Contents

1 Getting Started 3
2 Core Configuration 5
3 Windows Configuration 7
4 Using Salt Cloud 9
5 Miscellaneous Options 11
6 Extending Salt Cloud 13
7 Feature Comparison 15
8 Releases 17
9 Reference 19
Warning: Outdated documentation
The salt-cloud project has been merged into the main Salt repository as of Salt’s 2014.1 release.
We recommend installing salt-cloud using a package manager as usual. Some distributions (RHEL/Cent) have split packages and so the package name will be salt-cloud and require a separate install. Some distributions do not split packages and it will be bundled within the salt-master package.
Verify which version you have installed by running salt-cloud --version; if the version number does not start with 2014 you are running an old release.
No further development will take place in this repository. It will be left in the current state for historical purposes. Issues should be filed on the Salt repository.
Current documentation now lives within the main Salt documentation.
- The main salt-cloud Table of Contents
- Full list of cloud modules
- Archived release notes
The documentation for the final salt-cloud release, v0.8.11, is included below.

Salt cloud is a public cloud provisioning tool. Salt cloud is made to integrate Salt into cloud providers in a clean way so that minions on public cloud systems can be quickly and easily modeled and provisioned.

Salt cloud allows for cloud based minions to be managed via virtual machine maps and profiles. This means that individual cloud VMs can be created, or large groups of cloud VMs can be created at once or managed.

Virtual machines created with Salt cloud install salt on the target virtual machine and assign it to the specified master. This means that virtual machines can be provisioned and then potentially never logged into.

While Salt Cloud has been made to work with Salt, it is also a generic cloud management platform and can be used to manage non Salt centric clouds.
Getting Started

- Installing salt cloud

Some quick guides covering getting started with Amazon AWS, Rackspace, and Parallels.

- Getting Started With AWS
- Getting Started With Rackspace
- Getting Started With Parallels
- Getting Started With SoftLayer
Core Configuration

The core configuration of Salt cloud is handled in the cloud configuration file. This file is comprised of global configurations for interfacing with cloud providers.

- Core Configuration
Salt Cloud may be used to spin up a Windows minion, and then install the Salt Minion client on that instance. At this time, Salt Cloud itself still needs to be run from a Linux or Unix machine.

- Windows Configuration
Salt cloud works via profiles and maps. Simple profiles for cloud VMs are defined and can be used directly, or a map can be defined specifying a large group of virtual machines to create.

- Profiles
- Maps

Once a VM has been deployed, a number of actions may be available to perform on it, depending on the specific cloud provider.

- Actions

Depending on your cloud provider, a number of functions may also be available which do not require a VM to be specified.

- Functions
Miscellaneous Options

• Miscellaneous
Extending Salt Cloud

Salt cloud extensions work in a way similar to Salt modules. Therefore extending Salt cloud to manage more public cloud providers and operating systems is easy.

- Adding Cloud Providers
- Adding OS Support
Chapter 7

Feature Comparison

A table is available which compares various features available across all supported cloud providers.

- Features
CHAPTER 8

Releases

- Release Notes
Reference

- Command-line interface
- Full table of contents