(Chef Integration)

Knife ECS Plugin – Sign Off

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Document Version – V1.0

Version History

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| --- | --- | --- | --- |
| Version | Date | Name | Description of Change |
| V1.0 | 03/30/2017 | Kapil Thakkar | Draft is created |
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Reviewers

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| --- | --- | --- | --- |
| Name | Version Approved | Role | Date |
| Manish Mishra | V1.0 | Project Manager | 03/30/2017 |
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# Introduction

## Purpose

This document signifies sign-off for the delivered solution included in Milestone 1 i.e. Chef Knife Plugin for Elastic Computing Services (ECS), Chef Knife is a command line tool for managing the ECS instances. It verifies what deliverables are being turned over to the Aliyun and that the Aliyun Team has accepted/approved those deliverables.

## Project Summary

|  |  |
| --- | --- |
| **Project Name** | Chef Integration – Knife ECS Plugin |
| **Project Sponsor** | Alibaba Inc. |
| **Project Manager** | Manish Mishra |
| **Project Description** | The objective of the project is to develop Chef Knife plugin for Elastic Computing Services (ECS) services of Aliyun Cloud to be work on Chef. |

# Project Deliverables

## Chef Knife Plugin Commands

Below is list of knife ECS plugin commands implemented in scope of Milestone 1. The plugin is available at <https://github.com/alibaba/chef-provider/tree/1.0>

|  |  |
| --- | --- |
| **Knife ECS Plugin - Commands** | |
| 1 | ECS Options help content |
| 2 | Server Create |
| 3 | Server Start (Internally calling) |
| 4 | Server Stop (Internally calling) |
| 5 | Server Restart (Internally calling) |
| 6 | Server List |
| 7 | Server Delete |
| 8 | Server Show |
| 9 | Flavor List |
| 10 | Image List |
| 11 | Region List |
| 12 | Bootstrapping ECS Node (Internally calling) |
| 13 | Security Group list |

## Other

### Unit Test Code

|  |  |  |
| --- | --- | --- |
| **#** | **Commands** | **Link** |
| **Knife ECS Plugin – Commands RSpec** | | |
| 1 | Server Create | https://github.com/alibaba/chef-provider/tree/1.0/spec/unit |
| 2 | Server Start (Internally calling) | https://github.com/alibaba/chef-provider/tree/1.0/spec/unit |
| 3 | Server Stop (Internally calling) | https://github.com/alibaba/chef-provider/tree/1.0/spec/unit |
| 4 | Server Restart (Internally calling) | https://github.com/alibaba/chef-provider/tree/1.0/spec/unit |
| 5 | Server List | https://github.com/alibaba/chef-provider/tree/1.0/spec/unit |
| 6 | Server Delete | https://github.com/alibaba/chef-provider/tree/1.0/spec/unit |
| 7 | Server Show | https://github.com/alibaba/chef-provider/tree/1.0/spec/unit |
| 8 | Flavor List | https://github.com/alibaba/chef-provider/tree/1.0/spec/unit |
| 9 | Image List | https://github.com/alibaba/chef-provider/tree/1.0/spec/unit |
| 10 | Region List | https://github.com/alibaba/chef-provider/tree/1.0/spec/unit |
| 11 | Bootstrapping ECS Node (Internally calling) | https://github.com/alibaba/chef-provider/tree/1.0/spec/unit |
| 12 | Security Group list | https://github.com/alibaba/chef-provider/tree/1.0/spec/unit |

### UAT Automation Script

|  |  |  |
| --- | --- | --- |
| **#** | **Script** | **Link** |
| **Knife ECS Plugin – UAT** | | |
| **Server Related Commands** | | |
| 1 | Knife Test | https://github.com/alibaba/chef-provider/tree/1.0/spec/integration |
| 2 | Knife Test Utilities | https://github.com/alibaba/chef-provider/tree/1.0/lib/uat-automation/knife-utilities |
| 3 | Matchers | https://github.com/alibaba/chef-provider/tree/1.0/lib/uat-automation/knife-utilities |

### Packages Gem

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Package Gem** | **Version** | **Source URL** |
| 1 | Knife-ecs-1.0.0 | 1.0.0 | <https://github.com/alibaba/chef-provider/tree/1.0> |

Clone the source code from above source url and run “bundle exec rake install” to install gem from source code or you can also build using “gem build knife-ecs.gemspec”.

### Travis CI

The Travis CI scripts are available at <https://github.com/alibaba/chef-provider/blob/1.0/.travis.yml>. Import GitHub repository on <https://travis-ci.com> to configure auto build check on commit.

### Help Documentation/ Deployment Documentation

The help documentation for knife plugin commands developed in Milestone 1 is available at

<https://github.com/alibaba/chef-provider/tree/1.0/docs>

<https://github.com/alibaba/chef-provider/blob/1.0/README.md>

# Sign-off: Approval or Rejection

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| --- | --- | --- | --- |
| **Name and Title of Approver** | **Decision** | **Comment** | **Date** |
| Shuwei ([shuwei.yin@alibaba-inc.com](mailto:shuwei.yin@alibaba-inc.com))  **Project Reporting manager** |  |  |  |

# Next Steps

1. Development and release of another chef components Kitchen and Ohai

# Point of Contact

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| --- | --- | --- |
| **Name** | **Designation** | **Email** |
| Manish Mishra | Project Manager | [manish@click2cloud.net](mailto:manish@click2cloud.net) |
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