

AWS OpsWorks - App Deployments through CLI



A stack is a set of layers, instances and related AWS resources whose configuration you want to manage together.

Add stack

Which type of stack do you want to create?



Sample stack

Explore AWS OpsWorks Stacks with a sample Node.js app



Chef 12 stack

Bring your own cookbooks and use community cookbooks



Chef 11 stack

Use built-in cookbooks for applications and deployments

Create a stack with instances that run Linux and Chef 11.10

Classic experience. Use our built-in cookbooks for layers, applications & deployments to get started. Use your own Chef cookbooks to override or extend the built-in layers. [Learn more.](#)

Stack name

Region

VPC

Default subnet

Default operating system

[Need a different OS? Let us know.](#)

Default SSH key

Chef version

Use custom Chef cookbooks ☐

[Define the source of your Chef cookbooks](#)

eMahtab / demo-chef-recipe
forked from mikepfeiffer/demo-chef-recipe

Unwatch 1

Fork 53

[Code](#) [Pull requests](#) [Projects](#) [Wiki](#) [Insights](#) [Settings](#)

Basic cookbook used with OpsWorks demo

[Edit](#)

[Manage topics](#)

13 commits

1 branch

0 releases

3 contributors

Apache-2.0

Branch: master

[New pull request](#)

[Create new file](#)

[Upload files](#)

[Find file](#)

[Clone or download](#)

This branch is 2 commits ahead of mikepfeiffer:master.

[Pull request](#) [Compare](#)

eMahtab Added log recipe

Latest commit 0811ee6 4 hours ago

files	Changed the index.html	14 days ago
recipes	Added log recipe	4 hours ago
LICENSE	Initial commit	3 years ago
README.md	Initial commit	3 years ago
metadata.rb	added default recipe	3 years ago

README.md

Stack name

Region

US East (N. Virginia)

VPC

vpc-2a011251 (default)

Default subnet

172.31.32.0/20 - us-east-1a

Default operating system

Amazon Linux 2017.09

Need a different OS? [Let us know.](#)

Default SSH key

Do not use a default SSH key

Chef version

11.10

Use custom Chef cookbooks

Yes

Define the source of your Chef cookbooks

Repository type

Git

Repository URL

https://github.com/eMahtab/demo-chef

Repository SSH key

Optional

Branch/Revision

Optional

Manage Berkshelf

No

Stack color

Note: This stack will use the regional API endpoint by default. You can change it in the Advanced section. [Learn more.](#)

[Advanced »](#)

Cancel

Add stack

Lets create the Node.js App Server Layer

OpsWorks

Stacks > opsworks-demo

Stack

Layers

Instances

Time-based

Load-based

Apps

Deployments

Monitoring

Resources

Permissions

Tags NEW

Stacks

Users

Add layer

OpsWorks

ECS

RDS

Layer type

Node.js App Server

The Node.js Application Server layer is a blueprint for instances that function as JavaScript application servers. [Learn more.](#)

Node.js version

0.12.18

Elastic Load Balancer

No ELBs have been created in your vpc-2a011251 in us-east-1. To add an ELB go to the [EC2 console](#).

Need further support? [Let us know.](#)

Cancel

Add layer

Next let's add an Instance to Node.js App Server Layer

The screenshot shows the AWS OpsWorks console for a stack named 'opsworks-demo'. The 'Node.js App Server' layer is selected. The 'New' tab is active, showing configuration options for adding a new instance. The configuration includes:

- Hostname: nodesjs-app1
- Size: t2.micro
- Subnet: 172.31.32.0/20 - us-east-1a
- Scaling type: 24/7 (selected)
- SSH key: sysops
- Operating system: Amazon Linux 2017.09
- OpsWorks Agent version: Inherit from stack
- Tenancy: Default - Rely on VPC settings
- Root device type: EBS backed (selected)
- Volume type: General Purpose SSD (gp2)
- Volume size: 8 (Min: 8 GiB, Max: 16384 GiB)

The 'Add Instance' button is highlighted with a blue arrow.

Next let's start the Instance

The screenshot shows the AWS OpsWorks console for the 'opsworks-demo' stack. The 'Instances' tab is selected, showing a list of instances for the 'Node.js App Server' layer. The instance 'nodesjs-app1' is in a 'stopped' state. The 'start' button is highlighted with a blue arrow.

