

READ THE DOCS

VNF REQ

<https://wiki.onap.org/display/DW/VNFRQTS+How+to+Contribute>

<https://wiki.onap.org/display/DW/VNFRQTS+Requirement+and+Documentation+Standards>

- Setup
- Process
 - Setting Up the Project
 - Editing the Documents
 - Committing and Submitting Your Changes
 - Making Updates
 - After Your Changes Are Accepted and Merged

Overview

The goal of the VNF Guidelines and Requirements project is to provide guidance to VNF providers on the guidelines, rules, and specifications to which a VNF must adhere to correctly onboard and operate within ONAP. These rules span across the VNF's lifecycle and are influenced by the various components that comprise ONAP as well as various industry standards that are required for interoperability.

This project welcomes and encourages contributions, feedback, and inquiries through a variety of mechanisms. The intent of this guide is to inform a potential contributor of the various options available to them, and provide instructions on how to use those mechanisms.

Since this project is an approved project of the ONAP community, most of the ways to contribute are consistent with the standard tools used across ONAP. Please refer to the [Getting involved with the ONAP community page](#) for general information on getting involved with ONAP.


Available Options

The method for contributing or interacting with the VNF Requirements project depends on the type of contribution. Please refer to the following table for guidance on the best method to use.

Contribution Type	Method(s)
General questions, feedback, or support requests	Leverage the ONAP mailing lists. Send an email to onap-discuss@lists.onap.org and use the project hashtag #vnfrqts in the subject line of your email.
Staying apprised of progress or collaborating on new work	Attend the weekly VNF Requirements project meetings . Review prior meeting minutes . Additionally you can register for a Linux Foundation ID, and sign into Gerrit and/or JIRA to repository commits and JIRA issues. <ul style="list-style-type: none">• Git/Gerrit repositories are prefixed by vnfrqts*• JIRA Project - VNF Requirements VNFRQTS
Submitting Bugs	If you find an issue in the VNF Requirements project in either the ONAP Developer Guide or the ONAP Wiki , please submit a JIRA ticket under the VNF Requirements project . Project: VNF Requirements Issue Type: Bug Please include the link to the page in question and if applicable the requirement(s) IDs that are impacted.

<https://gerrit.onap.org/r/#/dashboard/self>

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All **My** Projects People Documentation

Changes Drafts Draft Comments Edits Watched Changes Shared Changes Groups

Search term Hagop Bozawglanian

My Reviews

Subject	Status	Owner	Project	Branch	Updated	Size	CR	Y
Outgoing reviews (None)								
Incoming reviews (None)								
Recently closed								
VMFRQTS - Security logging requirements	Merged	Trevor Lovett	vfrqts/requirements	master (VMFRQTS-443-SECURITY-LOGGING)	Sep 21		✓ ✓ ✓	
VMFRQTS - Updating monitor req for Casablanca	Merged	Trevor Lovett	vfrqts/requirements	master	Sep 20		✓ ✓ ✓	
VMFRQTS - Updating the testing annex	Merged	Hagop Bozawglanian	vfrqts/testcases	master	Sep 19		✓ ✓ ✓	
VMFRQTS - Rerword and Move Security Batch 3	Merged	Hagop Bozawglanian	vfrqts/requirements	master	Sep 19		✓ ✓ ✓	
VMFRQTS - Move Security Req R-33488	Merged	Hagop Bozawglanian	vfrqts/requirements	master	Sep 18		✓ ✓ ✓	
VMFRQTS - Removing Security Req Batch 7	Merged	Hagop Bozawglanian	vfrqts/requirements	master	Sep 18		✓ ✓ ✓	
VMFRQTS - Move Security Requirement R-86261	Merged	Hagop Bozawglanian	vfrqts/requirements	master	Sep 17		✓ ✓ ✓	
VMFRQTS - Rerwording Security Req Batch 7	Merged	Hagop Bozawglanian	vfrqts/requirements	master	Sep 17		✓ ✓ ✓	
VMFRQTS - Removing Security Req Batch 6	Merged	Hagop Bozawglanian	vfrqts/requirements	master	Sep 17		✓ ✓ ✓	
VVP - Fixing script for traceability csv	Merged	Hagop Bozawglanian	vp/validation-scripts	master	Sep 17		✓ ✓ ✓	


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RST – Documentation as Code
SSH
Push Securely

<https://wiki.onap.org/display/DW/Configuring+Gerrit>

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Search term

List

Projects

Filter

Project Name	Project Description
vnfrqs/epics	This repository contains Epic Statements for VNFs for use with the ONAP platform.
vnfrqs/guidelines	This repository contains Guidelines for VNFs for use with the ONAP platform.
vnfrqs/requirements	This repository contains Requirements for VNFs for use with the ONAP platform.
vnfrqs/testcases	This repository contains test case descriptions for VNFs for use with the ONAP platform.
vnfrqs/usecases	This repository contains Use cases for VNFs for use with the ONAP platform.

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List **General** Branches Tags Access Dashboards

Project vnfrqts/requirements

Clone | Clone with commit-msg hook | anonymous http | http | ssh |

```
git clone ssh://hb755d@gerrit.onap.org:29418/vnfrqts/requirements
```

Description

This repository contains Requirements for VNFs for use with the ONAP platform

Copy to clipboard

Project Options

State:

Active ▾

Submit Type:

Merge if Necessary ▾

Allow content merges:

INHERIT (true) ▾

Create a new change for every commit not in the target branch:

INHERIT (false) ▾

Require Change-Id in commit message:

INHERIT (true) ▾

Enable signed push:

INHERIT (true) ▾

Require signed push:

INHERIT (false) ▾

Maximum Git object size limit:

effective: 5m

Contributor Agreements

Require Signed-off-by in commit message:

INHERIT (true) ▾



- All
 - My
 - Projects
 - People
 - Documentation
-
- List
 - General
 - Branches
 - Tags
 - Access
 - Dashboards

Settings

- Profile
- Preferences
- Diff Preferences
- Edit Preferences
- Watched Projects
- Contact Information
- SSH Public Keys
- HTTP Password
- GPG Public Keys
- Identities
- Groups

Status	Algorithm	Key	Comment
<input type="checkbox"/>	ssh-rsa	AAAAB3NzaC1yc2EAAAABJQAAAQEA...	rsa-key-20170711
<input type="checkbox"/>	ssh-rsa	AAAAB3NzaC1yc2EAAAADAQABAAQ...	hb756d@att.com
<input type="checkbox"/>	ssh-rsa	AAAAB3NzaC1yc2EAAAADAQABAAQ...	hagop@hagop-VirtualBox

Server Host Key

Fingerprint:

43:bb:e6:62:97:aa:19:21:2b:07:64:2d:19:f3:49:4a

Entry for ~/.ssh/known_hosts:

[gerrit.onap.org]:29418 ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQCAyS2v00e...B+cd/vjV6j

Server Host Key

Fingerprint:

0a:06:03:ca:0a:51:ed:97:5e:38:79:69:41:6a:02:6d

Entry for ~/.ssh/known_hosts:

[gerrit.onap.org]:29418 ssh-dss AAAAB3NzaC1kc3MAAACBAFFW7/3Fav6Y62Bj+H...Dde0C18C4=

<https://wiki.onap.org/display/DW/Setting+Up+Your+Development+Environment>

GIT

GARRET REVIEW


PYTHON

TALKS

<https://www.mediawiki.org/wiki/Gerrit/git-review#Windows>

INSTALL GIT

<https://gitforwindows.org/>



git for windows

VERSION 2.26.0

FAQ REPOSITORY MAILING LIST

We bring the awesome **Git** SCM to Windows

Download Contribute

Git 2.26.0 Setup

Information
Please read the following important information before continuing.

When you are ready to continue with Setup, click Next.

GNU General Public License

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
59 Temple Place - Suite 330, Boston, MA 02111-1307, USA

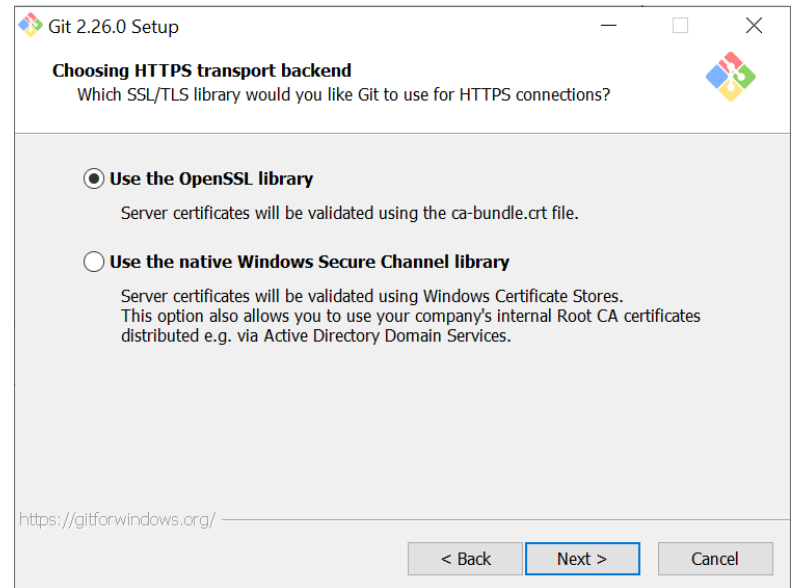
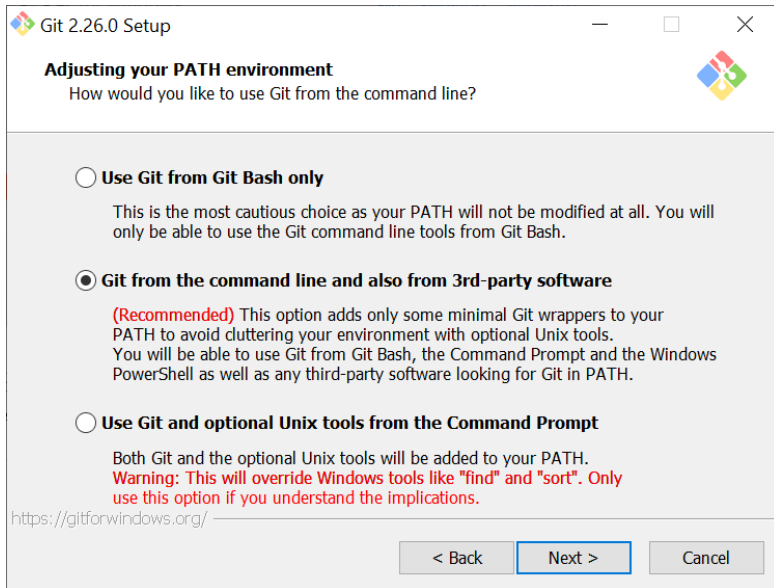
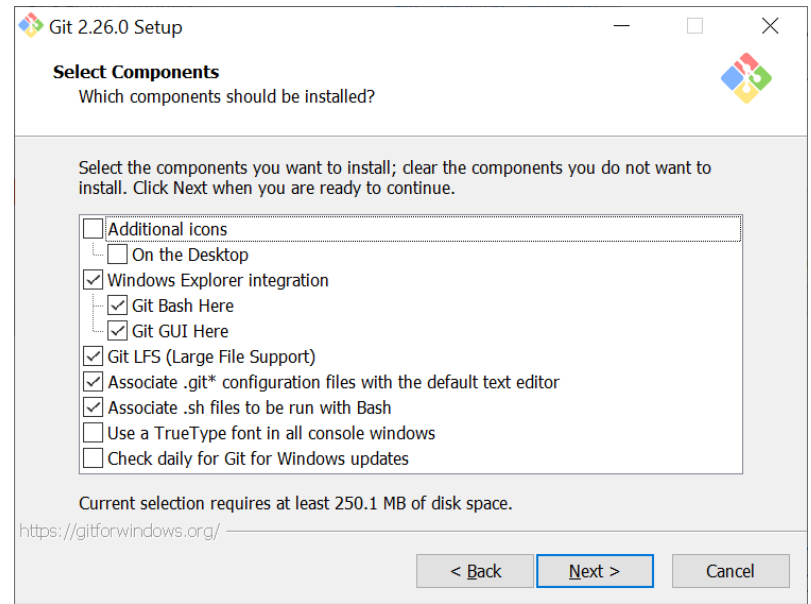
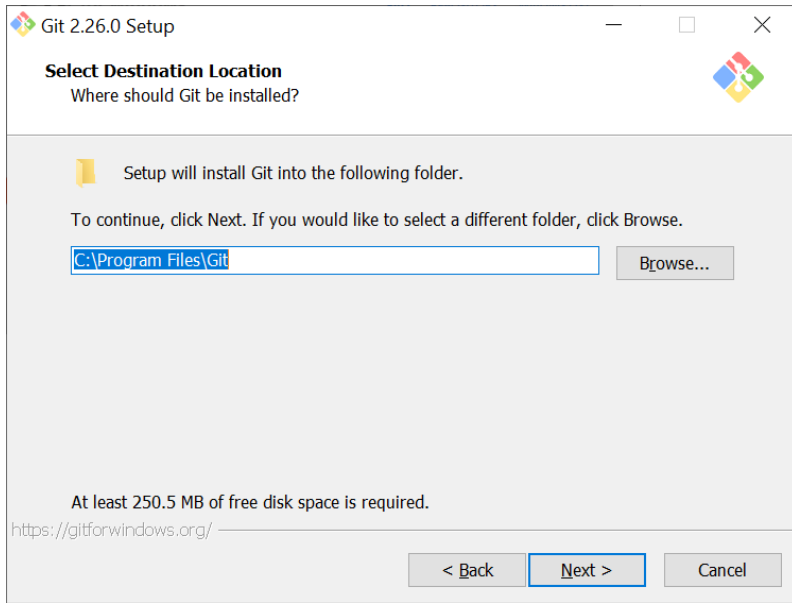
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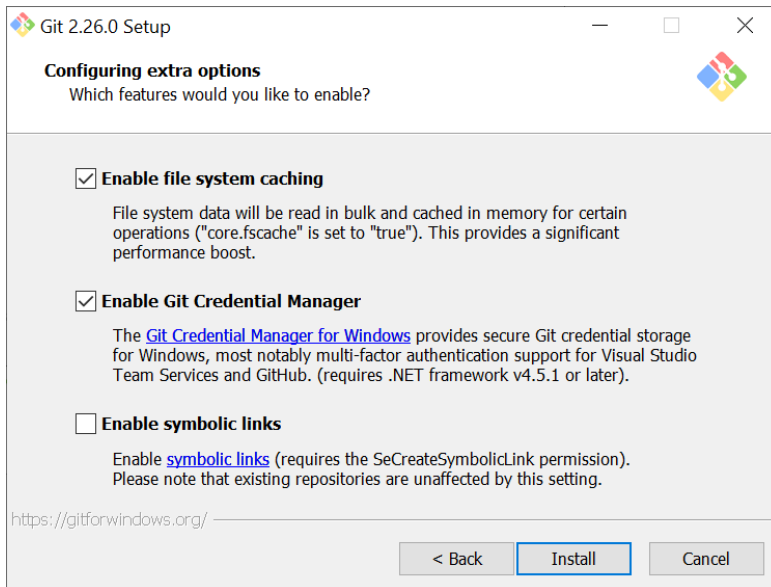
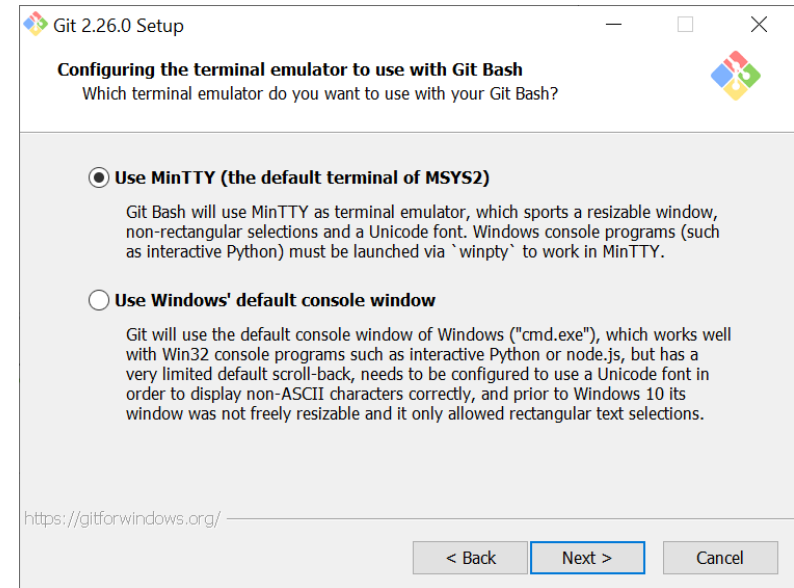
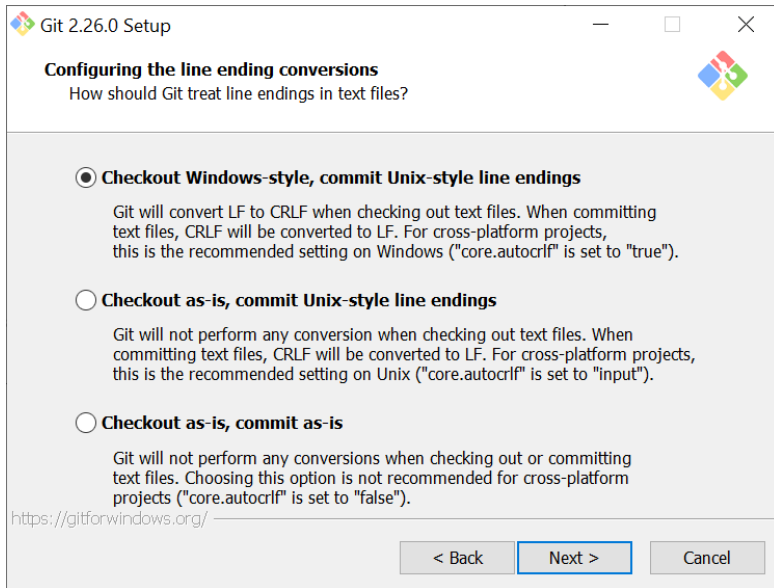
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change

