

# Swift Private Cloud

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# Who is responsible for this travesty?

- Ron Pedde (Dev)
- Chris Laco (Engineer)
- Will Kelly (Engineer)
- Jason Cannavale (Bossman)

# What is this all about?

- The existing swift cookbook attempted to take on too much of the operational aspect of swift and not enough of the configuration.
- Operational training on a new mechanism to deploy and manage swift using the experience of our cloud files team!

# Who is it for

This training is directed toward the support organization regarding the technical capabilities of our new cookbooks. The deployment mechanisms shown here and the particular configurations we cover may or may not be what is deemed to be operationally acceptable in the finished product.

# Swift Cookbooks

# swift-lite

- <http://github.com/rcbops-cookbooks/swift-lite>
- swift-lite is a really basic cookbook that enables swift configuration via full specification in node attributes. It does not make many decisions about how things should be deployed or what services should go where or what version of swift to install.
- no hardcoded config
- no baked in assumptions about roles or which recipes should go together
- everything is overridable

# swift-private-cloud

- <http://github.com/rcbops-cookbooks/swift-private-cloud>
- swift-private-cloud wraps the swift-lite cookbook to implement a very opinionated Rackspace configuration. Currently we support deploying the swift starter config from the reference architecture documentation. This cookbook handles feeding information to swift-lite based on our deployment considerations, but also provides significant services outside the realm of swift, such as ntp, syslog consolidation, mail configuration, snmp configs, and sysctl configs.
- Opinionated recipes, but liberal roles
- Avoids reinventing the wheel where possible, wrapping upstream cookbooks rather than making everything from scratch.