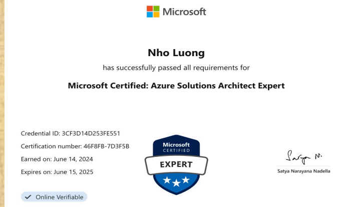
Resources Overview

Author: Nho Luong

Skill: DevOps Engineer Lead



Microsoft

Nho Luong

has successfully passed all requirements for

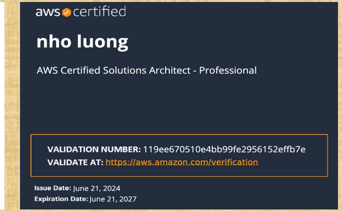
Microsoft Certified: Azure Solutions Architect Expert

Credential ID: 3CF3D14D253FE551
Certification number: 46F8FB-7D3F5B
Earned on: June 14, 2024
Expires on: June 15, 2025

Microsoft
CERTIFIED
EXPERT

Satya Narayana Nadella

✓ Online Verifiable



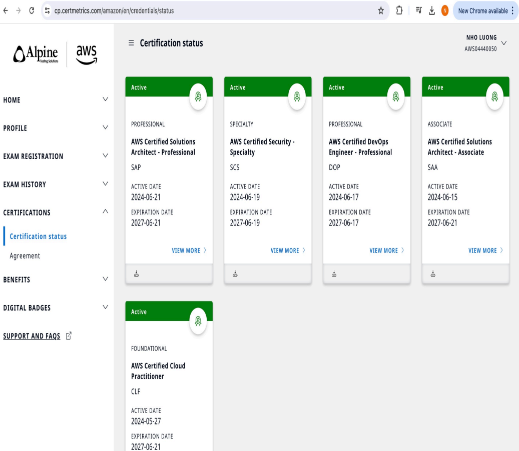
aws certified

nho luong

AWS Certified Solutions Architect - Professional

VALIDATION NUMBER: 119ee670510e4bb99fe2956152effb7e
VALIDATE AT: https://aws.amazon.com/verification

Issue Date: June 21, 2024
Expiration Date: June 21, 2027



cp.certmetrics.com/amazon/en/credentials/status

Certification status

NHO LUONG
AWS04440050

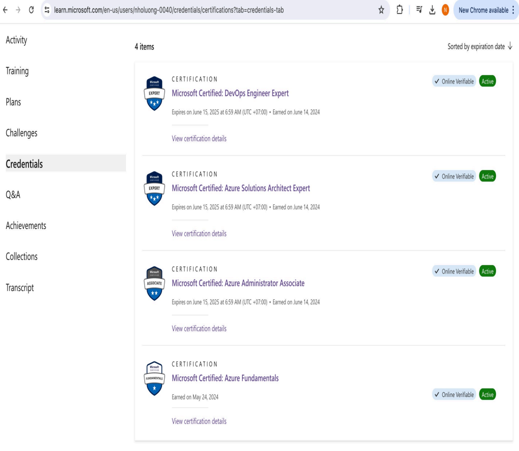
Active
PROFESSIONAL
AWS Certified Solutions Architect - Professional
SAP
ACTIVE DATE
2024-06-21
EXPIRATION DATE
2027-06-21
VIEW MORE

Active
SPECIALTY
AWS Certified Security - Specialty
SCS
ACTIVE DATE
2024-06-19
EXPIRATION DATE
2027-06-19
VIEW MORE

Active
PROFESSIONAL
AWS Certified DevOps Engineer - Professional
DOP
ACTIVE DATE
2024-06-17
EXPIRATION DATE
2027-06-17
VIEW MORE

Active
ASSOCIATE
AWS Certified Solutions Architect - Associate
SAA
ACTIVE DATE
2024-06-15
EXPIRATION DATE
2027-06-21
VIEW MORE

Active
FOUNDATIONAL
AWS Certified Cloud Practitioner
CLF
ACTIVE DATE
2024-05-27
EXPIRATION DATE
2027-06-21



learn.microsoft.com/en-us/users/nholuong-0040/credentials/certifications?tab=credentials-tab

4 items

Sorted by expiration date ↓

CERTIFICATION
Microsoft Certified: DevOps Engineer Expert
Expires on June 15, 2025 at 6:59 AM (UTC +07:00) • Earned on June 14, 2024
View certification details
✓ Online Verifiable · Active

CERTIFICATION
Microsoft Certified: Azure Solutions Architect Expert
Expires on June 15, 2025 at 6:59 AM (UTC +07:00) • Earned on June 14, 2024
View certification details
✓ Online Verifiable · Active

CERTIFICATION
Microsoft Certified: Azure Administrator Associate
Expires on June 15, 2025 at 6:59 AM (UTC +07:00) • Earned on June 14, 2024
View certification details
✓ Online Verifiable · Active

CERTIFICATION
Microsoft Certified: Azure Fundamentals
Earned on May 24, 2024
View certification details
✓ Online Verifiable · Active

DOCS

Resources

A resource is a statement of configuration policy.