Instances (1 total, 0 online, 0 setting up, 0 shutting down, 1 stopped, 0 errors) [Start All Instances](#)

An instance represents a server. It can belong to one or more layers, that define the instance's settings, resources, installed packages, profiles and security groups. When you start the instance, OpsWorks uses the associated layer's blueprint to create and configure a corresponding EC2 instance. [Learn more.](#)

Node.js App Server

Search for instances in this layer by name, status, size, type, AZ or IP

Hostname	Status	Size	Type	AZ	Public IP	Actions
nodesjs-app1	stopped	t2.micro	24/7	us-east-1a	-	start delete

[+ Instance](#)

You can [add more layers](#) to this stack or [register an instance](#).

OpsWorks Stacks > opsworks-demo

Stack

Layers

Instances

Time-based

Load-based

Apps

Deployments

Monitoring

Instances

1 total 1 online 0 setting up 0 shutting down 0 stopped 0 errors

Stop All Instances

Node.js App Server

Search for instances in this layer by name, status, size, type, AZ or IP

Hostname	Status	Size	Type	AZ	Public IP	Actions
nodejs-app1	online	t2.micro	24/7	us-east-1a	18.234.90.103	stop ssh

Next lets add an App to our stack

Stack

Layers

Instances

Time-based

Load-based

Apps

Deployments

Monitoring

Resources

Permissions

Tags NEW

Stacks

Users

Add App

Settings

Name: node-heyyo-app

Type: Node.js

By default we expect your Node.js app to listen on port 80. Furthermore, the file we pass to node has to be named "server.js" and should be located in your app's root directory.

Data Sources

Data source type: ☐ RDS ☐ OpsWorks ☒ None

Application Source

Repository type: Git

Repository URL: https://github.com/eMahtab/simple-noc

Repository SSH key: Optional

Branch/Revision: Optional

Environment Variables

PORT: 80 ☐ Protected value

KEY: VALUE ☐ Protected value

Application Source

Repository type	<input type="text" value="Git"/>
Repository URL	<input type="text" value="https://github.com/eMahtab/simple-noc"/>
Repository SSH key	<input type="text" value="Optional"/>
Branch/Revision	<input type="text" value="Optional"/>

Environment Variables

<input type="text" value="PORT"/>	<input type="text" value="80"/>	<input type="checkbox"/> Protected value	✖
<input type="text" value="KEY"/>	<input type="text" value="VALUE"/>	<input type="checkbox"/> Protected value	

Add Domains

Domain name	<input type="text" value="Optional"/>	+
-------------	---------------------------------------	---

SSL Settings

Enable SSL	<input type="checkbox"/> No
------------	-----------------------------

Cancel [Add App](#)

Now lets deploy the app from the OpsWorks console

OpsWorks

Stacks > opsworks-demo

Stack

Layers

Instances

Time-based

Load-based

Apps

Deployments

Apps ¹

[Add app](#)

Name	Type	Data Source	Last Deployment	Actions
node-heyyo-app	Node.js			↻ deploy ✎ edit 🗑 delete
+ App				

OpsWorks Stacks > opsworks-demo

Deploy App

Settings

App node-heygo-app

Command Deploy
Deploy an app.

Comment Optional

[Advanced »](#)

Instances ⓘ

OpsWorks will run this command on **1 of 1** instances. The assigned recipes are run on all selected instances.

[Advanced »](#)

Cancel **Deploy**

OpsWorks Stacks > opsworks-demo

Deployment node-heygo-app - deploy

Status **successful** **User** root

Created at 2018-10-16 17:14:23 UTC

Completed at 2018-10-16 17:15:33 UTC

Duration 00:01:10

Hostname	SSH	Layers	Duration	Log
✓ nodejs-app1	ssh	Node.js App Server	00:01:10	show

[Repeat](#)

18.234.90.103/

18.234.90.103

Heyyo v1 :)

