

LCM Data Group



# LifeCycle Management

LifeCycle Management Data Sources

## LCM Foundation Service

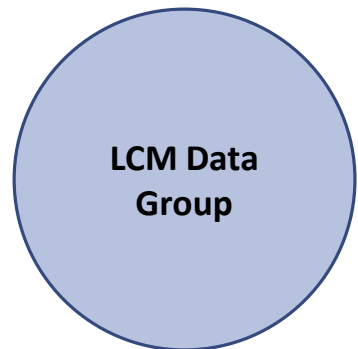
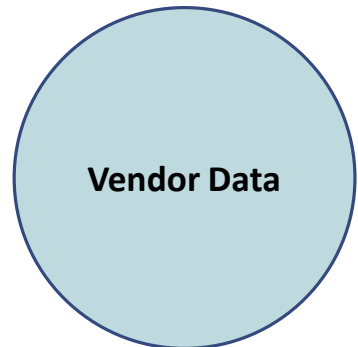
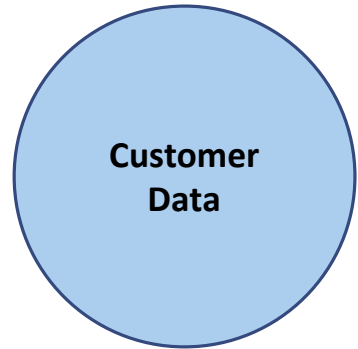
101: Cisco LifeCycle States Explained. Key milestones, dates and definitions

201: LifeCycle Management Data. Where does it come from

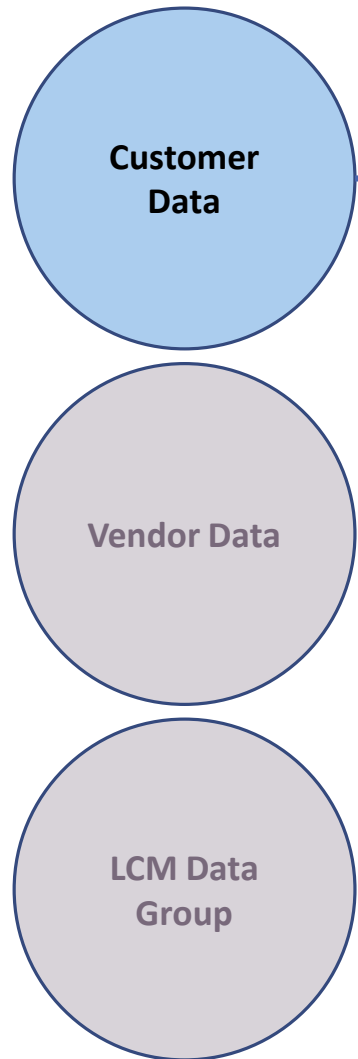
301: LifeCycle Risk. Common approaches and enterprise policies for your Cisco network

401: Besides risk, what else can you use LCM info for

# LCM Data. Where does it come from.....



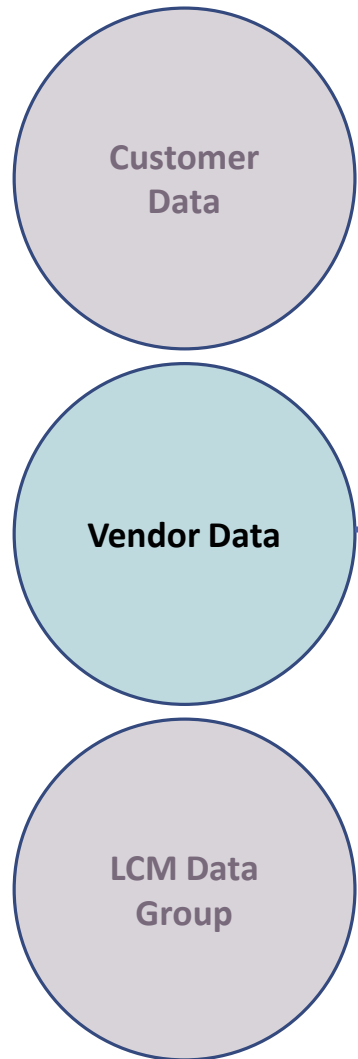
# Customer Data Sources



- OSS Systems
  - Performance, Fault, Vendor EMSes, Vendor Partner systems/reports
- CMDBs
  - Service Now
  - Remedy
  - Internal asset management info
- Network Devices
  - Wireless Controllers
  - Application Managers
  - Syslog data

As many of these data sources duplicate info, deduping and merging into LCM actionable information is required