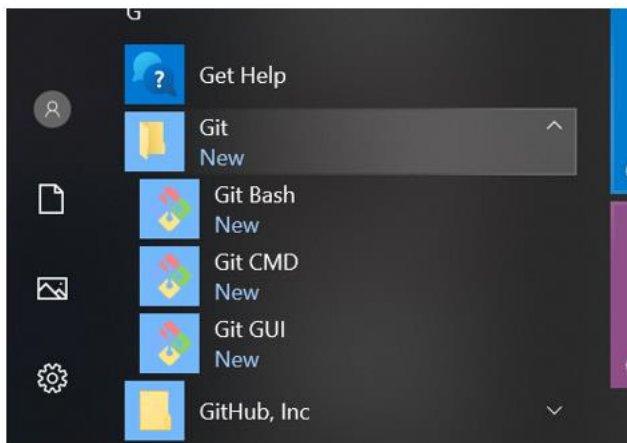
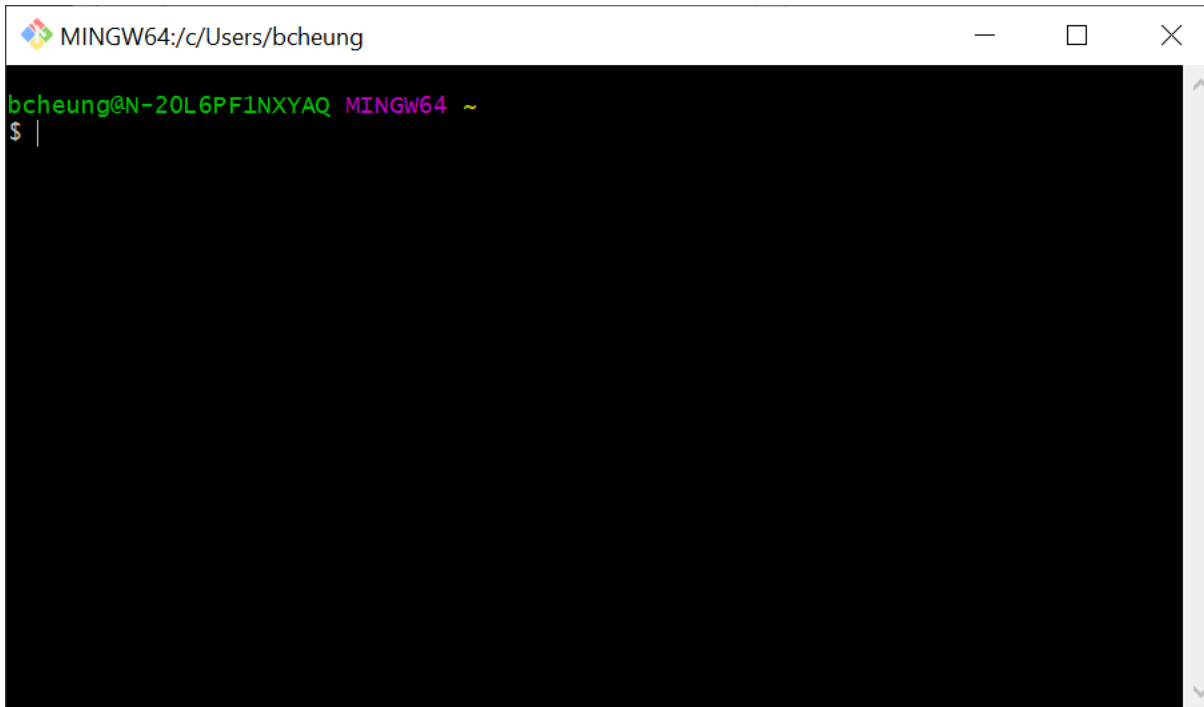
<https://gitforwindows.org/>

Next > Cancel





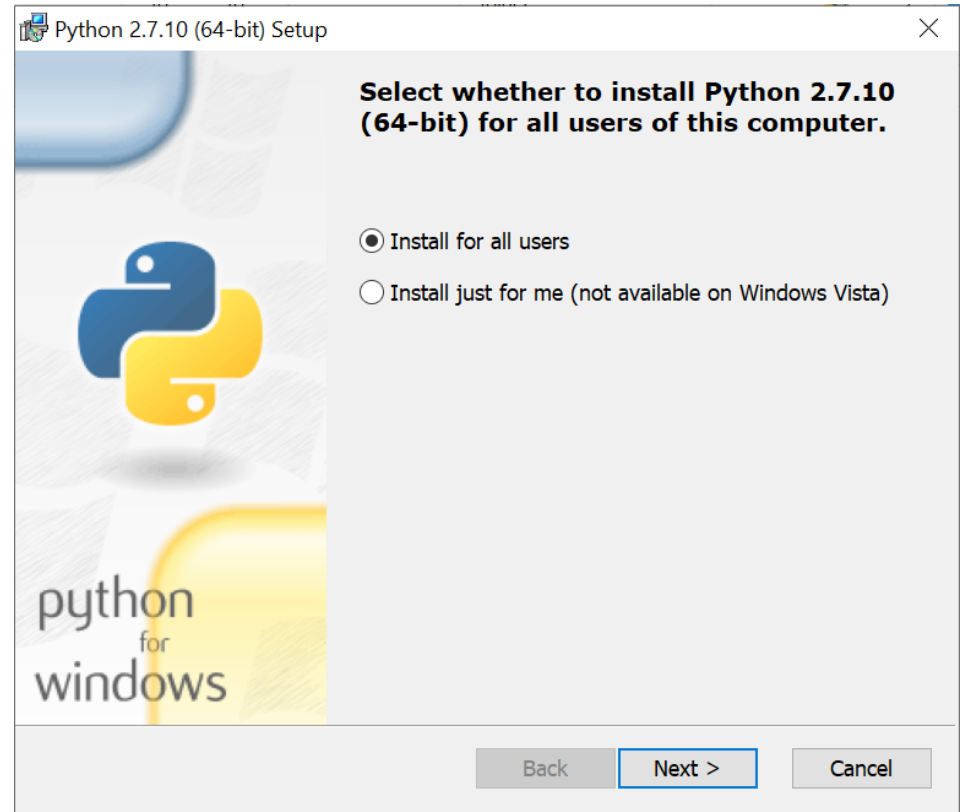
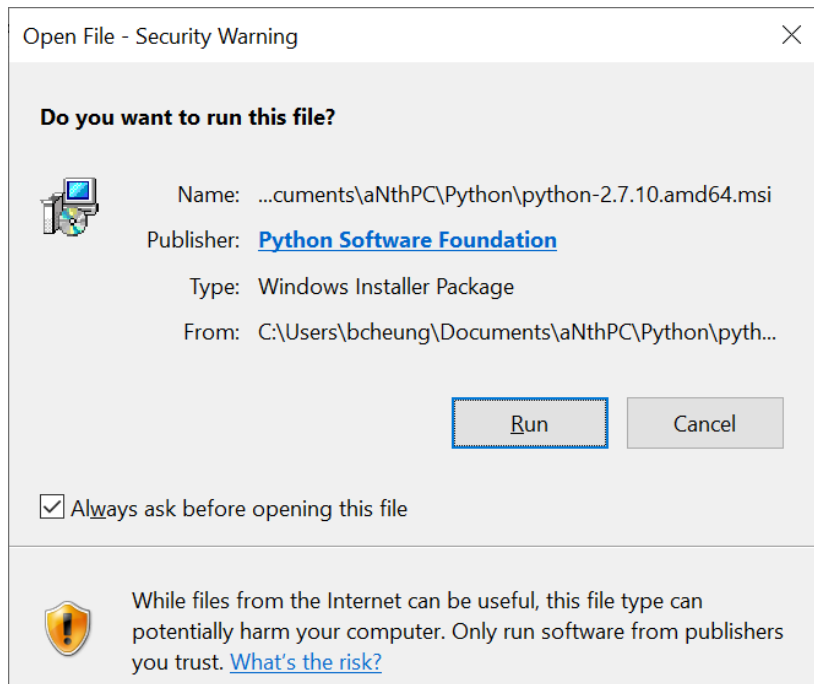
AFTER INSTALLING – Launch the GITBASH

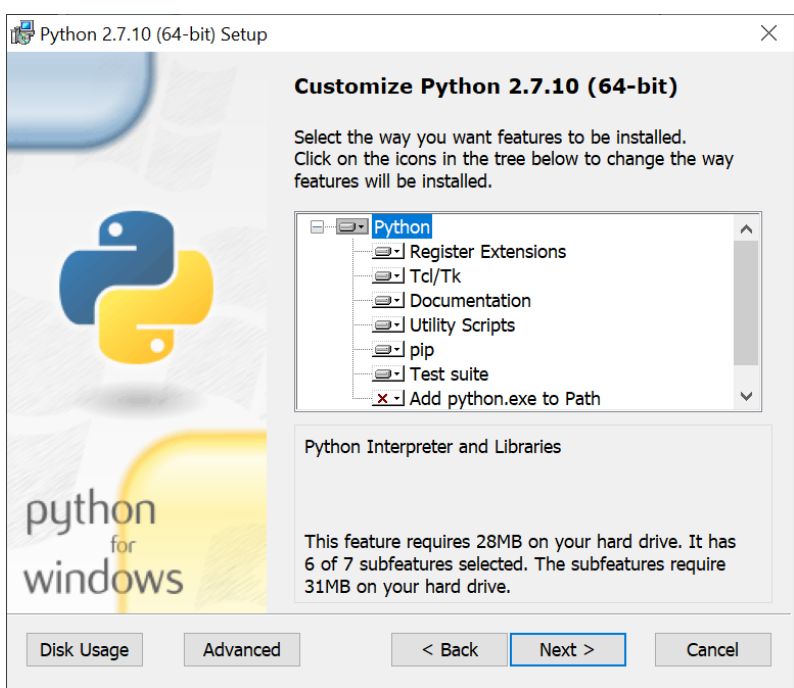
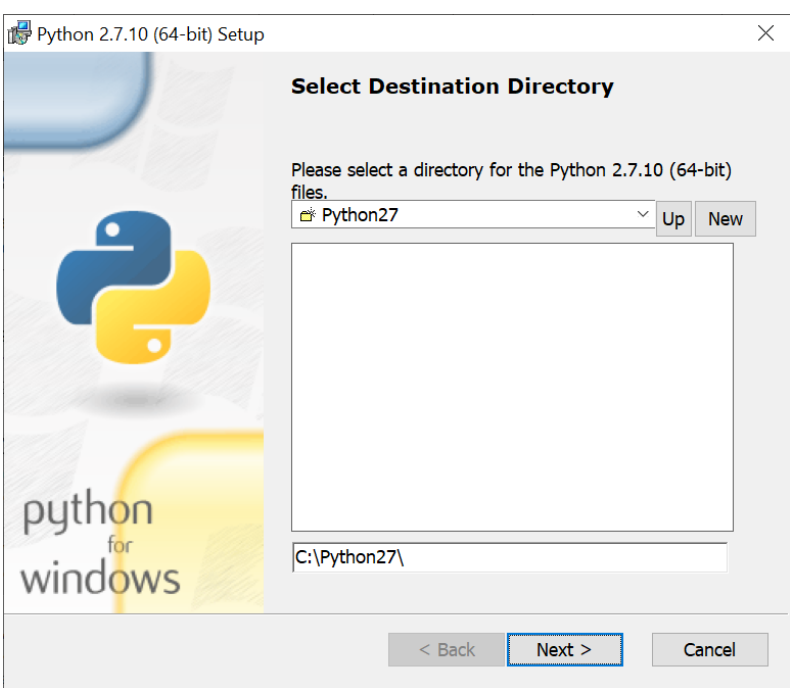


INSTALL PYTHON

64-bit: <https://www.python.org/ftp/python/2.7.10/python-2.7.10.amd64.msi>

<https://www.python.org/ftp/python/2.7.10/python-2.7.10.amd64.msi>





Windows

Python is needed for git-review to function and pip is used for its installation:

Install Python or upgrade to the most current version of Python 2 or Python 3.

