



# Installation procedure

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**OPNFV**

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CONTENTS

<b>1</b>	<b>Colorado 1.0</b>	<b>3</b>
1.1	Domino Installation . . . . .	3
1.2	Domino Configuration . . . . .	4







## COLORADO 1.0



### 1.1 Domino Installation

Note: The steps below are tested for Ubuntu (16.04, 14.04) and OS X El Capitan.

#### 1.1.1 Prerequisites

- git
- python-pip
- python (version =2.7)
- toasca-parser (version >=0.4.0)
- heat-translator (version >=0.5.0)

#### 1.1.2 Installation Steps (Single Node)

- Step-0: Prepare Environment

```
> $sudo pip install toasca-parser
> $sudo pip install heat-translator
> $sudo pip install requests
```

- Step-1: Get the Domino code

```
git clone https://gerrit.opnfv.org/gerrit/domino -b stable/colorado
```

- Step-2: Go to the main domino directory

```
cd domino
```

You should see DominoClient.py, DominoServer.py, and domino-cli.py as executables.

### 1.1.3 Installation Steps (Multiple Node)

Repeat the installation steps for single node on each of the nodes. The script run\_multinode.sh under ./domino/tests directory deploys the Domino Code on three hosts from a deployment node and tests RPC calls.



## 1.2 Domino Configuration

Domino Server and Clients can be configured via (i) passing command line options (see API documentation) and (ii) the configuration file “domino\_conf.py” under the main directory.

- The default file for logging is set as none and log level set as “WARNING”.

### 1.2.1 Domino Server

- The default server unique user ID is set as 0 in the configuration file.
- The default TCP port for RPC calls is set as 9090 in the configuration file.
- The default database file for Domino Server is set as “dominoserver.db” under the main directory
- The default folder for keeping published TOSCA files and pushed parts is set as “toscafiles” in the configuration file via variable TOSCADIR.

### 1.2.2 Domino Client

- The default mode of CLI is non-interactive (i.e., Domino CLI Utility is used). This can be changed when the DominoClient is launched by passing the flags –log or -l followed by the

log level choice from the set {ERROR, WARNING, INFO, DEBUG} (not case sensitive). This overwrites the log level default specified in the configuration file.

- The default Domino Server IP is set as “localhost”. This can be overwritten at the time of launching DominoClient via the option flags -i or –ipaddr followed by the IP address of the actual server hosting the Domino Server.
- The default Domino Client TCP port for RPC calls is set as 9091 in the configuration file. It can be overwritten when the DominoClient is launched by passing the flags –port or -p followed by the port number.
- The default folder for keeping preceived TOSCA files is set as “toscafiles” in the configuration file via variable TOSCA\_RX\_DIR.