Now lets change the code and deploy the changes using CLI

```
1 var http = require("http");
2
3 var port = process.env.PORT || 80;
4
5 http.createServer(function (request, response) {
6   response.writeHead(200, {'Content-Type': 'text/html'});
7   response.end("<h1 align='center'>Heyyo v2 :</h1>");
8 }).listen(port);
9
10 console.log('Server running at http://127.0.0.1:'+port);
```

```
[INBL2-42RG3QD:opsworks-node-app mahtab.alam$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        modified:   server.js

no changes added to commit (use "git add" and/or "git commit -a")
[INBL2-42RG3QD:opsworks-node-app mahtab.alam$ git add .
[INBL2-42RG3QD:opsworks-node-app mahtab.alam$ git status
On branch master
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

        modified:   server.js

[INBL2-42RG3QD:opsworks-node-app mahtab.alam$ git commit -m "Changed to v2"
[master 11173d6] Changed to v2
 1 file changed, 1 insertion(+), 1 deletion(-)
[INBL2-42RG3QD:opsworks-node-app mahtab.alam$ git remote -v
origin  https://github.com/eMahtab/simple-node-app.git (fetch)
origin  https://github.com/eMahtab/simple-node-app.git (push)
[INBL2-42RG3QD:opsworks-node-app mahtab.alam$ git push origin master
Counting objects: 3, done.
Delta compression using up to 8 threads.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 313 bytes | 0 bytes/s, done.
Total 3 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/eMahtab/simple-node-app.git
    de60c2b..11173d6  master -> master
INBL2-42RG3QD:opsworks-node-app mahtab.alam$
```

To deploy the code using CLI we will use the [create-deployment](#) subcommand of opsworks

Before we can use the create-deployment command we will have to first find out the stack id for our opsworks-demo stack with `describe-stacks` command, and the app id using `describe-apps` command

describe-stacks

```
INBL2-42RG3QD:opsworks-node-app mahtab.alam$ export AWS_PROFILE=mahtab-sysops
INBL2-42RG3QD:opsworks-node-app mahtab.alam$ aws opsworks --region us-east-1 describe-stacks
{
  "Stacks": [
    {
      "StackId": "efdc837e-9a7e-49f9-9300-41b8b412758b",
      "ServiceRoleArn": "arn:aws:iam::472821263165:role/aws-opsworks-service-role",
      "VpcId": "vpc-2a011251",
      "DefaultRootDeviceType": "ebs",
      "Name": "opsworks-demo",
      "HostnameTheme": "Layer_Dependent",
      "UseCustomCookbooks": true,
      "UseOpworksSecurityGroups": true,
      "Region": "us-east-1",
      "DefaultAvailabilityZone": "us-east-1a",
      "CreatedAt": "2018-10-16T17:00:07+00:00",
      "CustomCookbooksSource": {
        "Url": "https://github.com/eMahtab/demo-chef-recipe",
        "Type": "git"
      },
      "ConfigurationManager": {
        "Version": "11.10",
        "Name": "Chef"
      },
      "ChefConfiguration": {
        "BerkshelfVersion": "3.2.0",
        "ManageBerkshelf": false
      },
      "DefaultSubnetId": "subnet-732ef82f",
      "DefaultInstanceProfileArn": "arn:aws:iam::472821263165:instance-profile/aws-opsworks-ec2-role",
      "Attributes": {
        "Color": "rgb(45, 114, 184)"
      },
      "DefaultOs": "Amazon Linux 2017.09",
      "Arn": "arn:aws:opsworks:us-east-1:472821263165:stack/efdc837e-9a7e-49f9-9300-41b8b412758b/",
      "AgentVersion": "3449-20180605035318"
    }
  ]
}
INBL2-42RG3QD:opsworks-node-app mahtab.alam$
```

describe-apps

```
INBL2-42RG3QD:opsworks-node-app mahtab.alam$ aws opsworks --region us-east-1 describe-apps --stack-id efdc837e-9a7e-49f9-9300-41b8b412758b
{
  "Apps": [
    {
      "StackId": "efdc837e-9a7e-49f9-9300-41b8b412758b",
      "Environment": [
        {
          "Value": "80",
          "Key": "PORT",
          "Secure": false
        }
      ],
      "AppSource": {
        "Url": "https://github.com/eMahtab/simple-node-app",
        "Type": "git"
      },
      "DataSources": [],
      "EnableSsl": false,
      "SslConfiguration": {},
      "AppId": "b30bb5ec-f476-4b7d-887f-6a519f12693d",
      "Attributes": {
        "RailsEnv": null,
        "AutoBundleOnDeploy": "true",
        "AwsFlowRubySettings": null,
        "DocumentRoot": null
      },
      "Shortname": "node_heyyo_app",
      "Type": "nodejs",
      "CreatedAt": "2018-10-16T17:12:57+00:00",
      "Name": "node-heyyo-app"
    }
  ]
}
INBL2-42RG3QD:opsworks-node-app mahtab.alam$
```


