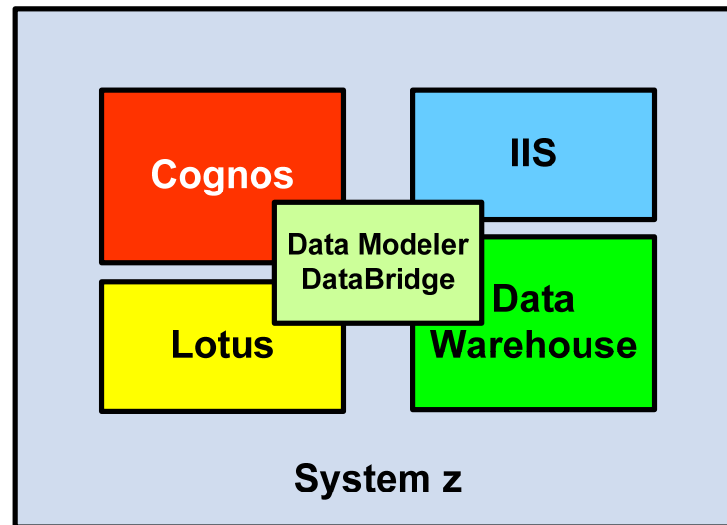
- Customer facing solution architecture
- IBM's response to competitive pressures in industry
- Based on existing IBM products and architectures
- Looking to Include Lotus and Notes collaboration as unique competitive capability

IBM CIO Solution Architecture



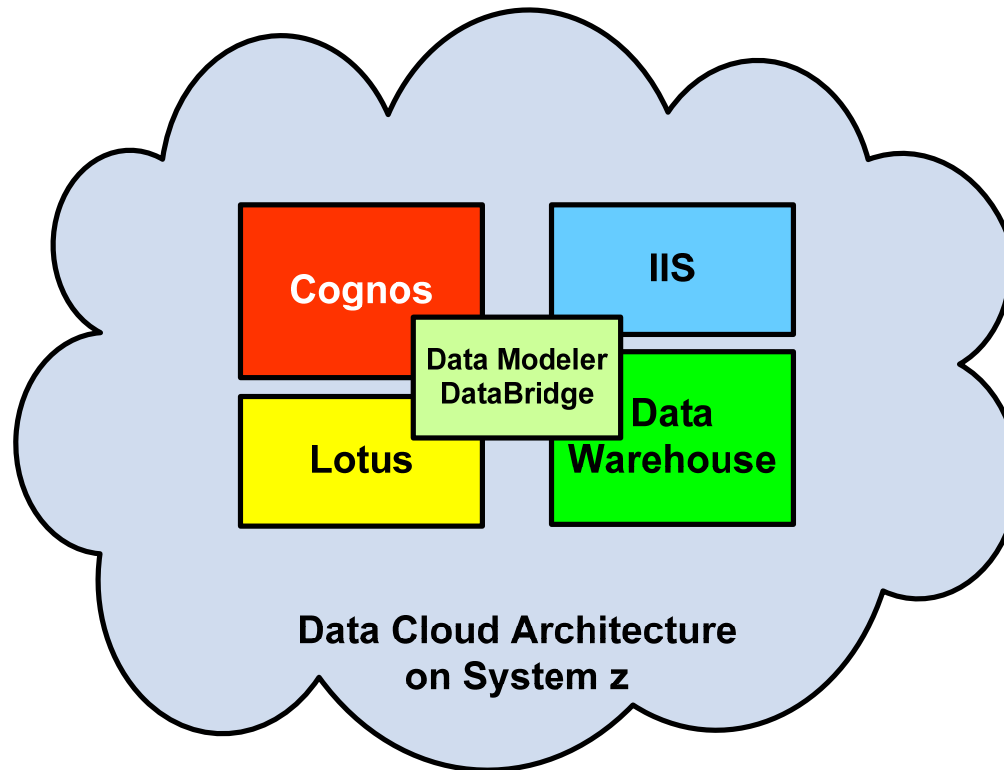
- Replace internal IBM usage of Hyperion and Brio with Cognos
- Notes is integrally linked with key processes throughout IBM
- Notes needs to fit into the Data Warehouse architecture