Important: Do not install Python in any directory with a space in its path as there is a pip bug (see [1]), use the default, e.g. `C:\Python34\`

During the Python installation, manually select **Add python.exe to Path**

Otherwise, add your python scripts directory manually to the system path (Settings, Control panel, System, Advanced system settings, Environment variables, User variables, Path; e.g. `C:\Python34\;C:\Python34\Scripts\`); Different directories in path are delimited by a semicolon ";" only - do not add any whitespace to path list.)

Python 3.4 has pip already installed. Only if you have an older version, install pip by following the instructions here.

Run Git Bash as Administrator (right click on icon for this option) and install git-review with the following command:

```
$ pip install git-review
```

If you experience problems such as these:

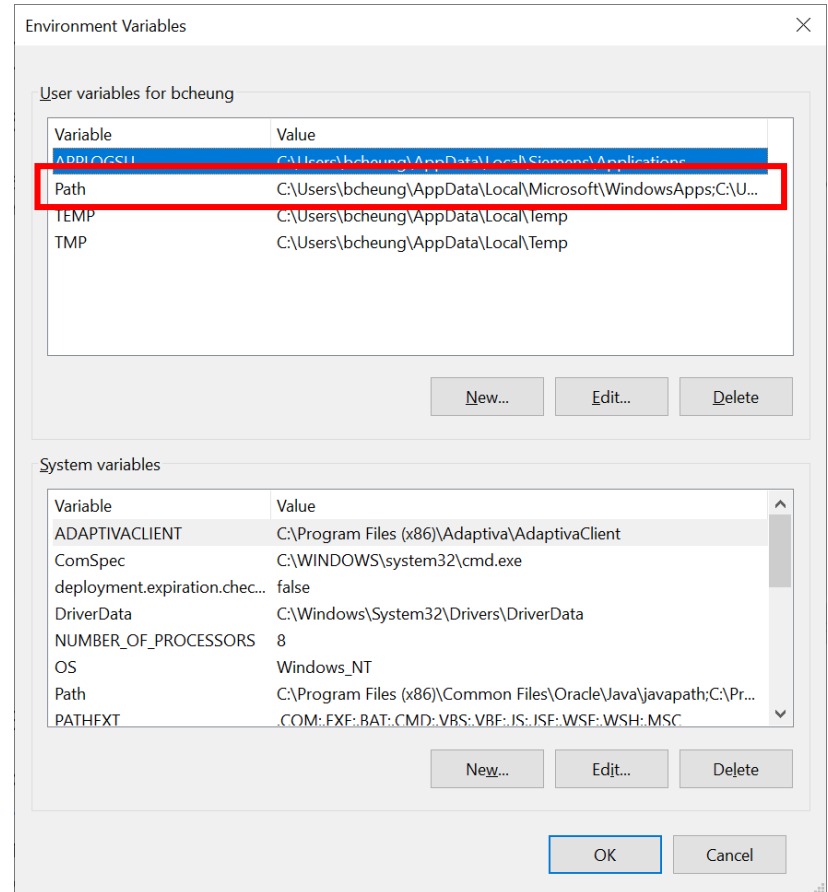
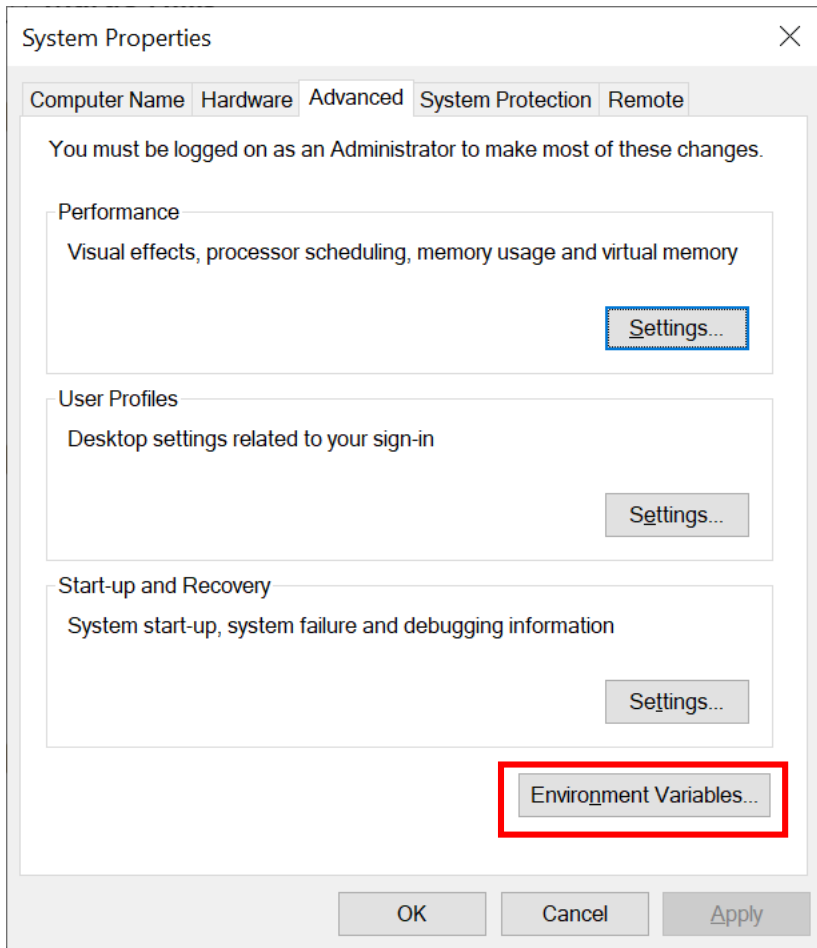
```
Retrying (Retry(total=4, connect=None, read=None, redirect=None)) after connection broken by  
'ConnectTimeoutError(<pip._vendor.requests.packages.urllib3.connection.VerifiedHTTPSConnection object at  
0x03B55750>, 'Connection to pypi.python.org timed out. (connect timeout=15)')': /simple/git-review/
```

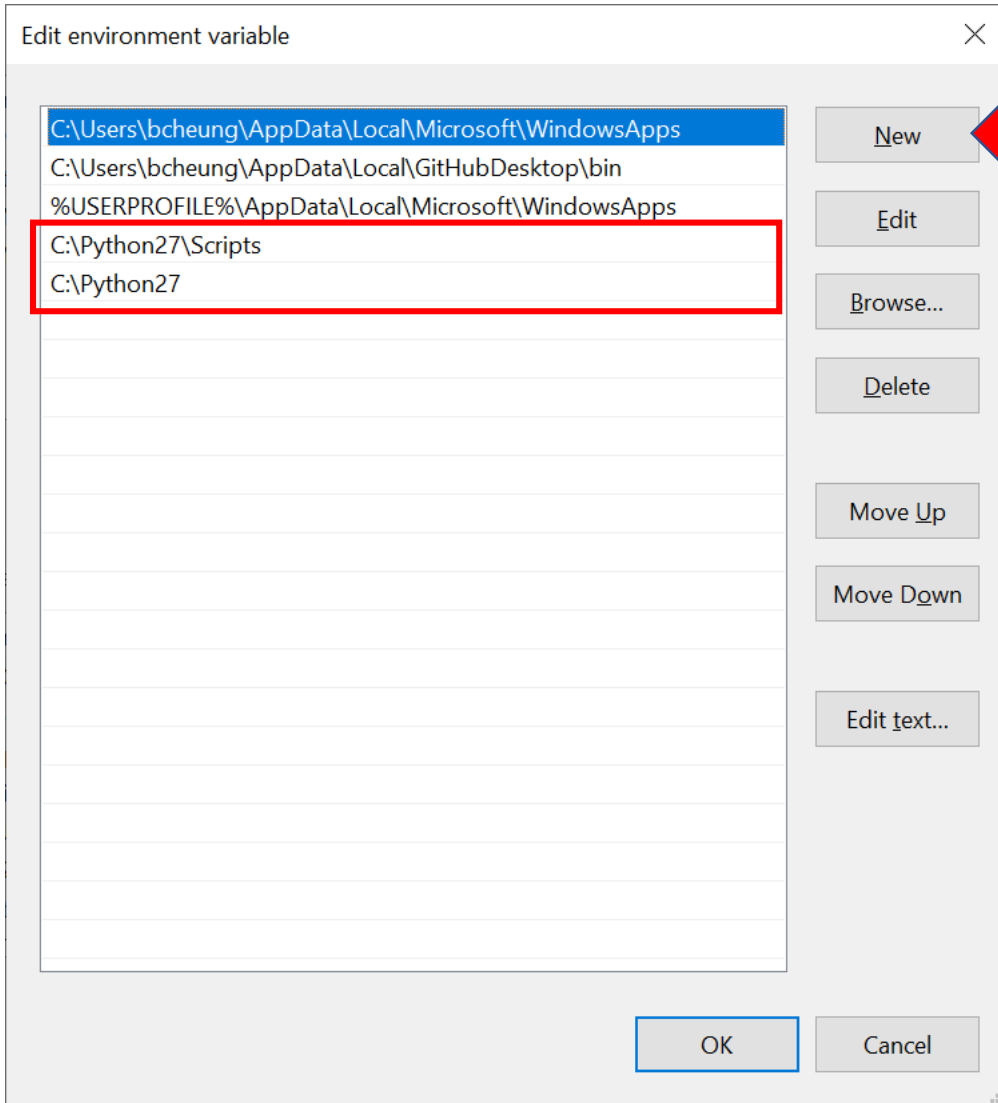
try running:

```
$ pip install git-review --proxy=www-proxy-lon.uk.oracle.com:80
```

the exact proxy to use can be extracted from `http://wpad/wpad.dat` file.

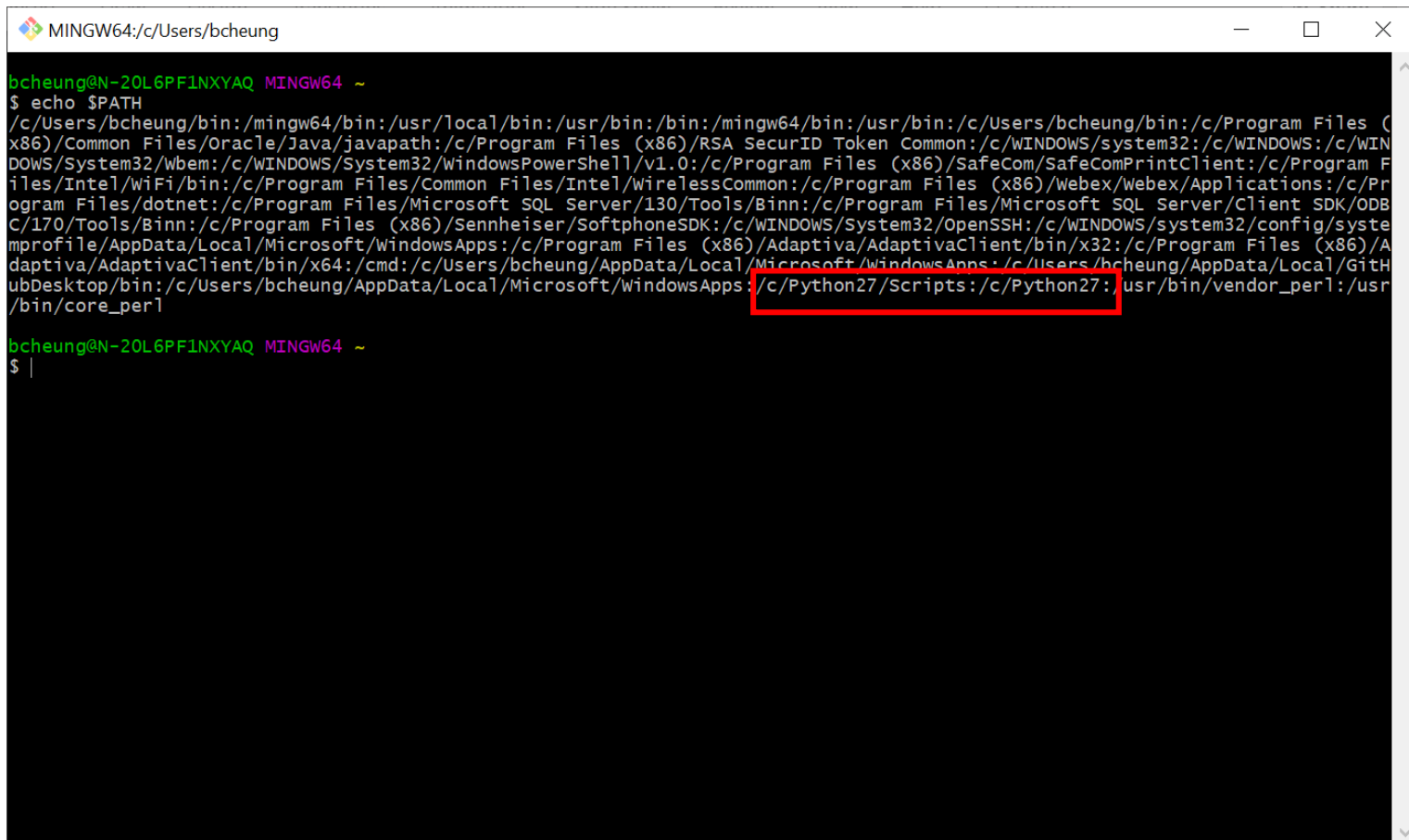
To use git review, you have to be in a git clone directory that already contains a (possibly hidden) `.gitreview` configuration file (see Gerrit/Advanced usage#Setting up a repository for git-remote)