Now we have both the stack id and app id, we can use the create-deployment command to deploy

create-deployment

```
aws opsworks --region us-east-1 create-deployment --stack-id  
efdc837e-9a7e-49f9-9300-41b8b412758b --app-id b30bb5ec-f476-4b7d-887f-6a519f12693d  
--command "{\"Name\":\"deploy\"}"
```

```
INBL2-42RG3QD:opsworks-node-app mahtab.alam$ aws opsworks --region us-east-1 create-deployment --stack-id efdc837e-9a7e-49f9-9300-41b8b412758b  
--app-id b30bb5ec-f476-4b7d-887f-6a519f12693d --command "{\"Name\":\"deploy\"}"  
{  
  "DeploymentId": "546d5045-44bc-4a54-8cc6-928a4d0fff23"  
}  
INBL2-42RG3QD:opsworks-node-app mahtab.alam$
```

We can see from the OpsWorks console that new deployment triggered by user Mahtab was successful

OpsWorks Stacks > opsworks-demo

Deployments and Commands ⓘ

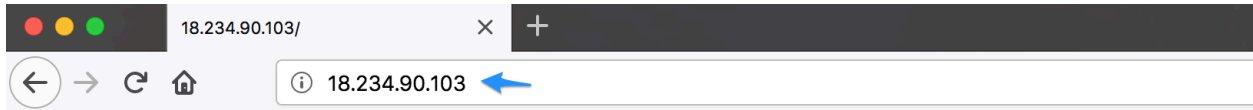
Deployments are a set of operations that you can use to manage your apps, such as deploying an app to a set of app server instances, or to run a command on some or all instances in the entire stack, such as updating packages. [Learn more.](#)

	Created at (UTC)	User	Command	Comment	App	Instances	Actions
✓	2018-10-16 17:34:41	Mahtab	deploy		node-heyho-app	1	repeat
✓	2018-10-16 17:14:23	root	deploy		node-heyho-app	1	repeat

We can also see the deployments information from CLI using `describe-deployments` command

```
INBL2-42RG3QD:opswor... mahtab.alam$ aws opswor... --region us-east-1 describe-deployments --stack-id efdc837e-9a7e-49f9-9300-41b8b412758b
{
  "Deployments": [
    {
      "StackId": "efdc837e-9a7e-49f9-9300-41b8b412758b",
      "Status": "successful",
      "CompletedAt": "2018-10-16T17:35:33+00:00",
      "IamUserArn": "arn:aws:iam::472821263165:user/Mahtab",
      "DeploymentId": "546d5045-44bc-4a54-8cc6-928a4d0fff23",
      "Command": {
        "Args": {},
        "Name": "deploy"
      },
      "InstanceIds": [
        "a882dc2f-25c9-4aa6-800c-e4ff81533764"
      ],
      "AppId": "b30bb5ec-f476-4b7d-887f-6a519f12693d",
      "Duration": 52,
      "CreatedAt": "2018-10-16T17:34:41+00:00"
    },
    {
      "StackId": "efdc837e-9a7e-49f9-9300-41b8b412758b",
      "Status": "successful",
      "CompletedAt": "2018-10-16T17:15:33+00:00",
      "IamUserArn": "arn:aws:iam::472821263165:root",
      "DeploymentId": "5f212ffc-49f2-46e1-bdd1-12d2d313e62c",
      "Command": {
        "Args": {},
        "Name": "deploy"
      },
      "InstanceIds": [
        "a882dc2f-25c9-4aa6-800c-e4ff81533764"
      ],
      "AppId": "b30bb5ec-f476-4b7d-887f-6a519f12693d",
      "Duration": 70,
      "CreatedAt": "2018-10-16T17:14:23+00:00"
    }
  ]
}
```

Lets check the app



Heyyo v2 :)

Now lets rollback to previous deployment using `create-deployment` command

```
aws opswor... --region us-east-1 create-deployment --stack-id
efdc837e-9a7e-49f9-9300-41b8b412758b --app-id b30bb5ec-f476-4b7d-887f-6a519f12693d
--command "{\"Name\":\"rollback\"}"
```

```
INBL2-42RG3QD:opswor... mahtab.alam$ aws opswor... --region us-east-1 create-deployment --stack-id efdc837e-9a7e-49f9-9300-41b8b412758b
--app-id b30bb5ec-f476-4b7d-887f-6a519f12693d --command "{\"Name\":\"rollback\"}"
{
  "DeploymentId": "9f51a953-974f-4763-8eb0-1f1b8b960445"
}
```

Our rollback command was successful

OpsWorks Stacks > opsworks-demo

Deployments and Commands ⓘ

Deployments are a set of operations that you can use to manage your apps, such as deploying an app to a set of app server instances, or to run a command on some or all instances in the entire stack, such as updating packages. [Learn more.](#)

