

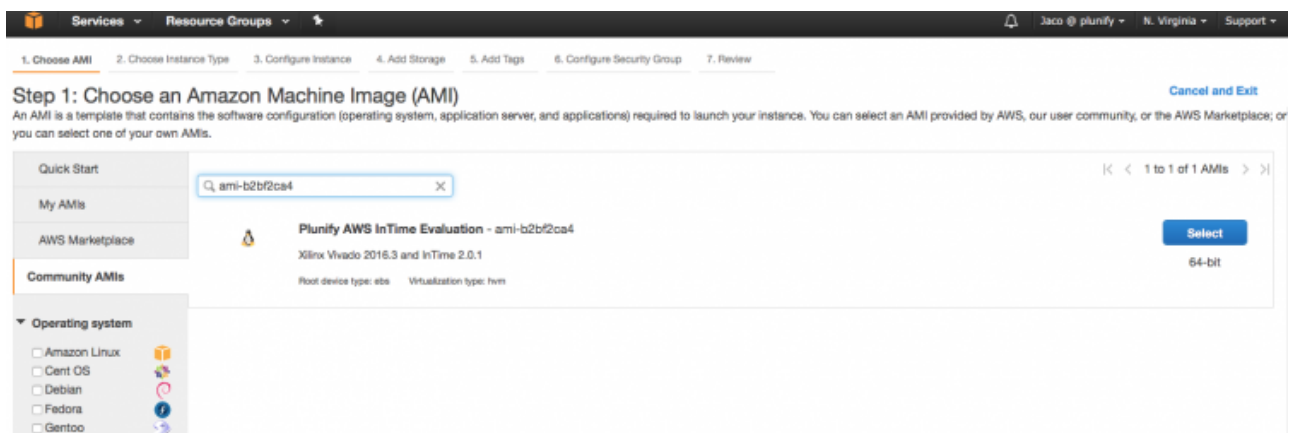
Plunify AWS AMI Usage Guide

Objective

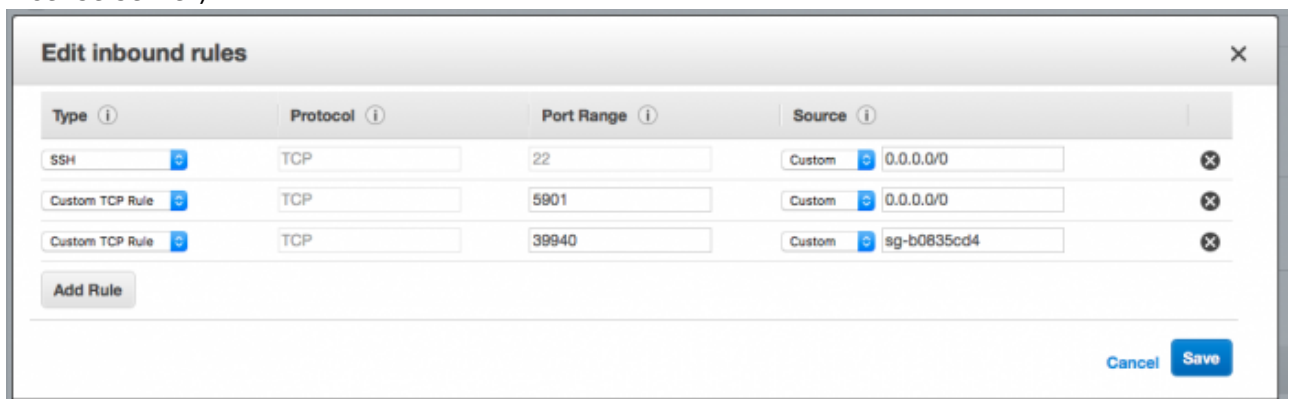
How to start Plunify AMI to run InTime?

Steps

1. From the AWS marketplace or EC2 webpage, search for **ami-b2bf2ca4**. Use this to launch a new instance. Select an instance size base on your requirement and budget.



