

# Ensemble – Welcome to Service Management

Clint Byrum  
Ubuntu Server Team  
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# What is Service Management?

End User focused

Models How Services Relate To One Another

Higher Level than Configuration Management

# Contrast With Configuration Management

## Config Management

- Machine Centric
- De-coupled from provisioning
- Knowledge Sharing Involves Customization and assumptions.
- Analog: `./configure && make && sudo make install`

## Service Management

- Service Centric
- Coupled with provisioning
- Designed for Knowledge Sharing
- Complimentary to config management
- Analog: `apt-get install`

# Terms

- “service unit” - One member of a service
- “formula” - metadata and code that models a service's relationships with other services.
- “environment” - configuration of machine provider and settings for deploying related services together
- “bootstrap” - The initial step required to start using an environment

# Basic Workflow

Bootstrap Environment (ensemble bootstrap)

Deploy Services (ensemble deploy mysql wiki-db; ensemble deploy mediawiki demo-wiki)

Relate Services (ensemble add-relation demo-wiki:db wiki-db:db)

Scale up/down (ensemble add-unit demo-wiki)

# How does it work?