LOOK IN YOUR PATH AFTER INSTALLATION

For the python path issue, if you are using windows, you need to explicitly add it to your path (if you didn't check the box to do it for you when you installed python). You can follow this which would show you how to do so: <https://geek-university.com/python/add-python-to-the-windows-path/>



```
MINGW64:/c/Users/bcheung
bcheung@N-20L6PF1NX1YAQ MINGW64 ~
$ echo $PATH
/c/Users/bcheung/bin:/mingw64/bin:/usr/local/bin:/usr/bin:/bin:/mingw64/bin:/usr/bin:/c/Users/bcheung/bin:/c/Program Files (x86)/Common Files/Oracle/Java/javapath:/c/Program Files (x86)/RSA SecurID Token Common:/c/WINDOWS/system32:/c/WINDOWS:/c/WINDOWS/System32/Wbem:/c/WINDOWS/System32/WindowsPowerShell/v1.0:/c/Program Files (x86)/SafeCom/SafeComPrintClient:/c/Program Files/Intel/WiFi/bin:/c/Program Files/Common Files/Intel/WirelessCommon:/c/Program Files (x86)/Webex/Webex/Applications:/c/Program Files/dotnet:/c/Program Files/Microsoft SQL Server/130/Tools/Binn:/c/Program Files/Microsoft SQL Server/Client SDK/ODBC/170/Tools/Binn:/c/Program Files (x86)/Sennheiser/SoftphonesDK:/c/WINDOWS/System32/OpenSSH:/c/WINDOWS/system32/config/systemprofile/AppData/Local/Microsoft/WindowsApps:/c/Program Files (x86)/Adaptiva/AdaptivaClient/bin/x32:/c/Program Files (x86)/Adaptiva/AdaptivaClient/bin/x64:/cmd:/c/Users/bcheung/AppData/Local/Microsoft/WindowsApps:/c/Users/bcheung/AppData/Local/GitHubDesktop/bin:/c/Users/bcheung/AppData/Local/Microsoft/WindowsApps:/c/Python27/Scripts:/c/Python27:/usr/bin/vendor_perl:/usr/bin/core_perl
bcheung@N-20L6PF1NX1YAQ MINGW64 ~
$ |
```

INSTALL GIT-REVIEW

SETUP SSH KEY

SETUP SSH KEY

<https://www.mediawiki.org/wiki/Gerrit/git-review#Windows>

[https://www.mediawiki.org/wiki/Gerrit/Tutorial#Set Up SSH Keys in Gerrit](https://www.mediawiki.org/wiki/Gerrit/Tutorial#Set_Up_SSH_Keys_in_Gerrit)

RUN THE PIP INSTALL GIT-REVIEW IN THE GIT BASH

MINGW64:/c/Users/cheung

bcheung@USMUYN0H304734 MINGW64 ~

\$ echo \$PATH

```
/c/Users/cheung/bin:/mingw64/bin:/usr/local/bin:/usr/bin:/bin:/mingw64/bin:/usr/bin:/c/Users/cheung/bin:/c/Python27:/c/Python27/Scripts:/c/Program Files/Java/jdk-10/bin:/c/Users/cheung/Documents/aNthPC/Maven/bin:/c/ProgramData/Oracle/Java/javapath:/c/Perl64/site/bin:/c/Perl64/bin:/c/WINDOWS/system32:/c/WINDOWS/System32/Wbem:/c/WINDOWS/System32/WindowsPowerShell/v1.0:/c/Program Files/Intel/WiFi/bin:/c/Program Files/Common Files/Intel/WirelessCommon:/c/Program Files (x86)/WebEx/Productivity Tools:/c/Program Files (x86)/SafeCom/SafeComPrintClient:/c/Program Files (x86)/Sennheiser/SoftphoneSDK:/cmd:/c/Program Files/Docker Toolbox:/usr/bin/vendor_perl:/usr/bin/core_perl
```

bcheung@USMUYN0H304734 MINGW64 ~

\$ pip install git-review



RUN THE PIP INSTALL GIT-REVIEW COMMAND

MINGW64:/c/Users/bcheung

```
DOWS/System32/Wbem:/c/WINDOWS/System32/WindowsPowerShell/v1.0:/c/Program Files (x86)/SafeCom/SafeComPrintClient:/c/Program Files/Intel/WiFi/bin:/c/Program Files/Common Files/Intel/WirelessCommon:/c/Program Files (x86)/Webex/Webex/Applications:/c/Program Files/dotnet:/c/Program Files/Microsoft SQL Server/130/Tools/Binn:/c/Program Files/Microsoft SQL Server/Client SDK/ODBC/170/Tools/Binn:/c/Program Files (x86)/Sennheiser/SoftphoneSDK:/c/WINDOWS/System32/OpenSSH:/c/WINDOWS/system32/config/systemprofile/AppData/Local/Microsoft/WindowsApps:/c/Program Files (x86)/Adaptiva/AdaptivaClient/bin/x32:/c/Program Files (x86)/Adaptiva/AdaptivaClient/bin/x64:/cmd:/c/Users/bcheung/AppData/Local/Microsoft/WindowsApps:/c/Users/bcheung/AppData/Local/GitHubDesktop/bin:/c/Users/bcheung/AppData/Local/Microsoft/WindowsApps:/Python27/Scripts:/Python27:/usr/bin/vendor_perl:/usr/bin/core_perl
```

bcheung@N-20L6PF1NXAQ MINGW64 ~

```
$ pip install git-review
```

```
You are using pip version 7.0.1, however version 20.0.2 is available.
```

```
You should consider upgrading via the 'pip install --upgrade pip' command.
```

```
Collecting git-review
```

```
  Downloading https://files.pythonhosted.org/packages/d9/88/86360bc710b1485ca49c94481b92b5069f859354ec462d8793ec8ed4e45b/git-review-1.28.0-py2.py3-none-any.whl (46kB)
```

```
Collecting requests>=1.1 (from git-review)
```

```
  Downloading https://files.pythonhosted.org/packages/1a/70/1935c770cb3be6e3a8b78ced23d7e0f3b187f5cbfab4749523ed65d7c9b1/requests-2.23.0-py2.py3-none-any.whl (58kB)
```

```
Collecting six (from git-review)
```

```
  Downloading https://files.pythonhosted.org/packages/65/eb/1f97cb97bfc2390a276969c6fae16075da282f5058082d4cb10c6c5c1dba/six-1.14.0-py2.py3-none-any.whl
```

```
Collecting idna<3,>=2.5 (from requests>=1.1->git-review)
```

```
  Downloading https://files.pythonhosted.org/packages/89/e3/afebe61c546d18fb1709a61bee788254b40e736cff7271c7de5de2dc4128/idna-2.9-py2.py3-none-any.whl (58kB)
```

```
Collecting certifi>=2017.4.17 (from requests>=1.1->git-review)
```

```
  Downloading https://files.pythonhosted.org/packages/b9/63/df50cac98ea0d5b006c55a399c3bf1db9da7b5a24de7890bc9cfdd5dd9e99/certifi-2019.11.28-py2.py3-none-any.whl (156kB)
```

```
Collecting urllib3!=1.25.0,!1.25.1,<1.26,>=1.21.1 (from requests>=1.1->git-review)
```

```
  Downloading https://files.pythonhosted.org/packages/e8/74/6e4f91745020f967d09332bb2b8b9b10090957334692eb88ea4afe91b77f/urllib3-1.25.8-py2.py3-none-any.whl (125kB)
```

```
Collecting chardet<4,>=3.0.2 (from requests>=1.1->git-review)
```

```
  Downloading https://files.pythonhosted.org/packages/bc/a9/01ffebfb562e4274b6487b4bb1ddec7ca55ec7510b22e4c51f14098443b8/chardet-3.0.4-py2.py3-none-any.whl (133kB)
```

```
Installing collected packages: idna, certifi, urllib3, chardet, requests, six, git-review
```

```
Successfully installed certifi-2019.11.28 chardet-3.0.4 git-review-1.28.0 idna-2.9 requests-2.23.0 six-1.14.0 urllib3-1.25.8
```

bcheung@N-20L6PF1NXAQ MINGW64 ~

```
$
```

RUN THE *GIT REVIEW -S* COMMAND

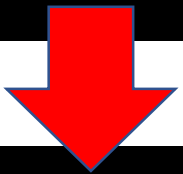
```
bcheung@USMUYN0H304734 MINGW64 ~  
$ git review -s  
Cannot determine where .git directory is.  
The following command failed with exit code 128  
  "git rev-parse --show-toplevel --git-dir"  
-----  
fatal: Not a git repository (or any of the parent directories): .git  
-----  
bcheung@USMUYN0H304734 MINGW64 ~  
$ |
```


SETUP SSH KEY

```
bcheung@N-20L6PF1NXYAQ MINGW64 ~
$ ssh-keygen -t rsa -C "ben.cheung@nokia.com"
Generating public/private rsa key pair.
Enter file in which to save the key (/c/Users/bcheung/.ssh/id_rsa):
Created directory '/c/Users/bcheung/.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /c/Users/bcheung/.ssh/id_rsa
Your public key has been saved in /c/Users/bcheung/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:+X8AwKddlZ5k7hTj/kuYzP+x/FnbtZqK/XatMrkffLA ben.cheung@nokia.com
The key's randomart image is:
+---[RSA 3072]-----+
|
|  .o  ..
| o .o.*
| . . .B +
|  .B
| S+ . .
| +oo.. o
| *..oE =
| o+=oo*o
| . o%o*o
+---[SHA256]-----+
bcheung@N-20L6PF1NXYAQ MINGW64 ~
$
```

(Accept carriage return)

(Put in a password)



```
bcheung@USMUYN0H304734 MINGW64 ~
$ ls ~/.ssh
id_rsa id_rsa.pub

bcheung@USMUYN0H304734 MINGW64 ~
$ cd .ssh
ls
bcheung@USMUYN0H304734 MINGW64 ~/.ssh
$ ls
id_rsa id_rsa.pub
```

(Verify that the id_rsa.pub exists in .ssh directory)

COPY SSH KEY

```
MINGW64:/c/Users/bcheung/.ssh

bcheung@N-20L6PF1NXYAQ MINGW64 ~/.ssh
$ cat id_rsa.pub
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQGBgQCy4yLZIItIz+y+KFs08m8+LvcQPyzGkrMaImed8wp5s91Dvk2hw9t42Uo0a6YaN7D1LcP9NEHD4d2UTtkv9A6TZ
9+VAhL3ShwBNQX7y3PhooThFbTxXwGqFICr9Y2boBw/osYT1ZbZr80gi/+iSwwIhjLcNBp2QuJp/BV/H9KQikAeP8uAtENhN8Kvnnv+6dedWBqNCzvezZBePB+6uX
e1xznu8M3BX2QmdwPbI7bbkysDP1mkOEaK2V5A0CpvTrmIX0vXwzBh96XKLWZwuTio7B0kEbc9rhgh6T2vLz2u2MSFU1H6AnpVKL9Qr90GMkzo1G7apsexn0W8p
VhC6pPyYgcu1fbEo6QduwweVJn99TLU48opmtRVSTNjE4IoTVDauQtTKmpvEJ0K1kUooXEzu2For6KbShczuB7Ujs43gzHpH/bT5FsNi qPBxt/wR0ng4YIF2nDgr
hTV3/aHM9QSFYZCA3VFAYI9uEfgIHMGVfVMcce7TkgP/EWZPbmtR1rk= ben.cheung@nokia.com

bcheung@N-20L6PF1NXYAQ MINGW64 ~/.ssh
$ |
```

SETUP SSH KEY

Generate a new SSH key

To generate a new SSH key, enter the command below and replace `gerrituser@example.com` with your own email address. We want the default settings so when asked to enter a file in which to save the key, just press enter.

Output of the `ssh-keygen` command

```
ssh-keygen -t rsa -C "gerrituser@example.com"
```

Enter a strong and unique [passphrase](#) and press the [Enter] key.

Why do passphrases matter?

Passwords aren't very secure. If you use one that's easy to remember, it's easier to guess or [brute-force](#). If you use one that's random it's hard to remember, so you might write the password down. Both are very bad. This is why you're using ssh keys. But using an ssh key without a passphrase is basically the same as writing down that random password in a file on your computer. Anyone who gains access to your drive has gained access to every system you use that key with. That's why you also add a passphrase. To not enter a long passphrase every time you use the key, there's a tool called ssh-agent. It can save your passphrase securely. If you use macOS or Linux, then your keys can be saved in the system's keychain to make your life even easier.