IBM CIO Solution Architecture – Including Lotus



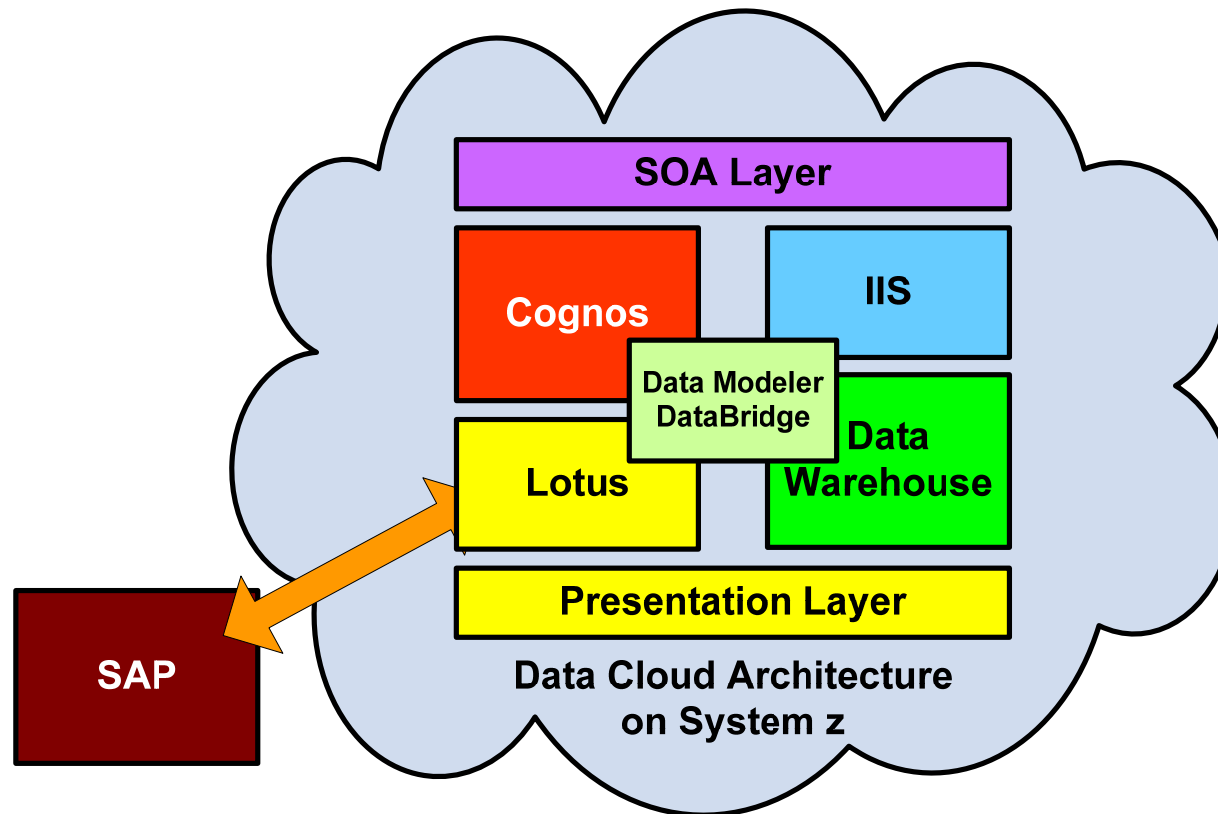
- Sun & Son Data Modeler for Notes and Data Modeler DataBridge integrate Lotus Notes data with Cognos, Data Warehouse and IIS
- Notes JDBC Driver is a key platform enabler (not Just Z but I and P as well)

