Cloud Software Development

Metadata / Governance

Data Storage and Retrieval
- Relational Database
- File Based (SMB)
- Document / JSON
- Table Storage
- Graph Storage
- Distributed Ledger
- Blob Storage (Hot and Cold)
- Big data store
  - Azure Data Lake Store

Data Ingestion / Orchestration / Integration
- Event Ingestion
- ETL Tool or Equivalent
- Orchestration Engine
  - Azure Data Factory
- Service Bus
- Business Rules Engine
- Integration Platform

Software Development
- Dev Platform
- Test Platforms
- Source Code Control
- DevOps
- Team Collaboration
-边缘计算
- 数据捕获
- 边缘处理
- 数据传输

IOT and Edge
- Edge Computing
- Streaming Data
- IOT Device Management
- Time Series Analysis

BI and Analytics
- Semantic Layer
- Azure Analysis Services
- Ad-Hoc Analytics
- Power BI
- Paginated Reporting
- Dashboarding
- Power BI

Cloud Management & Monitoring
- OMS
- Azure Data Factory
- Key Management
- Single Sign On
- B2B Authentication
- B2C Authentication

Target Architecture – Phase 1 – Data Warehouse

Networking / Communications
- WAN (VPN / MPLS)
- Express Route
- VOIP / Video / IM
- Cloud Connectivity
- Firewalls
- Microsoft

On-Premise
- Enterprise Systems
  - Asset Management
  - Maximo
  - ERP
  - Oracle EBS
  - Finance System
  - Oracle EBS

Hybrid
- Operations
  - Operations Management
  - Active Directory Management and Sync
  - Azure AD Sync
  - Disaster Recovery
  - Replication
  - Device Management
  - Cloud Cost Management
  - Cloudyn

Productivity
- Office Software
  - MS Office 365
  - Intranet MS SharePoint
  - VR Telepresence
- Knowledge Management
  - Maximo
  - ERP
  - Oracle EBS

Metadata / Governance
- Data Catalog
- Data Quality
- API Management
- Master Data Management

Networking / Communications
- WAN (VPN / MPLS)
- Express Route
- VOIP / Video / IM
- Cloud Connectivity
- Firewalls
- Microsoft

Security and Authentication
- Key Management
- Single Sign On
- B2B Authentication
- B2C Authentication
- Threat Analytics
- Cloud Management
- Cloudyn

Target Architecture – Phase 1 – Data Warehouse

Edge
- Data Capture
- Data Transfer
- Edge Processing
- Remote Comms
- Devices and Sensors
- Sensor Comms

3rd Party SaaS
- Enterprise Systems
  - CRM
  - Salesforce
  - HR Management Workday
  - Marketing Tools

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