The `ssh-keygen` command will create 2 files in `~/.ssh` directory:


- `~/.ssh/id_rsa` : your private SSH key (for identification)
- `~/.ssh/id_rsa.pub` : your public SSH key

Copy your SSH Public key

Get the content of your public key file (e.g. `id_rsa.pub`) to copy it to your clipboard:

One option is to open your public key file with your favorite text editor (Notepad, TextEdit, gedit, etc). In the file chooser dialog of your text editor, you may need to turn on "View hidden files" to find the file, because the `.ssh` directory is hidden. Sometimes the "View hidden files" option is available by right-clicking in the file chooser dialog.

Other options are:

- On Linux, run `cat ~/.ssh/id_rsa.pub` and manually copy the output to the clipboard.
- On Windows, you can open Git GUI, go to Help  Show Key, and then press "Copy To Clipboard" to copy your public key to your clipboard.
-

It's important you copy your SSH Public key exactly as it is written, without adding any newlines or whitespace. Copy the full text, including the "ssh-rsa" prefix, the key itself, and the email address suffix.

SETUP SSH KEY

Add SSH Public key to your Gerrit account

Log into the web interface for Gerrit <https://gerrit.wikimedia.org/> <http://gerrit.onap.org>

The username and password for your Gerrit are the same as for your Wikimedia Developer account.

https://www.mediawiki.org/wiki/Gerrit/Tutorial#Create_a_Wikimedia_Developer_account

Click on your username in the top right corner, then choose "Settings".

Click "SSH Public Keys" in the menu on the left.

Paste your SSH Public Key into the corresponding field and click "Add". Add SSH Private key to use with Git

LOGIN TO GERRIT

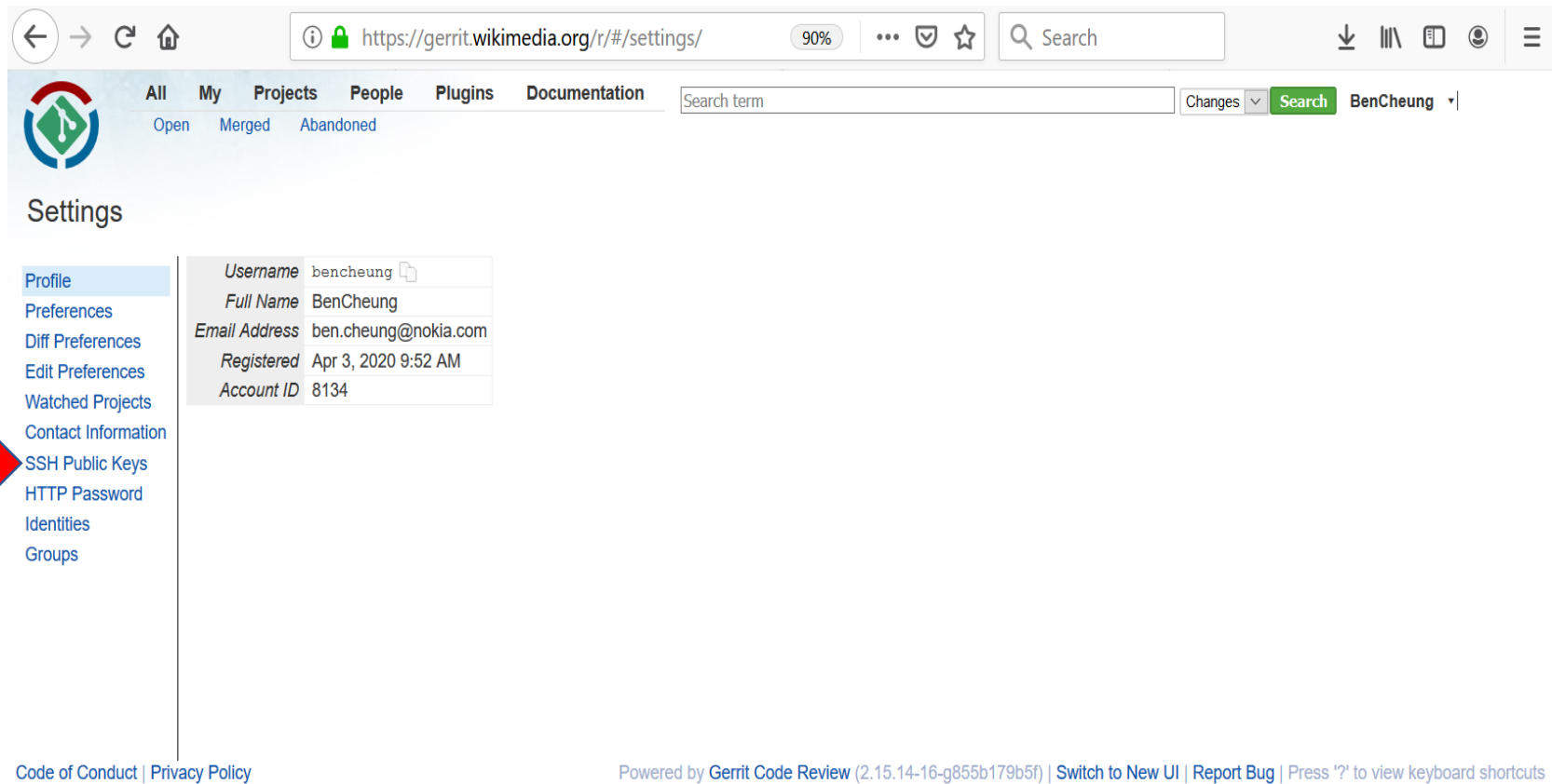
LOG ONTO GERRIT WEB INTERFACE

Log into the web interface for Gerrit <https://gerrit.wikimedia.org/>

The screenshot shows the Gerrit web interface. The browser address bar displays <https://gerrit.wikimedia.org/r/#/q/status:open>. The page header includes navigation tabs: All, My, Projects, People, Plugins, Documentation. Below the header, there is a search bar with the text "Search for status:open". A dropdown menu for the user "BenCheung" is open, showing the email "ben.cheung@nokia.com" and two options: "Settings" and "Sign Out". A red arrow points to the "Settings" option, and another red arrow points to the "BenCheung" dropdown menu. The text "Hit Settings" is written in red next to the "Settings" option.

Subject	Status	Owner	Project	Branch	Updated	Size	CR	V
Set max Width and textSizeAdjustmentPercentage before the content loads		Joewalsh	mediawiki/services/mobileapps	master (bug/pre_settings)	9:51 AM			
bridge: Create a getter for 'report issue' template's contents	Merge Conflict	Tonina Zhelyazkova	mediawiki/extensions/Wikibase	master (report_issue_getter)	9:51 AM			✓
Remove language 'smn', supported by core now		Raimond Spekking	operations/mediawiki-config	master (remove_smn)	9:50 AM			+1 ✓
FP: Wire up the API backed PropertyDataTypeLookup in WikibaseRepo		Addshore	mediawiki/extensions/Wikibase	master	9:50 AM			
Core: Updgrade WebdriverIO version to 6 in mediawiki/core package.json file	Merge Conflict	Gaura87	mediawiki/core	master	9:49 AM			
FP: Create ApiPropertyDataTypeLookup		Addshore	mediawiki/extensions/Wikibase	master	9:46 AM			
Prepare next version 2.1.6-wmf.2		DCausse	wikidata/query/blazegraph	master	9:43 AM			
Release 2.1.6-wmf.1		DCausse	wikidata/query/blazegraph	master	9:43 AM			
FP: Introduce service factory just for our api based services		Addshore	mediawiki/extensions/Wikibase	master	9:42 AM			
[WIP] Switch to plain json-schema draft 3 validator		Awight	mediawiki/extensions /EventLogging	master	9:41 AM			✗
bridge: use color from variable for backgrounds	Work in progress	Pablo Grass (WMDE)	mediawiki/extensions/Wikibase	master (layer-color)	9:40 AM			
bridge: make License sticking to body top more comprehensible	Work in progress	Pablo Grass (WMDE)	mediawiki/extensions/Wikibase	master (sticky-license)	9:38 AM			✓
Automate test system setup for federatedProperties		Silvan Heintze	mediawiki/extensions/Wikibase	master (T248837-automated-test-system)	9:35 AM			✓
Update plugins and dependencies to latest versions.		Gehel	wikimedia/discovery/discovery-parent-pom	master	9:35 AM			✗
[DNM] Test build 2.1.6		DCausse	wikidata/query/blazegraph	master	9:33 AM			
Client API tests: organize into folders		Pablo Grass (WMDE)	mediawiki/extensions/Wikibase	master (reference-formatting-e2e)	9:32 AM			+1 ✓
Create mw.addCategory function in Lua		Agabi10	mediawiki/extensions/Scribunto	master	9:32 AM			
tomcat: create new tomcat module intended for use with apereo cas		Jbond	operations/puppet	production (apereo_cas_tomcat)	9:30 AM			✓

GO TO SETTINGS > SSH PUBLIC KEYS



Browser address bar: <https://gerrit.wikimedia.org/r/#/settings/>

Navigation: All My Projects People Plugins Documentation

Search: Search term

Changes Search BenCheung

Settings

- Profile
- Preferences
- Diff Preferences
- Edit Preferences
- Watched Projects
- Contact Information
- SSH Public Keys**
- HTTP Password
- Identities
- Groups

<i>Username</i>	bencheung
<i>Full Name</i>	BenCheung
<i>Email Address</i>	ben.cheung@nokia.com
<i>Registered</i>	Apr 3, 2020 9:52 AM
<i>Account ID</i>	8134

Code of Conduct | Privacy Policy

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SSH Public
Keys



SETUP SSH PUBLIC KEYS TO GERRIT

https://gerrit.wikimedia.org/r/#/settings/ssh- | 90% | Search

All My Projects People Plugins Documentation | Search term | Changes | Search | BenCheung

Open Merged Abandoned

Settings

- Profile
- Preferences
- Diff Preferences
- Edit Preferences
- Watched Projects
- Contact Information
- SSH Public Keys**
- HTTP Password
- Identities
- Groups

Add SSH Public Key

▶ How to Generate an SSH Key

← Cut & Paste and your SSH Public Key here (from the Git Bash)

Clear Add

Server Host Key

Fingerprint:
dc:e9:68:7b:99:1b:27:d0:f9:fd:ce:6a:2e:bf:92:e1

Entry for ~/.ssh/known_hosts:
gerrit.wikimedia.org:29418 ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQgQCF8pw...oVFf1CgQ==

Server Host Key

Fingerprint:
dc:e9:68:7b:99:1b:27:d0:f9:fd:ce:6a:2e:bf:92:e1

Entry for ~/.ssh/known_hosts:
gerrit.wikimedia.org:29418 ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQgQCF8pw...oVFf1CgQ==

Code of Conduct | Privacy Policy | Powered by Gerrit Code Review (2.15.14-16-g855b179b5f) | Switch to New UI | Report Bug | Press '?' to view keyboard shortcuts

Add SSH Public key to your Gerrit account

Click on your username in the top right corner, then choose "Settings".

Click "SSH Public Keys" in the menu on the left.

Paste your SSH Public Key into the corresponding field and click "Add". Add SSH Private key to use with Git

SETUP SSH PUBLIC KEYS TO GERRIT

Browser address bar: <https://gerrit.wikimedia.org/r/#/settings/ssh->

Navigation: All My Projects People Plugins Documentation

Search: Search term

Changes Search BenCheung

Settings

- Profile
- Preferences
- Diff Preferences
- Edit Preferences
- Watched Projects
- Contact Information
- SSH Public Keys**
- HTTP Password
- Identities
- Groups

Status	Algorithm	Key	Comment
<input type="checkbox"/>	ssh-rsa	AAAAB3NzaC1yc2EAAAADAQABAAQgQ...ZPbmtR1rk=	ben.cheung@nokia.com

Buttons: Delete Add Key ...

Server Host Key

Fingerprint:
dc:e9:68:7b:99:1b:27:d0:f9:fd:ce:6a:2e:bf:92:e1

Entry for ~/.ssh/known_hosts:
gerrit.wikimedia.org:29418 ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQgQCF8pw...oVFf1CgQ==

Server Host Key

Fingerprint:
dc:e9:68:7b:99:1b:27:d0:f9:fd:ce:6a:2e:bf:92:e1

Entry for ~/.ssh/known_hosts:
gerrit.wikimedia.org:29418 ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQgQCF8pw...oVFf1CgQ==

You should see your SSH KEY here ←

Code of Conduct | Privacy Policy

Powered by Gerrit Code Review (2.15.14-16-g855b179b5f) | Switch to New UI | Report Bug | Press '?' to view keyboard shortcuts

ADD PRIVATE KEY TO AGENT

Start the Git Bash command line.

Get ssh-agent running using

```
eval `ssh-agent`
```

Be sure to use the accent ` , not the single quote ' . (You could copy and paste from this page if you cannot easily enter this special character.)

Add your private key to the agent.[1] If you followed the steps above and your key has the default name id_rsa, then the command is:

```
ssh-add .ssh/id_rsa
```

Connect to the Gerrit server via ssh to check if everything works as expected. Replace gerrituser by your username as shown in your Gerrit settings:

```
ssh -p 29418 gerrituser@gerrit.wikimedia.org
```

Be paranoid and compare that the "RSA key fingerprint" is the same as the SSH fingerprint for gerrit.wikimedia.org:29418. If it is the same, answer "Yes" to "Are you sure you want to continue connecting?". Then enter the passphrase for your key.

You should get a message "Welcome to Gerrit Code Review". The last line should show "Connection to gerrit.wikimedia.org closed."

If you run into problems, use ssh -p 29418 -v gerrituser@gerrit.wikimedia.org (replace gerrituser by your username). The -v will provide verbose output to help find problems. Then read Gerrit/Troubleshooting.