It describes the desired state of an element of your infrastructure and the steps needed to bring that item to the desired state.

https://docs.chef.io/resources.html

Author: Nho Luong
Skill: DevOps Engineer Lead

Example: Package

```
package 'httpd' do
  action :install

end
```

The package named 'httpd' is installed.

https://docs.chef.io/resource_package.html

Example: Service

```
service 'ntp' do
  action [ :enable, :start ]
end
```

The service named 'ntp' is enabled (start on reboot) and started.

https://docs.chef.io/resource_service.html

Example: File

```
file '/etc/motd' do
  content 'This computer is the property ...'
end
```

The file name '/etc/motd' is created with content 'This computer is the property ...'

https://docs.chef.io/resource_file.html

Example: File

```
file '/etc/php.ini.default' do
  action :delete
end
```

The file name '/etc/php.ini.default' is deleted.

https://docs.chef.io/resource_file.html

GL: Hello, World?

I heard Chef is written in Ruby. If that's the case its required that we write a quick "Hello, world!" application.

Objective:

- ❑ Create a recipe that writes out a file with the contents "Hello, world!"
- ❑ Apply that recipe to the workstation Verify the contents of the file
- ❑

Author: Nho Luong
Skill: DevOps Engineer Lead

GL: Create and Open a Recipe File

```
$ nano hello.rb
```

LOCAL

GL: Create a Recipe File Named hello.rb

```
~/hello.rb file '/hello.txt'
do
 content 'Hello, world!'
end
```

The file named '/hello.txt' is created with the content 'Hello, world!'

https://docs.chef.io/resources.html

GL: Apply the Recipe File

```
$ sudo chef-client –-local-mode hello.rb
```

```
Starting Chef Client, version 12.5.1 resolving cookbooks for run list: [] Synchronizing
Cookbooks: Compiling Cookbooks... [2016-02-19T13:08:13+00:00] WARN: Node ip-172-31-12-
176.ec2.internal has an empty run list. Converging 1 resources Recipe:
@recipe_files::/home/chef/hello.rb  * file[hello.txt] action create

    - create new file hello.txt - update content in file
    hello.txt from non to 315f5b +++ ./.hello.txt20160224-
    8559-19kqial
      2016-02-24 16:51:04.400844959 +0000
    @@ -1 +1,2 @@
    +Hello, world!
```

LOCAL

GL: What Does hello.txt Say?

```
$ cat /hello.txt
```

```
Hello, world!
```

LOCAL

GL: Hello, World?

I heard Chef is written in Ruby. If that's the case its required that we write a quick "Hello, world!" application.

Objective:

√ Create a recipe that writes out a file with the contents "Hello, world!"

√ Apply that recipe to the workstation Verify the contents of the file

√

CONCEPT

Resource Definition

```
file 'hello.txt' do
 content 'Hello, world!'

end
```

The TYPE named NAM should be ACTION'd with
PROPERTIES E

Author: Nho Luong
Skill: DevOps Engineer Lead

CONCEPT

Resource Definition

```
file 'hello.txt' do
 content 'Hello, world!'

end
```

The TYPE named NAM should be ACTION'd with
PROPERTIES E

Author: Nho Luong
Skill: DevOps Engineer Lead

CHEF

CONCEPT

Resource Definition

```
file 'hello.txt' do
 content 'Hello, world!'
end
```

The TYPE named NAME should be ACTION'd with PROPERTIES

CONCEPT

Resource Definition

```
file 'hello.txt' do
 content 'Hello, world!'
end
```

The TYPE named NAM should be ACTION'd with
PROPERTIES E

Author: Nho Luong
Skill: DevOps Engineer Lead

CONCEPT

Resource Definition

```
file 'hello.txt' do
 content 'Hello, world!'
end
```

?

The TYPE named NAME should be ACTION'd with PROPERTIES

Author: Nho Luong
Skill: DevOps Engineer Lead

CONCEPT

Resource Definition

```
file 'hello.txt' do  content
'Hello, world!'  action
:create end
```

?

The TYPE named NAME should be ACTION'd with PROPERTIES

CONCEPT

Resource Definition

```
file 'hello.txt' do  content
'Hello, world!'  action
:create end
```

If no ACTION is listed, the default action is applied.

https://docs.chef.io/resource.html#resources-syntax

Thank You

Author: Nho Luong
Skill: DevOps Engineer Lead