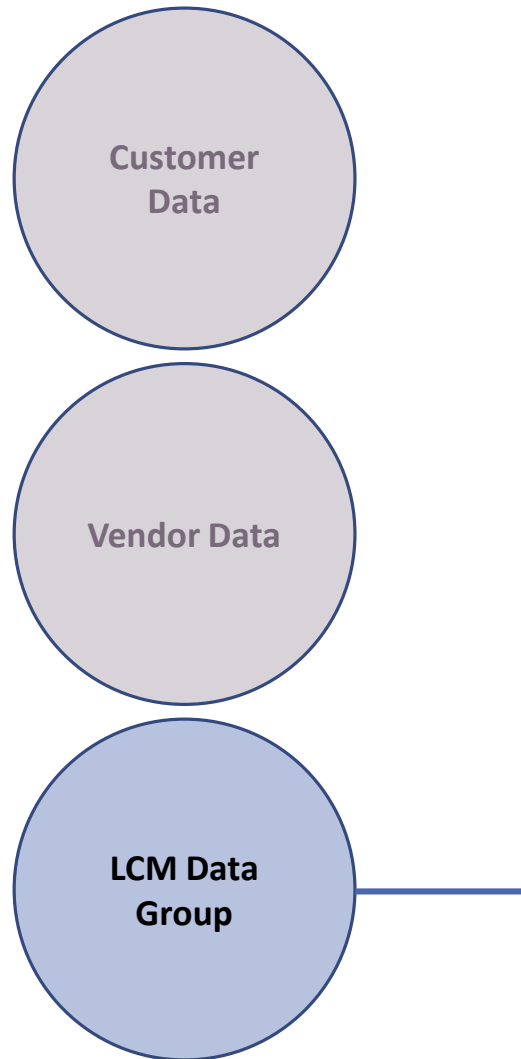
# Vendor Data Sources



- Analytics Reports – Information about historical purchases
- Discover Engines / Portals – Vendor provided, configured and supported Customer tools
  - Real time information
  - Connects directly w/ deployed Assets
  - Portals and reports for data extracts
- Order Information – Information w/ recently purchased equipment
- External APIs: Provided by Vendor for access of information and specific attributes
- Vendor Public Info: On vendor websites and search engines for key attributes

Same as w/ Customer info, lots of duplicate records that need to be cleansed and merged with Customer info

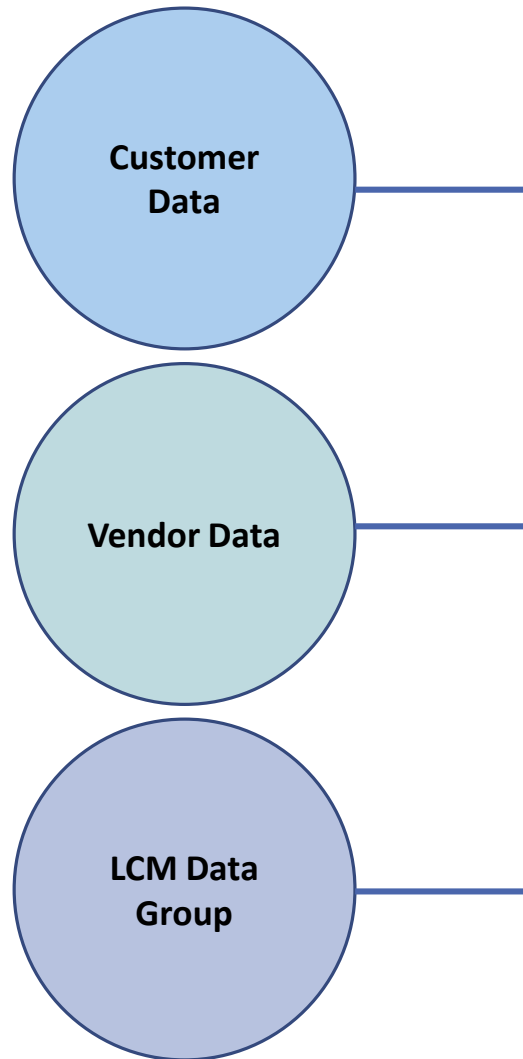
# LCM Data Group Data Sources



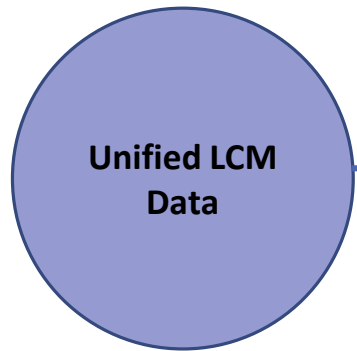
- Derived from the merged Customer and Vendor information
- Data structures and algorithms that
  - Map and track Vendor Risk
  - Map and track Customer asset risk and policies
  - Key Asset Lifecycle milestones ongoing changes
  - Asset attributes and ongoing changes

Necessary to correctly study, report and visualize information in easy to understand visualizations and decision parameters

# Data Cleansing



# LCM Data Summary



Many sources of data

Dups abound but unique records in all data sets represent what's truly deployed

Merging and cleaning data necessary to correctly identify and define LCM KPIs/KQIs

Once done, the union of all information represents a unified, correct and accurate asset view of your information

With accurate asset info, decisions more effective and accurate solving for cost vs. risk curve