Huawei IT Transformation solution
Huawei IT Transformation solution summary

Nowadays, enterprises' business is changing and growing, which require IT infrastructure more reliability, more efficiency, shorter time to market, and cost saving at the same time. Huawei IT transformation solution is an end to end solution to make IT infrastructure modernized.
Huawei IT Transformation Methodology

1. Discovery and Analysis
   - Information collection
   - Usage analysis
   - Consolidation analysis

2. ROI Analysis
   - TCO analysis
   - Efficiency analysis
   - Reliability analysis

3. To-Be Architectural Design Service
   - Transform Strategy
   - To-Be Architecture
   - Transform Roadmap

4. Data Center Migration Service
   - Wave Planning
   - Migration Implementation
   - Project Governance

5. Optimization
   - Validate Solution
   - Optimize
Huawei IT Transformation solution value

<table>
<thead>
<tr>
<th>Value</th>
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<tbody>
<tr>
<td>Data Center TCO</td>
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### Discovery and Analysis

#### Efficient Assessment
- Huawei discovery tools shorten info. collection time
- Online analysis tools make assessment efficiency

#### ROI Analysis

#### Visible ROI
- Global Benchmark & Case database brings advanced experience
- Analysis report keeps perfect balance among TCO, Efficiency, Reliability
- Visible ROI helps invest decision-making

#### To-Be Design

#### Future-oriented Architecture
- Simplify IT Infrastructure through data center consolidation
- Convergence resource pool improves efficiency
- VDC makes business agile
- Multi sites A-A/A-S and Application level BCDR improve reliability

#### Migration Service

#### "0" Lost Migration
- Cloudification assessment & dependency analysis make roadmap clear
- Staged approach & proper wave design enable quick win
- Standard activities & excellent project governance ensure migration success

#### Optimization

#### Continuous Optimization
- Verified & optimized solution guarantees SLA
Huawei IT Transformation solution scenario

Consolidate Data Centers

Consolidate IT Resources

Physical Pool 1
virtualization pool

Physical Pool 2
virtualization pool

Physical Pool N
virtualization pool

VDC
One Management Virtualization DC

VDC1
VDC2
......VDCn

Computing Resource Pool
Network Resource Pool
Storage Resource Pool

CloudOS

DC1
DC2
DC3

DC1
DC2
DCn

IT1
IT2
ITn

IT1
IT2
ITn

Server
Storage
Network
Server
Storage
Case: Telefonica LATAM IT Transformation

Background

Latin America 4 country 9 DCs consolidation to Spain 2 DCs

- 8000+ KM Distance
- 4700+ App Instances
- 4300+ Servers
- 600+ OSs

Huawei Solution

- Discovery and Analysis
- ROI Analysis
- To-Be Design
- Migration Service
- Optimization

Business Objectives

- Data Center TCO: 40%
- Time to Market: Months->Hours
- Efficiency: 50%
- Virtualization Rate: 90% (65%)