	Created at (UTC)	User	Command	Comment	App	Instances	Actions
✓	2018-10-16 17:52:02	Mahtab	rollback		node-heyho-app	1	repeat
✓	2018-10-16 17:34:41	Mahtab	deploy		node-heyho-app	1	repeat
✓	2018-10-16 17:14:23	root	deploy		node-heyho-app	1	repeat

Lets check the app

18.234.90.103/

18.234.90.103

Heyyo v1 :)

Now lets execute a recipe using create-deployment command

eMahtab / demo-chef-recipe
forked from mikepfeiffer/demo-chef-recipe

Unwatch 1 Fork 53

Code Pull requests 0 Projects 0 Wiki Insights Settings

Branch: master demo-chef-recipe / recipes / log.rb Find file Copy path

eMahtab Added log recipe 0811ee6 4 hours ago

1 contributor

1 lines (1 sloc) 69 Bytes Raw Blame History

```
1 Chef::Log.info("***** ____ LEARNING OpsWorks ____ *****")
```

```
aws opsworks --region us-east-1 create-deployment --stack-id  
efdc837e-9a7e-49f9-9300-41b8b412758b --command "{\"Name\":\"execute_recipes\",  
\"Args\":{\"recipes\":[\"simple_demo::log\"]}]\""
```

```
INBL2-42RG3QD:opswor... mahtab.alam$ aws opswor... --region us-east-1 create-deployment --stack-id efdc837e-9a7e-49f9-9300-41b8b412758b
--command "{\"Name\":\"execute_recipes\", \"Args\":{\"recipes\":{\"simple_demo\":{\"log\"}}}"
{
  "DeploymentId": "3bc87f0a-5660-4b53-b6d1-e0c0e9377fed"
}
INBL2-42RG3QD:opswor... mahtab.alam$
```

OpsWorks
Stacks > opswor...demo

Stack
Layers
Instances
Time-based
Load-based
Apps
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Monitoring
Resources
Permissions
Tags
NEW

Deployments and Commands

Deployments are a set of operations that you can use to manage your apps, such as deploying an app to a set of app server instances, or to run a command on some or all instances in the entire stack, such as updating packages. [Learn more](#).

	Created at (UTC)	User	Command	Comment	App	Instances	Actions
✓	2018-10-16 17:59:30	Mahtab	execute_recipes		-	1	repeat
✓	2018-10-16 17:52:02	Mahtab	rollback		node-heyio-app	1	repeat
✓	2018-10-16 17:34:41	Mahtab	deploy		node-heyio-app	1	repeat
✓	2018-10-16 17:14:23	root	deploy		node-heyio-app	1	repeat