Data Cloud Architecture



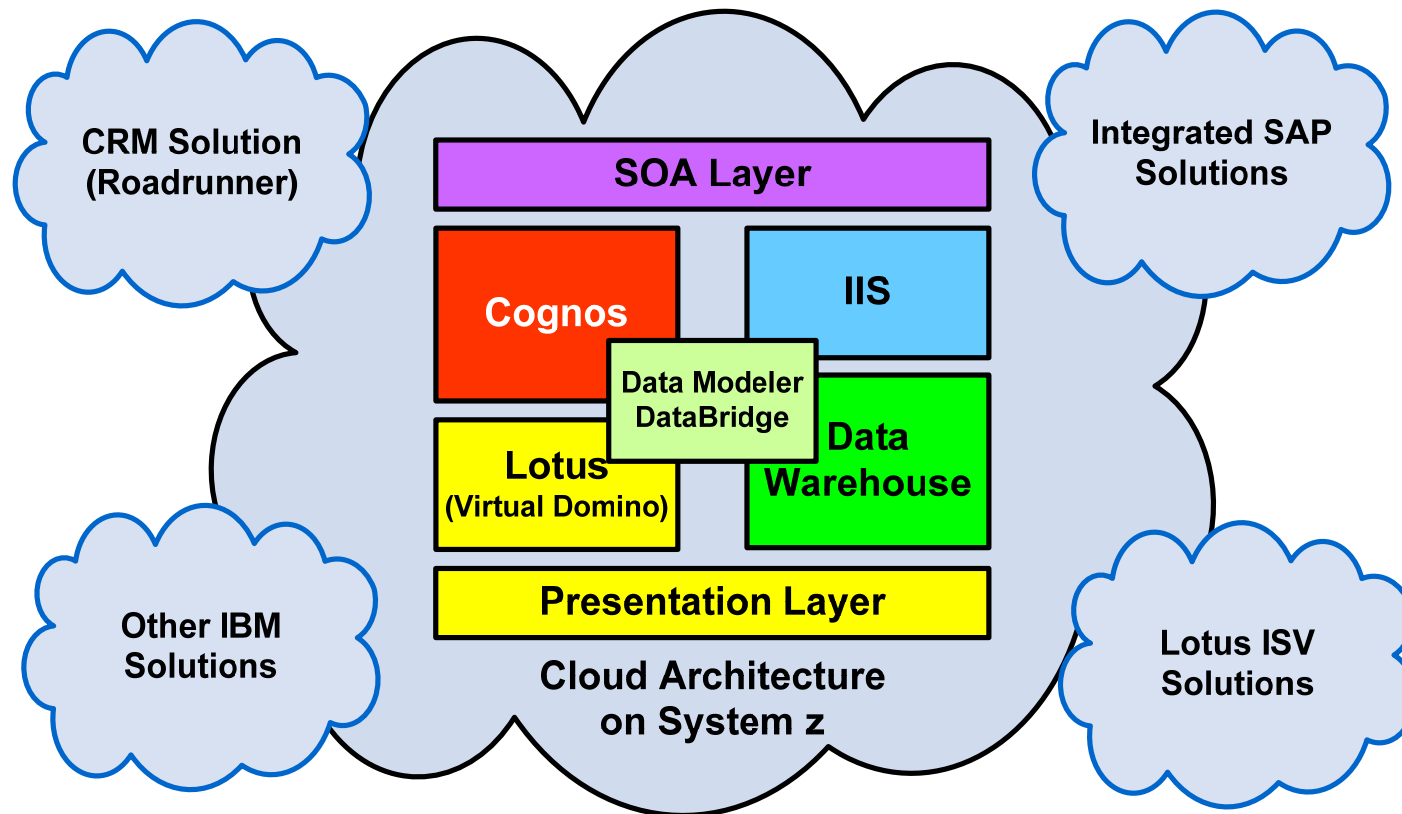
- Merger of IBM Cloud and CIO Solution Architectures
- Data Warehouse solution becomes Data Cloud
- CIO Data Cloud solution becomes prototype for customer offerings
- Data Modeler integration resolves Lotus Cloud integration issues

Data Cloud Architecture - Enhanced



- SOA layer integrates IIS Metadata management with WebSphere SOA services
- Presentation layer integrates Lotus Notes Composite Applications, IBM Mashup Center and WebSphere Portal
- Alloy illustrates collaboration and integration between SAP and Lotus

IBM Cloud Solution Architecture



- Add enterprise scalable virtual Domino application services running on System z
- Develop and sell IBM Cloud based enterprise solutions
- Develop pure IBM solutions or joint solutions with strategic partners (SAP)