Ubuntu is an open-source operating system for personal computers based on Debian Linux distribution;

the desktop version of Ubuntu4 supports the Intel x86 32-bit and 64-bit architectures.

The Simple Notification Service (SNS) is a Web service for: monitoring applications, workflow

systems, time-sensitive information updates, mobile applications, and other event-driven applications

that require a simple and efficient mechanism for message delivery. SNS “pushes” messages to clients

rather than requiring a user to periodically poll a mailbox or another site for messages.

SNS is based on the publish/subscribe paradigm; it allows a user to define the topics, the transport

protocol used (HTTP/HTTPS, email, SMS, SQS), and the endpoint (URL, email address, phone number,

SQS queue) for notifications to be delivered. It supports the following actions:

• Add/Remove Permission.

• Confirm Subscription.

• Create/Delete Topic.

• Get/Set Topic Attributes.

• List Subscriptions/Topics/Subscriptions by Topic.

• Publish/Subscribe/Unsubscribe.

The document at http://awsdocs.s3.amazonaws.com/SNS/latest/sns-qrc.pdf

provides detailed information about each one of these actions.

To install the SNS client the following steps must be taken:

1. Install Java in the root directory and then execute the commands:

deb http://archive.canonical.com/lucidpartner

update

install sun-java6-jdk

Then change the default Java settings:

update-alternatives -config java

2. Download the SNS client, unzip the file, and change permissions:

wget http://sns-public-resources.s3.amazonaws.com/

SimpleNotificationServiceCli-2010-03-31.zip

chmod 775 /root/ SimpleNotificationServiceCli-1.0.2.3/bin

3. Start the AWS Management Console and go to Security Credentials. Check the Access Key ID and

the Secret Access Key and create a text file /root/credential.txt with the following content:

AWSAccessKeyId= your\_Access\_Key\_ID

AWSSecretKey= your\_Secret\_Access\_Key

4. Edit the .bashrc file and add:

export AWS\_SNS\_HOME=˜/SimpleNotificationServiceCli-1.0.2.3/

export AWS\_CREDENTIAL\_FILE=$HOME/credential.txt

export PATH=$AWS\_SNS\_HOME/bin

export JAVA\_HOME=/usr/lib/jvm/java-6-sun/

5. Reboot the system.

6. Enter on the command line:

sns.cmd

If the installation was successful, the list of SNS commands will be displayed.