salt-cloud Documentation

Release 0.8.11

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Contents

> **Warning:** Outdated documentation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`

Windows 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`

Using Salt Cloud

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`

Feature Comparison

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

- `Features`

Releases

- Release Notes

Reference

- Command-line interface
- Full table of contents