An example Gerrit SSH connection success message looks like this:

Example:

```
gerrituser@machine:/mw/sandbox$ ssh -p 29418 gerrituser@gerrit.wikimedia.org
The authenticity of host '[gerrit.wikimedia.org]:29418 ([208.80.154.85]:29418)' can't be established.
RSA key fingerprint is dc:e9:68:7b:99:1b:27:d0:f9:fd:ce:6a:2e:bf:92:e1.
Are you sure you want to continue connecting (yes/no)? yes
Warning permanently added '[gerrit.wikimedia.org]:29418 ([208.80.154.85]:29418)' (RSA) to the list of known
hosts.
Enter passphrase for key '/home/gerrituser/.ssh/id_rsa':

****      Welcome to Gerrit Code Review      ****

Hi gerrituser, you have successfully connected over SSH.

Unfortunately, interactive shells are disabled.
To clone a hosted Git repository, use:


git clone ssh://gerrituser@gerrit.wikimedia.org:29418/REPOSITORY_NAME.git

Connection to gerrit.wikimedia.org closed.
gerrituser@machine:/mw/sandbox$
```

ADD PRIVATE KEY TO AGENT

MINGW64:/c/Users/bcheung/.ssh


```
bcheung@N-20L6PF1NX1YAQ MINGW64 ~/.ssh  
$ eval `ssh-agent`  
Agent pid 1496
```

 Run eval `ssh-agent` command

```
bcheung@N-20L6PF1NX1YAQ MINGW64 ~/.ssh  
$ |
```

MINGW64:/c/Users/bcheung

```
bcheung@N-20L6PF1NX1YAQ MINGW64 ~  
$ ssh-add .ssh/id_rsa  
Identity added: .ssh/id_rsa (ben.cheung@nokia.com)
```

 Run ssh-add .ssh/id_rsa

```
bcheung@N-20L6PF1NX1YAQ MINGW64 ~  
$ |
```

```
bcheung@N-20L6PF1NX1YAQ MINGW64 ~
```

```
$ ssh -p 29418 bencheung@gerrit.wikimedia.org
```

 Run ssh -p 29418 userid@gerrit.Wikimedia.org

```
**** Welcome to Gerrit Code Review ****
```

```
Hi BenCheung, you have successfully connected over SSH.
```

```
Unfortunately, interactive shells are disabled.
```

```
To clone a hosted Git repository, use:
```

```
git clone ssh://bencheung@gerrit.wikimedia.org:29418/REPOSITORY_NAME.git
```

```
Connection to gerrit.wikimedia.org closed.
```

```
bcheung@N-20L6PF1NX1YAQ MINGW64 ~
```

```
$ |
```

```
bcheung@N-20L6PF1NXIAQ MINGW64 ~
```

```
$ eval `ssh-agent`
```

```
Agent pid 1544
```

```
bcheung@N-20L6PF1NXIAQ MINGW64 ~
```

```
$ ssh-add .ssh/id_rsa
```

```
Identity added: .ssh/id_rsa (ben.cheung@nokia.com)
```

```
bcheung@N-20L6PF1NXIAQ MINGW64 ~
```

```
$ ssh -p 29418 bencheung@gerrit.onap.org
```

```
The authenticity of host '[gerrit.onap.org]:29418 ([52.35.247.55]:29418)' can't be established.
```

```
ECDSA key fingerprint is SHA256:US9Gcm1BTig4CFdQTuZJuPO9BG601csET1jOZBrcqVk.
```

```
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
```

```
Warning: Permanently added '[gerrit.onap.org]:29418,[52.35.247.55]:29418' (ECDSA) to the list of known hosts.
```

```
**** Welcome to Gerrit Code Review ****
```

```
Hi Benjamin Cheung, you have successfully connected over SSH.
```

```
Unfortunately, interactive shells are disabled.
```

```
To clone a hosted Git repository, use:
```

```
git clone ssh://bencheung@gerrit.onap.org:29418/REPOSITORY_NAME.git
```

CREATE JIRA TICKET

Create Issue

Configure Fields

Project **Integration (INT)**

Issue Type **Task**

Summary **Add ReadtheDocs Entry for Configuration Persistency Service**

Component/s **Release**

Start typing to get a list of possible matches or press down to select.

Description **Style** **B** **I** **U** **A** **Color** **Link** **Image** **Table** **List** **Unlink** **More**

This will add an entry to **ReadtheDocs** Entry for Configuration Persistency Service. The Use Case entry in **readthedocs** is under the Integration Repo. The wiki is located at: <https://wiki.onap.org/pages/viewpage.action?pageId=64003184>

Currently this use case does not have an entry in **ReadtheDoc**

Fix Version/s **Frankfurt Release**

Start typing to get a list of possible matches or press down to select.

Priority **Medium**

Labels **Documentation**

Begin typing to find and create labels or press down to select a suggested label.

Attachment **Drop files to attach, or browse.**

Linked Issues **blocks**

Issue **+**

Begin typing to search for issues to link. If you leave it blank, no link will be made.

Assignee **Automatic**

[Assign to me](#)

Epic Link

Linked Issues **blocks**

Issue **+**

Begin typing to search for issues to link. If you leave it blank, no link will be made.

Assignee **Automatic**

[Assign to me](#)

Epic Link

Choose an epic to assign this issue to.

Sprint

Jira Software sprint field

Resolution **Unresolved**

Due Date **Calendar**



Integration / INT-1526

Add ReadtheDocs Entry for Configuration Persistency Service

- Edit
- Comment
- Assign
- More
- Start Progress
- Deliver
- Close

- Share
- Export

Details

Type:	<input checked="" type="checkbox"/> Task	Status:	OPEN (View Workflow)
Priority:	Medium	Resolution:	Unresolved
Affects Version/s:	None	Fix Version/s:	Frankfurt Release
Component/s:	Release		
Labels:	Documentation		

People

- Assignee: Morgan Richomme
Assign to me
- Reporter: Benjamin Cheung

Votes: 0

Watchers: 1 Stop watching this issue

Dates

Created: Just now

Updated:

Description

This will add an entry to ReadtheDocs Entry for Configuration Persistency Service. The Use Case entry in readthedocs is under the Integration Repo. The wiki is located at: <https://wiki.onap.org/pages/viewpage.action?pageId=64003184>

Currently this use case does not have an entry in ReadtheDoc

Attachments






Drop files to attach, or browse.



Assign: INT-1526

Assignee  Morgan Richomme ▼

Assign to me

Comment

Style ▼ **B** *I* U A ▼ ~~A~~ ▼  ▼    ▼ + ▼ 

Visual Text  

Shortcut tip: Pressing  also opens this dialog box

OPEN GERRIT REVIEW

CLONE REPOSITORY

& MAKE FILE CHANGE

Project vnfrqts/requirements

Clone | Clone with commit-msg hook | **anonymous http** | http | ssh

git clone https://gerrit.onap.org/r/vnfrqts/requirements



Description

```
This repository contains Requirements for VNFs for use with the ONAP platform
```

Project Options

- State:
- Submit Type:
- Allow content merges:
- Create a new change for every commit not in the target branch:
- Require Change-Id in commit message:
- Enable signed push:
- Require signed push:
- Maximum Git object size limit: effective: 5m

Contributor Agreements

Require Signed-off-by in commit message:

its-jira Plugin

Enable its-jira integration:

Project Commands

```
bcheung@USMUYN0H304734 MINGW64 ~  
$ git clone ssh://bencheung@gerrit.onap.org:29418/vnfrqts/requirements|
```

```
bcheung@USMUYN0H304734 MINGW64 ~  
$ git clone ssh://bencheung@gerrit.onap.org:29418/vnfrqts/requirements  
Cloning into 'requirements'...  
The authenticity of host '[gerrit.onap.org]:29418 ([198.145.29.92]:29418)' can't be established.  
RSA key fingerprint is SHA256:hKb9c7QPvfmG5SK1G/54Ug4GC205+5ByU/+tNRibG4o.  
Are you sure you want to continue connecting (yes/no)? yes  
Warning: Permanently added '[gerrit.onap.org]:29418,[198.145.29.92]:29418' (RSA) to the list of known hosts.  
Enter passphrase for key '/c/Users/cheung/.ssh/id_rsa':  
remote: Counting objects: 1, done  
remote: Finding sources: 100% (1/1)  
Receiving objects: 100% (1433/1433), 2.86 MiB | 780.00 KiB/s, done.  
remote: Total 1433 (delta 0), reused 1433 (delta 0)  
Resolving deltas: 100% (808/808), done.
```

Master branch (latest)

Every other branch (Beijing, Amsterdam)

Working on Master branch

```
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)  
$ ls  
conf.py docs/ etc/ INFO.yaml LICENSE.txt make_ids.py tox.ini  
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)  
$ |
```

```
bcheung@N-20L6PF1NXYAQ MINGW64 ~  
$ cd integration  
  
bcheung@N-20L6PF1NXYAQ MINGW64 ~/integration (master)  
$ ls  
bootstrap/  docs/          INFO.yaml  S3Ptools/  tox.ini      version-manifest/  
deployment/ documentation/ README.md  test/      version.properties  
  
bcheung@N-20L6PF1NXYAQ MINGW64 ~/integration (master)  
$ |
```

<https://wiki.onap.org/pages/viewpage.action?pageId=71834216>

```
bcheung@N-20L6PF1NXYAQ MINGW64 ~/integration/docs (master)  
$ pwd  
/c/Users/bcheung/integration/docs
```

CD to ~/integration

CD to docs directory

VI EDIT THE DOCUMENT (RST FILE)

```
bcheung@N-20L6PF1NXYAQ MINGW64 ~/integration/docs (master)  
$ vi docs_ConfigurationPersistencyService.rst  
  
bcheung@N-20L6PF1NXYAQ MINGW64 ~/integration/docs (master)  
$ |
```

- Users
 - bcheung
 - .android
 - .AndroidStudio3.5
 - .cisco
 - .dotnet
 - .gradle
 - .ssh
 - 3D Objects
 - AndroidStudioProjects
 - Contacts
 - Desktop
 - Documents
 - Downloads
 - Dropbox
 - Favourites
 - integration**
 - bootstrap
 - deployment

- Name
 - bootstrap
 - deployment
 - docs
 - documentation
 - S3Ptools
 - test
 - version-manifest
 - .coafire
 - .gitattributes
 - .gitignore
 - .gitreview
 - .readthedocs.yaml
 - .yamllint
 - INFO.yaml
 - README.md
 - tox.ini
 - version.properties

Name	Date modified	Type
_static	4/3/2020 1:36 PM	File folder
files	4/3/2020 1:36 PM	File folder
.gitignore	4/3/2020 1:36 PM	Text Document
conf.py	4/3/2020 1:36 PM	Python File
conf.yaml	4/3/2020 1:36 PM	YAML File
docs_5G_Bulk_PM.rst	4/3/2020 1:36 PM	RST File
docs_5G_Configuration_over_NETCONF.rst	4/3/2020 1:36 PM	RST File
docs_5G_NRM_Configuration.rst	4/3/2020 1:36 PM	RST File
docs_5G_oof_pci.rst	4/3/2020 1:36 PM	RST File
docs_5g_pnf_pnp.rst	4/3/2020 1:36 PM	RST File
docs_5G_PNF_Software_Upgrade.rst	4/3/2020 1:36 PM	RST File
docs_5G_PNF_Software_Upgrade_ansible_wit...	4/3/2020 1:36 PM	RST File
docs_5G_PNF_Software_Upgrade_direct_net...	4/3/2020 1:36 PM	RST File
docs_5G_PNF_Software_Upgrade_netconf_wi...	4/3/2020 1:36 PM	RST File
docs_5g_rtpm.rst	4/3/2020 1:36 PM	RST File
docs_BBS.rst	4/3/2020 1:36 PM	RST File
docs_CCVPN.rst	4/3/2020 1:36 PM	RST File
docs_CM_flexible_designer_orchestrator.rst	4/3/2020 1:36 PM	RST File
docs_CM_schedule_optimizer.rst	4/3/2020 1:36 PM	RST File
docs_ConfigurationPersistencyService.rst	7/13/2020 10:18 AM	RST File
docs_E2E_network_slicing.rst	4/3/2020 1:36 PM	RST File

In Frankfurt Release, a PNF software upgrade workflow and a

```
.. image:: files/softwareUpgrade/SWUPWorkflow.png
```

LCM evolution with APT Decision Tree

REQUIREMENT IDs

Changing REQUIREMENTS – need to Generate the Requirement ID Numbers

```
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)  
$ python make_ids.py  
R-56718
```



```
bcheung@USMUYN0H304734 MINGW64  
$ python make_ids.py  
R-256347
```

```
bcheung@USMUYN0H304734 MINGW64  
$ python make_ids.py 4  
R-707977  
R-17624  
R-378131  
R-638216
```

```
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)  
$ python make_ids.py  
R-56718
```

```
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)  
$ python make_ids.py 2  
R-106240  
R-258352
```

```
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)  
$ python make_ids.py 12  
R-793716  
R-01427  
R-894004  
R-952314  
R-809343  
R-869261  
R-763774  
R-579051  
R-686466  
R-980039  
R-981585  
R-284934
```

