Installation

Camelot is supported on Cisco Enterprise Linux and Cent OS

Hardware Requirements

UCS Server

VM instance having 4 vCPU and 6 GB RAM

VMware ESXi 5.0 and above

Software Requirements

Cent OS 7 rpm (eg: CoC7-12.0.13.0.0.0L-1.x86_64.rpm) installations are supported on Cent OS 7 (64 bit)

Cent OS 6 rpm (eg: CoC-11.5.0.0.10.1L-1.x86_64.rpm) installations are supported on CEL 6.3+, Cent OS 6.5+ (all 64 bit)

Camelot CEL 5.5 and Cent OS 5.x support is discontinued since January 2017

Ubuntu 14 is required to run python/tngpi scripts

Look at this FAQ on getting CEL and installing.

Cent OS 7 installation

1. **OVA for Cent OS 7 64 bit** is available at ftp server 10.64.61.206 (username/password : a/a , file name : cam-centos_7_50GB_6GB.ova, file size 2.5 GB)

2. It needs **50GB disc space, 4 vCPU, 6 GB RAM**.

3. Username/Password of CentOS 7 (camelot/cisco123 AND root/cisco123). User camelot has sudo privileges.

4. FTP can be accessed via command line (given in section Cent OS 6.x installation) OR through web browser (ftp://10.64.61.206/). ftp username/password : a/a .

Cent OS 6.x installation

1. **OVA for Cent OS 6.7 64 bit** is available at ftp server 10.64.61.206 (username/password : a/a , file name : cam-Centos_6.7_80GB_6GB.ova, file size 3GB)

2. It needs **80GB disc space, 4 vCPU, 6 GB RAM**.

3. Username/Password of Centos 6.7 (camelot/cisco123 AND root/cisco123)

4. FTP can be accessed via command line (given below) OR through web browser (ftp://10.64.61.206/). ftp username/password : a/a .

Screenshot for downloading ova file is given below.

```
Last login: Wed Mar  2 19:52:15 on ttys001
RRATNAKA-M-X1FH:~ rratnaka$ ftp 10.64.61.206
Connected to 10.64.61.206.
220-This FTP site is running a copy of WFTPD that is NOT REGISTERED
220-
220-Shareware can only improve if supported by its users.
220-The easiest way to support shareware is to register it.
220-WFTPD costs from $25 to register.
220-
220-To register this program, or receive new details on it, send email
220-to alun@texis.com (Alun Jones), or snail-mail to Texas Imperial Software,
220-1602 Harvest Moon Place, Cedar Park TX 78613-1419 USA
220-
220-As added incentive for the site owner to register, you will be restricted
220-to five (5) transfers - to get more transfers, please re-login.
220-
220-Please note - Alun Jones is only responsible for the software
220-that this site runs, and is not responsible in any way for either
220-the content of this site, nor its location on the Internet.
220 WFTPD 3.2 service (by Texas Imperial Software) ready for new user
Name (10.64.61.206:rratnaka): a
331 Give me your password, please
Password:
230 Logged in successfully
Remote system type is WIN32.
ftp> dir
227 Entering Passive Mode (10,64,61,206,184,63)
150 File Listing Follows in ASCII mode.
total 9825516
-rwxrwxrwx  1 noone    nogroup       3220283904 Jan 19 14:01 cam-Centos_6.7_80GB_6GB.ova
-rwxrwxrwx  1 noone    nogroup       1810379264 Sep 24  2012 centos_5.5_x64_50GB.ova
226 Transfer finished successfully.
ftp> bin
200 Type is Image (Binary)
ftp> get cam-Centos_6.7_80GB_6GB.ova
```

Ubuntu 14 Installation

You can get the ova for Ubuntu 14 from our ftp server . FTP Username / Password : a / a
Filename : Ubuntu-14-Feb-17.ova
Ubuntu Username / Password : camtngpi / cisco123

Installing Camelot

To work with Camelot, a Camelot server and a Camelot client is required.

Camelot server distribution comes as an RPM.

Camelot works with two clients., i.e., A Camelot client can be a TNGpi client [which uses Camelot's "camelot-pi" package] or a pure python client which uses "camelot-pi" package. All new Camelot users are advised to use TNGpi client or Python client for automation needs.

Download rpm file based on your Camelot machine OS from downloads page. **CoC rpm file is for Cent OS 6.5+ or CEL 6.3+. CoC7 rpm file is for Cent OS 7.**

RPM installation

- Copy the RPM to the required system q Use bash shell to install Camelot RPM.
- Install using the command "**yum -y install <rpm file>** " with root privileges
- To re-install, remove the existing installation using "yum -y remove CoC" if you have installed CoC rpm OR "yum -y remove CoC7" if you have installed CoC7 rpm and install again with the above command
- Camelot installation updates system files for performance tuning. Hence a 'reboot' is required after installation. **This is only required for very first time installation of rpm**.
- FYI, "rpm -q CoC" tells the CoC version that are currently installed. For Cent OS 7, use "rpm -q CoC7"

> Camelot used to support tcl client. We have removed tcl support from Camelot 12.0 version onwards. tcl will continue to be supported on Camelot 11.x earlier versions, so no need to do mass conversion of any existing test scripts. We recommend, however, any new test case development be done with tngpi or python.

TNGpi Client

Camelot Python Client and SDK

Camelot Python SDK

TCL Client

Camelot client TCL packages must be installed in a directory accessible by TCL interpreter. The tar file can be un-tared by using the following command on the tar file that is downloaded.

e.g., tar -xvf camelot_tcl_libXY.tar

New directories, bcg, camelotvapiei, ipma, remotecmd, utracker, vlog and vmon, will be created containing all the necessary Tcl files.

To make camelotvapiei's commands accessible to your Tcl interpreter, execute the following command at the top of your script:

package require camelotvapiei

Note,
The Tcl interpreter searches specific paths when looking for user imported (package require) Tcl packages.
The command will most likely fail with the following error in case the packages are not installed in one of the search paths: "can not find package ..."
Provide the following line at the Tcl shell prompt to learn what are the default search paths:

puts $auto_path