Deploy an App
Run Command

Lets check the logs for execute recipe deployment

```
31 [2018-10-16T18:00:08+00:00] INFO: Processing package[opswor...berksshelf] action remove (opswor...berksshelf::purge line 1)
32 [2018-10-16T18:00:08+00:00] INFO: Processing gem_package[berksshelf] action purge (opswor...berksshelf::purge line 6)
33 [2018-10-16T18:00:08+00:00] INFO: Processing log[delete_repo] action nothing (opswor...berksshelf::purge line 16)
34 [2018-10-16T18:00:08+00:00] INFO: Processing directory[/opt/aw...opswor...current/berksshelf-cookbooks] action delete (opswor...berksshelf::purge line 21)
35 [2018-10-16T18:00:08+00:00] INFO: Processing execute[ensure correct permissions of custom cookbooks] action run (opswor...custom_cookbooks::checkout line 97)
36 [2018-10-16T18:00:08+00:00] INFO: execute[ensure correct permissions of custom cookbooks] ran successfully
37 [2018-10-16T18:00:08+00:00] INFO: Processing ruby_block[merge all cookbooks sources] action run (opswor...custom_cookbooks::load line 16)
38 [2018-10-16T18:00:09+00:00] INFO: ruby_block[merge all cookbooks sources] called
39 [2018-10-16T18:00:09+00:00] WARN: Skipping final node save because override_runlist was given
40 [2018-10-16T18:00:09+00:00] INFO: Chef Run complete in 8.820957919 seconds
41 [2018-10-16T18:00:09+00:00] INFO: Running report handlers
42 [2018-10-16T18:00:09+00:00] INFO: Report handlers complete
43
44 ---
45
46 [2018-10-16T18:00:10+00:00] INFO: Starting chef-zero on port 8889 with repository at repository at /opt/aw...opswor...current
47 One version per cookbook
48 data_bags at /var/lib/aw...opswor...data/data_bags
49 nodes at /var/lib/aw...opswor...data/nodes
50
51 [2018-10-16T18:00:10+00:00] INFO: Forking chef instance to converge...
52 [2018-10-16T18:00:10+00:00] INFO: *** Chef 11.10.4 ***
53 [2018-10-16T18:00:10+00:00] INFO: Chef-client pid: 7276
54 [2018-10-16T18:00:10+00:00] INFO: Setting the run_list to ["opswor...custom_cookbooks::load", "opswor...custom_cookbooks::execute"] from JSON
55 [2018-10-16T18:00:10+00:00] WARN: Run List override has been provided.
56 [2018-10-16T18:00:10+00:00] WARN: Original Run List: [recipe[opswor...custom_cookbooks::load], recipe[opswor...custom_cookbooks::execute]]
57 [2018-10-16T18:00:10+00:00] WARN: Overridden Run List: [recipe[opswor...stack_state_sync], recipe[simple_demo::log], recipe[test_suite], recipe[opswor...cleanup]]
58 [2018-10-16T18:00:10+00:00] INFO: Run List is [recipe[opswor...stack_state_sync], recipe[simple_demo::log], recipe[test_suite], recipe[opswor...cleanup]]
59 [2018-10-16T18:00:10+00:00] INFO: Starting Chef Run for nodejs-appl.localdomain
60 [2018-10-16T18:00:10+00:00] INFO: Running start handlers
61 [2018-10-16T18:00:10+00:00] INFO: Start handlers complete.
62 [2018-10-16T18:00:10+00:00] INFO: HTTP Request Returned 404 Not Found: Object not found: /reports/nodes/nodejs-appl.localdomain/runs
63 [2018-10-16T18:00:16+00:00] INFO: Loading cookbooks [apache2, dependencies, deploy, gem_support, mod_php5_apache2, mysql, nginx, opswor...agent_monit, opswor...aws_flow_ruby,
64 [2018-10-16T18:00:16+00:00] INFO: Storing updated cookbooks/simple_demo/recipes/default.rb in the cache.
65 [2018-10-16T18:00:16+00:00] INFO: Storing updated cookbooks/simple_demo/recipes/custom_json.rb in the cache.
66 [2018-10-16T18:00:17+00:00] INFO: Storing updated cookbooks/simple_demo/recipes/data_bags.rb in the cache.
67 [2018-10-16T18:00:17+00:00] INFO: Storing updated cookbooks/simple_demo/recipes/log.rb in the cache.
68 [2018-10-16T18:00:17+00:00] INFO: Storing updated cookbooks/simple_demo/metadata.rb in the cache.
69 [2018-10-16T18:00:17+00:00] INFO: Storing updated cookbooks/simple_demo/LICENSE in the cache.
70 [2018-10-16T18:00:17+00:00] INFO: Storing updated cookbooks/simple_demo/README.md in the cache.
71 [2018-10-16T18:00:17+00:00] INFO: ***** LEARNING OpsWorks *****
72 [2018-10-16T18:00:17+00:00] INFO: Processing template[/etc/hosts] action create (opswor...stack_state_sync::hosts line 3)
73 [2018-10-16T18:00:17+00:00] INFO: Processing template[/etc/motd.opswor...static] action create (opswor...stack_state_sync::motd line 8)
74 [2018-10-16T18:00:17+00:00] INFO: Processing ruby_block[Remove temp directories] action run (opswor...cleanup::default line 3)
75 [2018-10-16T18:00:17+00:00] INFO: ruby_block[Remove temp directories] called
76 [2018-10-16T18:00:17+00:00] INFO: Processing ruby_block[Clean up old chef log files] action run (opswor...cleanup::default line 11)
77 [2018-10-16T18:00:17+00:00] INFO: Clean up: There are fewer than 10 logs - skipping cleanup
78 [2018-10-16T18:00:17+00:00] INFO: ruby_block[Clean up old chef log files] called
79 [2018-10-16T18:00:17+00:00] WARN: Skipping final node save because override_runlist was given
80 [2018-10-16T18:00:17+00:00] INFO: Chef Run complete in 6.884116278 seconds
81 [2018-10-16T18:00:17+00:00] INFO: Running report handlers
82 [2018-10-16T18:00:17+00:00] INFO: Report handlers complete
83
```

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