DOC VERIFICATION TOX

<https://gerrit.onap.org/r/gitweb?p=vnfrqts/requirements.git;a=blob;f=docs/Chapter7/Configuration-Management.rst;h=1259bc730a54575e64a5e4121ad37e35dec7256a;hb=refs/heads/master>

```
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ pip install tox|
```

```
bcheung@USMUYNOH304734 MINGW64 ~/requirements (master)
$ pip install tox
You are using pip version 7.0.1, however version 18.0 is available.
You should consider upgrading via the 'pip install --upgrade pip' command.
Collecting tox
  Downloading https://files.pythonhosted.org/packages/a8/fd/03185994cf64a58a0ea8fe1a824b1e3ab737c2d890a3dc92081
1f142f52c/tox-3.4.0-py2.py3-none-any.whl (69kB)
Collecting six<2,>=1.0.0 (from tox)
  Downloading https://files.pythonhosted.org/packages/67/4b/141a581104b1f6397bfa78ac9d43d8ad29a7ca43ea90a2d863f
e3056e86a/six-1.11.0-py2.py3-none-any.whl
Collecting virtualenv>=1.11.2 (from tox)
  Downloading https://files.pythonhosted.org/packages/b6/30/96a02b2287098b23b875bc8c2f58071c35d2efe84f747b64d52
3721dc2b5/virtualenv-16.0.0-py2.py3-none-any.whl (1.9MB)
Collecting pluggy<1,>=0.3.0 (from tox)
  Downloading https://files.pythonhosted.org/packages/f5/f1/5a93c118663896d83f7bcbfb7f657ce1d0c0d617e6b4a443a53
abcc658ca/pluggy-0.7.1-py2.py3-none-any.whl
Collecting setuptools>=30.0.0 (from tox)
  Downloading https://files.pythonhosted.org/packages/96/06/c8ee69628191285dddfbf7b277bd5abdf769166e7a14b867c2a1
72f0175b1/setuptools-40.4.3-py2.py3-none-any.whl (569kB)
Collecting py<2,>=1.4.17 (from tox)
  Downloading https://files.pythonhosted.org/packages/c8/47/d179b80ab1dc1bfd46a0c87e391be47e6c7ef5831a9c138c5c4
9d1756288/py-1.6.0-py2.py3-none-any.whl (83kB)
Collecting toml>=0.9.4 (from tox)
  Downloading https://files.pythonhosted.org/packages/c7/19/76c3cb84949a0593767b32b9be83a604d8a68c3580ff5d0ee64
856b39ade/toml-0.9.6-py2.py3-none-any.whl
Installing collected packages: six, virtualenv, pluggy, setuptools, py, toml, tox
  Found existing installation: setuptools 16.0
  Uninstalling setuptools-16.0:
    Successfully uninstalled setuptools-16.0
Successfully installed pluggy-0.7.1 py-1.6.0 setuptools-40.4.3 six-1.11.0 toml-0.9.6 tox-3.4.0 virtualenv-16.0.
0
bcheung@USMUYNOH304734 MINGW64 ~/requirements (master)
$
```

```
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ tox -e docs
docs create: C:\Users\cheung\requirements\.tox\docs
docs installdeps: -rC:\Users\cheung\requirements\etc\requirements.txt
docs installed: alabaster==0.7.11,Babel==2.6.0,blockdiag==1.5.4,certifi==2018.8.24,chardet==3.0.4,colorama==0.3
.9,doc8==0.8.0,docopt==0.6.2,docutils==0.14,funcparserlib==0.3.6,future==0.16.0,idna==2.7,imagesize==1.1.0,Jinja
a2==2.10,MarkupSafe==1.0,nwdiag==1.0.4,packaging==17.1,pbr==4.2.0,Pillow==5.2.0,pluggy==0.7.1,py==1.6.0,Pygment
s==2.2.0,pyarsing==2.2.1,pytz==2018.5,PyYAML==3.13,requests==2.19.1,requests-file==1.4.3,restructuredtext-lint
==1.1.3,seqdiag==0.9.6,six==1.11.0,snowballstemmer==1.2.1,Sphinx==1.7.0,sphinx-bootstrap-theme==0.6.5,sphinx-rt
d-theme==0.4.1,sphinxcontrib-blockdiag==1.5.5,sphinxcontrib-httpdomain==1.7.0,sphinxcontrib-needs==0.2.5,sphinx
contrib-nwdiag==0.9.5,sphinxcontrib-plantuml==0.12,sphinxcontrib-seqdiag==0.8.5,sphinxcontrib-swaggerdoc==0.1.7
,sphinxcontrib-websupport==1.1.0,stevedore==1.29.0,toml==0.9.6,tox==3.4.0,typing==3.6.6,urllib3==1.23,virtualen
v==16.0.0,webcolors==1.8.1,xlwt==1.3.0
docs run-test-pre: PYTHONHASHSEED='829'
docs runtests: commands[0] | sphinx-build -c . -b needs -n -d 'C:\Users\cheung\requirements\.tox\docs\tmp\doctr
ees' ./docs/ ./docs/data/
Running Sphinx v1.7.0
loading pickled environment... not yet created
building [mo]: targets for 0 po files that are out of date
updating environment: 51 added, 0 changed, 0 removed
reading sources... [ 35%] Chapter5/Heat/ONAP Heat Resource ID and Parameter Naming Convention/Contrail Resource
reading sources... [ 37%] Chapter5/Heat/ONAP Heat Resource ID and Parameter Naming Convention/Neutron Parameter
reading sources... [ 39%] Chapter5/Heat/ONAP Heat Resource ID and Parameter Naming Convention/Nova Metadata Par
reading sources... [ 43%] Chapter5/Heat/ONAP Heat Resource ID and Parameter Naming Convention/ONAP Output Param
reading sources... [ 49%] Chapter5/Heat/ONAP Heat Resource ID and Parameter Naming Convention/Suggested Naming
reading sources... [100%] release-notes
ing Convention/{vm-type}role}
Copying static files for sphinx-needs datatables support... [ 2%] c:\users\cheung\requirements\.tox\docs\lib\si
Copying static files for sphinx-needs datatables support... [ 5%] c:\users\cheung\requirements\.tox\docs\lib\si
Copying static files for sphinx-needs datatables support... [ 8%] c:\users\cheung\requirements\.tox\docs\lib\si
Copying static files for sphinx-needs datatables support... [ 11%] c:\users\cheung\requirements\.tox\docs\lib\si
Copying static files for sphinx-needs datatables support... [ 14%] c:\users\cheung\requirements\.tox\docs\lib\si
Copying static files for sphinx-needs datatables support... [ 17%] c:\users\cheung\requirements\.tox\docs\lib\si
Copying static files for sphinx-needs datatables support... [ 20%] c:\users\cheung\requirements\.tox\docs\lib\si
Copying static files for sphinx-needs datatables support... [ 23%] c:\users\cheung\requirements\.tox\docs\lib\si
Copying static files for sphinx-needs datatables support... [ 26%] c:\users\cheung\requirements\.tox\docs\lib\si
```

- In that directory is a tox.ini
- Pulls down requirement text file
- Installs dependencies
- Build website
- The “read the docs”
- Uses sphinx python doc generation plug-in

Yea so the pip install tox is just installing the ‘tox’ package.

Then the ‘tox -e docs’ command is building the documentation locally to test your changes.

I found some documentation on the ONAP wiki that might be helpful:

<https://wiki.onap.org/display/DW/2017-09-19+Documentation+Tutorial>

<https://onap.readthedocs.io/en/latest/guides/onap-developer/how-to-use-docs/index.html>

Once you’ve made the changes locally, you can follow this:

<https://wiki.onap.org/display/DW/Pushing+Changes+Using+Git>

BUT instead of doing a git push on step 4, you should do a ‘git review -s’ (just like you put below, but you do the ‘git commit -s’ before the ‘git review -s’.

Yes, you can skip doing the ‘tox -e docs’, its mainly used to test your changes locally before pushing them.

Cloning Git Repositories

The git clone command can be found on each project's gerrit page. For example, the project page for appc is located here: <https://gerrit.onap.org/r/#/admin/projects/appc>

Use "Clone with commit-msg hook" option then use either the "http" or "ssh" option.

The "git clone...." command, located just below these options, can then be copied into your command line

Making Commits

Use **git add <file name>** to stage changed files for commit

Commit the changes using: **git commit -m "<name of the commit / first line of commit message>"**

git commit -s --amend will sign off the commit with your username and then will open up the commit message editor

You will see a paragraph that contains the "Change-Id" and "Signed-off-by". Add a new line to this paragraph with the following:

Issue-ID: <Jira issue id>

The capitalization of the "Issue-ID" text must be exact

The Jira issue id should match a valid Jira issue. For example "APPC-123" or "OOM-123" are valid issue ids.

While the commit message editor is open, you can also add additional text to your commit message if you want

To push the commit to gerrit, use the **git push origin HEAD:refs/for/master** command

Normally you should be pushing to master, but if you need to push to a branch other than master, the "master" word can be replaced.

For example, if you're pushing to Dublin branch: **git push origin HEAD:refs/for/dublin**

FILES ON LOCAL C: DRIVE

File Explorer window showing the path: cheung > requirements > docs > _build > html >

New folder

Name	Date modified
_downloads	9/25/2
_images	9/25/2
_sources	9/25/2
_static	9/25/2
Chapter1	9/25/2
Chapter2	9/25/2
Chapter3	9/25/2
Chapter4	9/25/2
Chapter5	9/25/2
Chapter6	9/25/2
Chapter7	9/25/2
Chapter8	9/25/2
Chapter9	9/25/2
.buildinfo	9/25/2
genindex.html	9/25/2
index.html	9/25/2
objects.in	9/25/2
release-notes.html	9/25/2
search.html	9/25/2
searchindex.js	9/25/2

File Explorer window showing the path: This PC > (C:) System > Users > bcheung > integration > docs

Name	Date modified	Type
_static	4/3/2020 1:36 PM	File folder
<input checked="" type="checkbox"/> files	4/16/2020 9:21 AM	File folder
.gitignore	4/3/2020 1:36 PM	Text Document
conf.py	4/3/2020 1:36 PM	Python File
conf.yaml	4/3/2020 1:36 PM	YAML File
docs_5G_Bulk_PM.rst	4/3/2020 1:36 PM	RST File
docs_5G_Configuration_over_NETCONF.rst	4/3/2020 1:36 PM	RST File
docs_5G_NRM_Configuration.rst	4/3/2020 1:36 PM	RST File
docs_5G_oof_pci.rst	4/3/2020 1:36 PM	RST File
docs_5g_pnf_pnp.rst	4/3/2020 1:36 PM	RST File
docs_5G_PNF_Software_Upgrade.rst	4/3/2020 1:36 PM	RST File
docs_5G_PNF_Software_Upgrade_ansible_wit...	4/3/2020 1:36 PM	RST File
docs_5G_PNF_Software_Upgrade_direct_netc...	4/3/2020 1:36 PM	RST File
docs_5G_PNF_Software_Upgrade_netconf_wi...	4/3/2020 1:36 PM	RST File
docs_5g_rtpm.rst	4/3/2020 1:36 PM	RST File
docs_BBS.rst	4/3/2020 1:36 PM	RST File
docs_CCVPN.rst	4/3/2020 1:36 PM	RST File
docs_CM_flexible_designer_orchestrator.rst	4/3/2020 1:36 PM	RST File
docs_CM_schedule_optimizer.rst	4/3/2020 1:36 PM	RST File
docs_ConfigurationPersistencyService.rst	4/16/2020 10:22 AM	RST File
docs_E2E_network_slicing.rst	4/3/2020 1:36 PM	RST File

```
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        deleted:    docs/Chapter5/Heat/ONAP Heat Orchestration Templates: Overview.rst
        modified:   docs/Chapter7/index.rst
        modified:   docs/data/needs.json

Untracked files:
  (use "git add <file>..." to include in what will be committed)

        docs/Chapter5/Heat/ONAP Heat Orchestration Templates
        docs/Chapter7/PNF-Plug-and-Play.rst

no changes added to commit (use "git add" and/or "git commit -a")
```

```
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ git add docs/Chapter7/index.rst

bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ git add docs/data/needs.json

bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ git add docs/Chapter7/PNF-Plug-and-Play.rst
warning: LF will be replaced by CRLF in docs/Chapter7/PNF-Plug-and-Play.rst.
The file will have its original line endings in your working directory.
```



```
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

        new file:   docs/Chapter7/PNF-Plug-and-Play.rst
        modified:  docs/Chapter7/index.rst
        modified:  docs/data/needs.json

Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        deleted:   docs/Chapter5/Heat/ONAP Heat Orchestration Templates: Overview.rst

Untracked files:
  (use "git add <file>..." to include in what will be committed)

        docs/Chapter5/Heat/ONAP Heat Orchestration Templates
```

```
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ git review -s
```

Git review -s

Git commit -s

[enter title]

[enter JIRA Ticket]

Git review

<https://gerrit.onap.org/r/#/c/67839>

Yea can sync up again tomorrow. We were so close! But I think I know the issue, there might be a few environmental files that we need to change AND/OR it's a proxy issue.

Hagop Bozawglanian

CHECK GLOBAL VARIABLES

CHECK GLOBAL VARIABLES

```
bcheung@USMUYN0H304734 MINGW64 ~  
$ git config -l  
core.symlinks=false  
core.autocrlf=true  
core.fscache=true  
color.diff=auto  
color.status=auto  
color.branch=auto  
color.interactive=true  
help.format=html  
diff.astextplain.textconv=astextplain  
rebase.autosquash=true  
http.sslcainfo=C:/Program Files/Git/mingw64/ssl/certs/ca-bundle.crt  
http.sslbackend=openssl  
diff.astextplain.textconv=astextplain  
filter.lfs.clean=git-lfs clean -- %f  
filter.lfs.smudge=git-lfs smudge -- %f  
filter.lfs.process=git-lfs filter-process  
filter.lfs.required=true  
credential.helper=manager
```

```
bcheung@USMUYN0H304734 MINGW64 ~
```

<https://wiki.onap.org/display/DW/Configure+git+and+gerrit>

Configure git and gerrit

Skip to end of metadata

Created by Rob Daugherty, last modified on Sep 23, 2017

Go to start of metadata

Basics

The recommended version of git is 2.7.4 or later. Check the installed version in the Ubuntu VM:

```
git --version
```

Create an SSH key to user with gerrit. Use no passphrase.

```
ssh-keygen -t rsa
```

Enter your SSH public key (id_rsa) into gerrit:

Browse to <https://gerrit.onap.org>

Log in

Open the menu next to your name (under the green search button)

Create \$HOME/.gitconfig (replace highlighted values with your own information):

```
[user]
  name = FirstName LastName
  email = you@yourcompany.com
[core]
  autocrlf = false
[merge]
  tool = vimdiff
[gitreview]
  username = YourLinuxFoundationId
```

```
bcheung@USMUYNOH304734 MINGW64 ~
$ git config -l
core.symlinks=false
core.autocrlf=true
core.fscache=true
color.diff=auto
color.status=auto
color.branch=auto
color.interactive=true
help.format=html
diff.astextplain.textconv=astextplain
rebase.autosquash=true
http.sslcainfo=C:/Program Files/Git/mingw64/ssl/certs/ca-bundle.crt
http.sslbackend=openssl
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
credential.helper=manager
user.name=Benjamin Cheung
user.email=ben.cheng@nokia.com
core.autocrlf=false
merge.tool=vimdiff
gitreview.username=bencheung
```

```

$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

        new file:   docs/Chapter7/PNF-Plug-and-Play.rst
        modified:  docs/Chapter7/index.rst
        modified:  docs/data/needs.json

Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        deleted:   docs/Chapter5/Heat/ONAP Heat Orchestration Templates: Overview.rst

Untracked files:
  (use "git add <file>..." to include in what will be committed)

        docs/Chapter5/Heat/ONAP Heat Orchestration Templates

```

Setup garret repository for the change

```

$ git config --global user.name "John Doe"
$ git config --global user.email johndoe@example.com
$ git config --global gitreview.username LFID

```

git clone ssh://bencheung@gerrit.onap.org:29418/vnfrqts/requirements

```

bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ git review -s

```

```
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ git config -l
core.symlinks=false
core.autocrlf=true
core.fscache=true
color.diff=auto
color.status=auto
color.branch=auto
color.interactive=true
help.format=html
diff.astextplain.textconv=astextplain
rebase.autosquash=true
http.sslcainfo=C:/Program Files/Git/mingw64/ssl/certs/ca-bundle.crt
http.sslbackend=openssl
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
credential.helper=manager
user.name=Benjamin Cheung
user.email=ben.cheung@nokia.com
core.autocrlf=false
merge.tool=vimdiff
gitreview.username=bencheung
core.repositoryformatversion=0
core.filemode=false
core.bare=false
core.logallrefupdates=true
core.symlinks=false
core.ignorecase=true
remote.origin.url=ssh://bencheung@gerrit.onap.org:29418/vnfrqts/requirements
remote.origin.fetch=+refs/heads/*:refs/remotes/origin/*
branch.master.remote=origin
branch.master.merge=refs/heads/master

bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ |
```


Git commit -s (-s flag SIGNOFF)

```
MINGW64/c/Users/cheung/requirements

Signed-off-by: Benjamin Cheung <ben.cheung@nokia.com>

# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# On branch master
# Your branch is up to date with 'origin/master'.
#
# Changes to be committed:
#   new file:   docs/Chapter7/PNF-Plug-and-Play.rst
#   modified:   docs/Chapter7/index.rst
#   modified:   docs/data/needs.json
#
# Untracked files:
#   docs/Chapter5/Heat/ONAP Heat Orchestration Templates
#
~
~
~
~
~
~
~
~
~
~
~
~
```

```
MINGW64/c/Users/cheung/requirements

VNFRQTS - PNF Plug and Play

Issue-ID: VNFRQTS-289|
Signed-off-by: Benjamin Cheung <ben.cheung@nokia.com>

# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# On branch master
# Your branch is up to date with 'origin/master'.
#
# Changes to be committed:
#   new file:   docs/Chapter7/PNF-Plug-and-Play.rst
#   modified:   docs/Chapter7/index.rst
#   modified:   docs/data/needs.json
#
# Untracked files:
#   docs/Chapter5/Heat/ONAP Heat Orchestration Templates
#
~
~
~
~
~
~
~
~
~
~
~
~
```

```
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ git commit -s
[master 4dd218d] VNFRQTS - PNF Plug and Play
3 files changed, 43344 insertions(+), 42593 deletions(-)
create mode 100644 docs/Chapter7/PNF-Plug-and-Play.rst
rewrite docs/data/needs.json (66%)
```

```
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ git review
```

```
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ git review

ssh://bencheung@gerrit.onap.org:29418/vnfrqts/requirements.git did not work. Description: ssh: connect to host
gerrit.onap.org port 29418: Connection timed out
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.
Could not connect to gerrit.
Enter your gerrit username: Trying again with ssh://@gerrit.onap.org:29418/vnfrqts/requirements.git
ssh://@gerrit.onap.org:29418/vnfrqts/requirements.git did not work. Description: usage: ssh [-46AaCFgGkKkMNnq
sTtVvXxYy] [-b bind_address] [-c cipher_spec]
[-D [bind_address:]port] [-E log_file] [-e escape_char]
[-F configfile] [-I pkcs11] [-i identity_file]
[-J [user@]host[:port]] [-L address] [-l login_name] [-m mac_spec]
[-O ctl_cmd] [-o option] [-p port] [-Q query_option] [-R address]
[-S ctl_path] [-W host:port] [-w local_tun[:remote_tun]]
[user@]hostname [command]
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.
We don't know where your gerrit is. Please manually create a remote
named 'gerrit' and try again.
Could not connect to gerrit at ssh://@gerrit.onap.org:29418/vnfrqts/requirements.git
```

ssh -p 29418 gerrit.onap.org

```
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ git review
Enter passphrase for key '/c/Users/cheung/.ssh/id_rsa':
Creating a git remote called 'gerrit' that maps to:
    ssh://bencheung@gerrit.onap.org:29418/vnfrqts/requirements.git
Your change was committed before the commit hook was installed.
Amending the commit to add a gerrit change id.
remote:
remote: Processing changes: (\)
remote: Processing changes: (|)
remote: Processing changes: refs: 1 (/)
remote: Processing changes: new: 1, refs: 1 (/)
remote: Processing changes: new: 1, refs: 1 (/)
remote: Processing changes: new: 1, refs: 1, done
remote:
remote: New Changes:
remote:   https://gerrit.onap.org/r/69177 VNFRQTS - PNF Plug and Play
remote:
To ssh://gerrit.onap.org:29418/vnfrqts/requirements.git
 * [new branch]      HEAD -> refs/for/master

bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ |
```

```
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ git review -s

bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ git review
remote:
remote: Processing changes: refs: 1
remote: Processing changes: refs: 1, done
To ssh://gerrit.onap.org:29418/vnfrqts/requirements.git
 ! [remote rejected] HEAD -> refs/for/master (no new changes)
error: failed to push some refs to 'ssh://bencheung@gerrit.onap.org:29418/vnfrqts/requirements.git'

bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ |
```

```
bcheung@USMUYNOH304734 MINGW64 ~/requirements (master)
$ git review -s

bcheung@USMUYNOH304734 MINGW64 ~/requirements (master)
$ git review
remote:
remote: Processing changes: refs: 1
remote: Processing changes: refs: 1, done
To ssh://gerrit.onap.org:29418/vnfrqts/requirements.git
 ! [remote rejected] HEAD -> refs/for/master (no new changes)
error: failed to push some refs to 'ssh://bencheung@gerrit.onap.org:29418/vnfrqts/requirements.git'

bcheung@USMUYNOH304734 MINGW64 ~/requirements (master)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        deleted:    docs/Chapter5/Heat/ONAP Heat Orchestration Templates: Overview.rst

Untracked files:
  (use "git add <file>..." to include in what will be committed)

        docs/Chapter5/Heat/ONAP Heat Orchestration Templates

no changes added to commit (use "git add" and/or "git commit -a")

bcheung@USMUYNOH304734 MINGW64 ~/requirements (master)
$ git commit --amend
```

LINUX FOUNDATION COLLABORATIVE PROJECTS

ONAP

OPEN NETWORK AUTOMATION PLATFORM

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Changes Drafts Draft Comments Edits Watched Changes Starred Changes Groups

Change 69177 - Needs Non-Author-Code-Review

VNFRQTS - PNF Plug and Play

Change-Id: `Ide1c547987b14f05347c6c6032e2cf6f5eb7ee6a`
Issue-ID: `VNFRQTS-289`
Signed-off-by: Benjamin Cheung <ben.cheung@nokia.com>

Reply... Patch Sets (1/1) Download

Owner: Benjamin Cheung

Reviewers:

Project: vnfrqts/requirements

Branch: master

Topic:

Strategy: Merge if Necessary

Updated: 4 minutes ago

Author: Benjamin Cheung <ben.cheung@nokia.com> Sep 26, 2018 3:30 PM
Committer: Cheung, Benjamin (bencheung) <ben.cheung@nokia.com> Sep 26, 2018 3:53 PM
Commit: `2ecc7129e09dd0024ef23b1dff2fb384413f6568`
Parent(s): `3be95938727c72a4a36c66ff756c759c79439671`
Change-Id: `Ide1c547987b14f05347c6c6032e2cf6f5eb7ee6a`

Code-Review
Non-Author-Code-Review
Verified

Files Diff against: Base

File Path	Comments Size
Commit Message	

```
bcheung@USMUYN0H304734 MINGW64 ~/requirements/docs/Chapter7 (master)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        deleted:    ../Chapter5/Heat/ONAP Heat Orchestration Templates: Overview.rst
        modified:   PNF-Plug-and-Play.rst

Untracked files:
  (use "git add <file>..." to include in what will be committed)

        ../Chapter5/Heat/ONAP Heat Orchestration Templates

no changes added to commit (use "git add" and/or "git commit -a")

bcheung@USMUYN0H304734 MINGW64 ~/requirements/docs/Chapter7 (master)
$ |
```

```
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ git add docs/Chapter7/PNF-Plug-and-Play.rst
```

```
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

        modified:   docs/Chapter7/PNF-Plug-and-Play.rst

Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        deleted:    docs/Chapter5/Heat/ONAP Heat Orchestration Templates: Overview.rst

Untracked files:
  (use "git add <file>..." to include in what will be committed)

        docs/Chapter5/Heat/ONAP Heat Orchestration Templates

bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ |
```

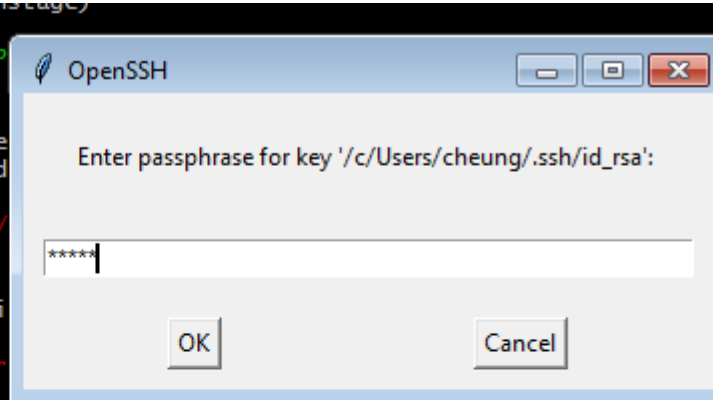
```
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ git commit --amend
```

```
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ git commit --amend
[master ef58b99] VNFRQTS - PNF Plug and Play
Author: Benjamin Cheung <ben.cheung@nokia.com>
Date: Wed Sep 26 15:30:57 2018 -0400
3 files changed, 43266 insertions(+), 42515 deletions(-)
create mode 100644 docs/Chapter7/PNF-Plug-and-Play.rst
rewrite docs/data/needs.json (66%)
```

- Git review -s (initializes local repo)
- Setup local repository w/ remote repository
- Git PULL
- Git add
- Git review

```
(use "git reset HEAD" to unstage)

modified: docs/Chapter7/PNF-P
Changes not staged for commit:
(use "git add/rm <file>..." to update
(use "git checkout -- <file>..." to d
deleted: docs/Chapter5/Heat/
Untracked files:
(use "git add <file>..." to include i
docs/Chapter5/Heat/ONAP Heat Or
```



```
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ git commit --amend
[master ef58b99] VNFRQTS - PNF Plug and Play
Author: Benjamin Cheung <ben.cheung@nokia.com>
Date: Wed Sep 26 15:30:57 2018 -0400
3 files changed, 43266 insertions(+), 42515 deletions(-)
create mode 100644 docs/Chapter7/PNF-Plug-and-Play.rst
rewrite docs/data/needs.json (66%)
```

```
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ git review
```

```
bcheung@USMUYN0H304734 MINGW64 ~/requirements (master)
$ git review
remote:
remote: Processing changes: (\)
remote: Processing changes: (l)
remote: Processing changes: refs: 1 (/)
remote: Processing changes: updated: 1, refs: 1 (/)
remote: Processing changes: updated: 1, refs: 1, done
remote:
```


STORY JIRA



Arch Review:

GO

Scope Status:

Original Scope

Create Issue

Project*

Release Requirements (REQ) ▾

Issue Type*

- ONAP TSC (TSC)
- Open Labs (OPENLABS)
- Optimization Framework (O...)
- Policy Framework (POLICY)
- Portal (PORTAL)
- Sandbox Project (SANDBOX)
- Security Subcommittee (SECC...)
- Service Design and Creation ...
- Service Orchestrator (SO)
- Test (TEST)
- Use Case Analysis (UCA)
- Use Case UI (USECASEUI)
- Virtual Function Controller (...)
- Virtual Infrastructure Deploy...
- VNF Requirements (VNFRQTS)
- VNF Validation Program (VVP)
- Vnfedk (VNFEDK)

Atlassian Jir

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1-sha1:b7cf80b)

x Foundation. Try

SSIAN

Create Issue

Project*  Vnfsdk (VNFSDK) ▼

Issue Type*  Bug ▼ 

Task

Story

Epic

Create Issue





Project **Vnfsdk**

Issue Type  **Story**

Summary* PNF PreOnboarding in R7 - VNFSDK Enhancements

Component/s **None**

Description

Style ▾ **B** *I* U A ▾ ~~A~~ ▾  ▾    ▾  ▾ 

PNF PreOnboarding in R7 - VNFSDK Enhancements

Visual Text



Fix Version/s

Unreleased Versions

Priority

Amsterdam Release

Labels

Beijing Release

Casablanca Release

Attachment

Dublin Release

El Alto Release

Linked Issues

Casablanca Maintenance Release

Frankfurt Release

Issue

Guilin Release

Honolulu Release

Assignee

Istanbul Release

Automatic



Assignee

Automatic

Assign to

Epic Link

Search input field for Epic Link

Showing 100 of 1812 matching epics

Show done epics

Sprint

Suggestions

Align with VNF Reqs - (VNFSDK-153)

Resolution*

CCVPN_VNFSDK - (VNFSDK-371)

Compliance verification program - (VNFSDK-286)

Due Date

Compliance: align VNF SDK and ICE tools - (VNFSDK-26)

Containers configured per secure recommendation - (VNFSDK-535)

DCAE artifacts validation within VNF-SDK - (VNFSDK-593)

Dovetail integration - (VNFSDK-151)

Dovetail integration - (VNFSDK-285)

Enhance dovetail integration to test LFN Compliance/Verification - (VNFSDK-372)

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Fix vulnerabilities in VNFSDK - (VNFSDK-372)

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Implement VNFREQS - (VNFSDK-276)

Improve code quality & code coverage - (VNFSDK-136)

Improve integration with SDC - (VNFSDK-134)

problem

or your team.