2. Enable the following ports in AWS security group - Inbound TCP 22 (SSH) and 39940 (InTime License server).



3. After the instance is provisioned, verify that you can login via SSH with your keypair.

VNC is installed by default. However, due to security reasons, the provisioned instance has to be connected via by SSH with affix port forwarding arguments. See example below.

```
$ ssh -i "fpgaEva.pem" centos@ec2-52-91-7-59.compute-1.amazonaws.com -L12000:127.0.0.1:5902
```



```
Downloads — centos@ip-10-0-8-10:~ — ssh -i fpgaEva.pem centos@ec2-52-91-7-59...
[Eric's-MacBook-Pro:Downloads Eric$ ssh -i "fpgaEva.pem" centos@ec2-52-91-7-59.com]
pute-1.amazonaws.com -L8000:127.0.0.1:5902
Last login: Wed Apr 19 10:34:52 2017 from 118.200.118.150

      PLUNIFY
      ~~~~~~
      Optimize your FPGA design!

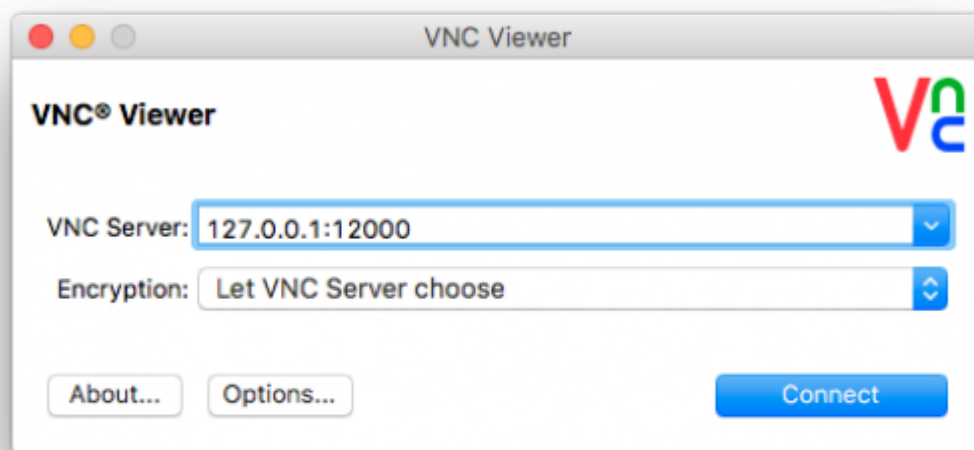
      © Copyright 2017 Plunify Pte Ltd

      Developer Support: support.plunify.com
      Contact: tellus@plunify.com

[centos@ip-10-0-8-10 ~]$
```

(Refer to [this article](#) on how to do port forwarding)

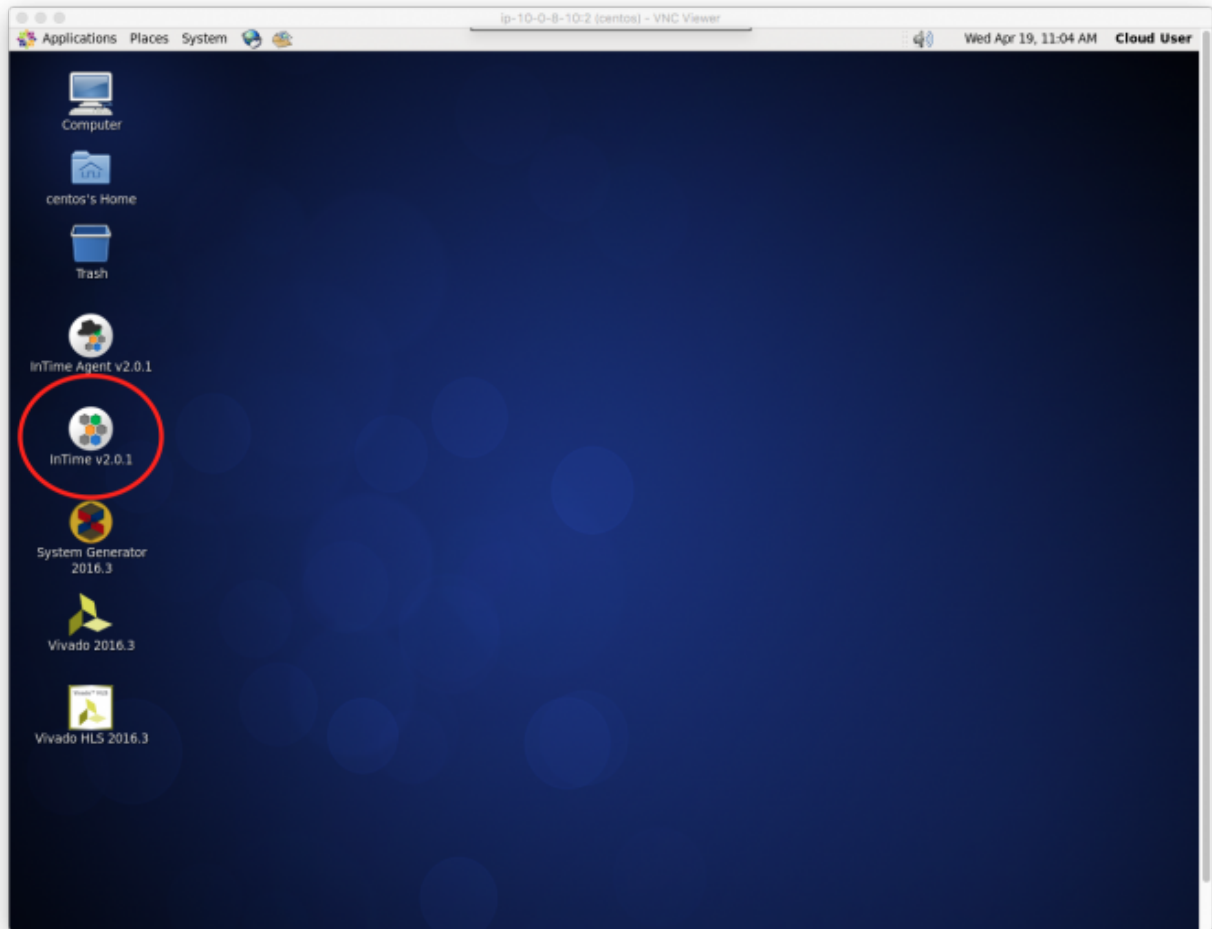
4. Open your VNC client, connect to 127.0.0.1:12000. The default VNC password is **plunify**.



If you cannot connect to VNC, restart the VNC Server in the SSH shell

```
$ sudo service vncserver restart
```

5. Launch InTime from the icon on desktop.

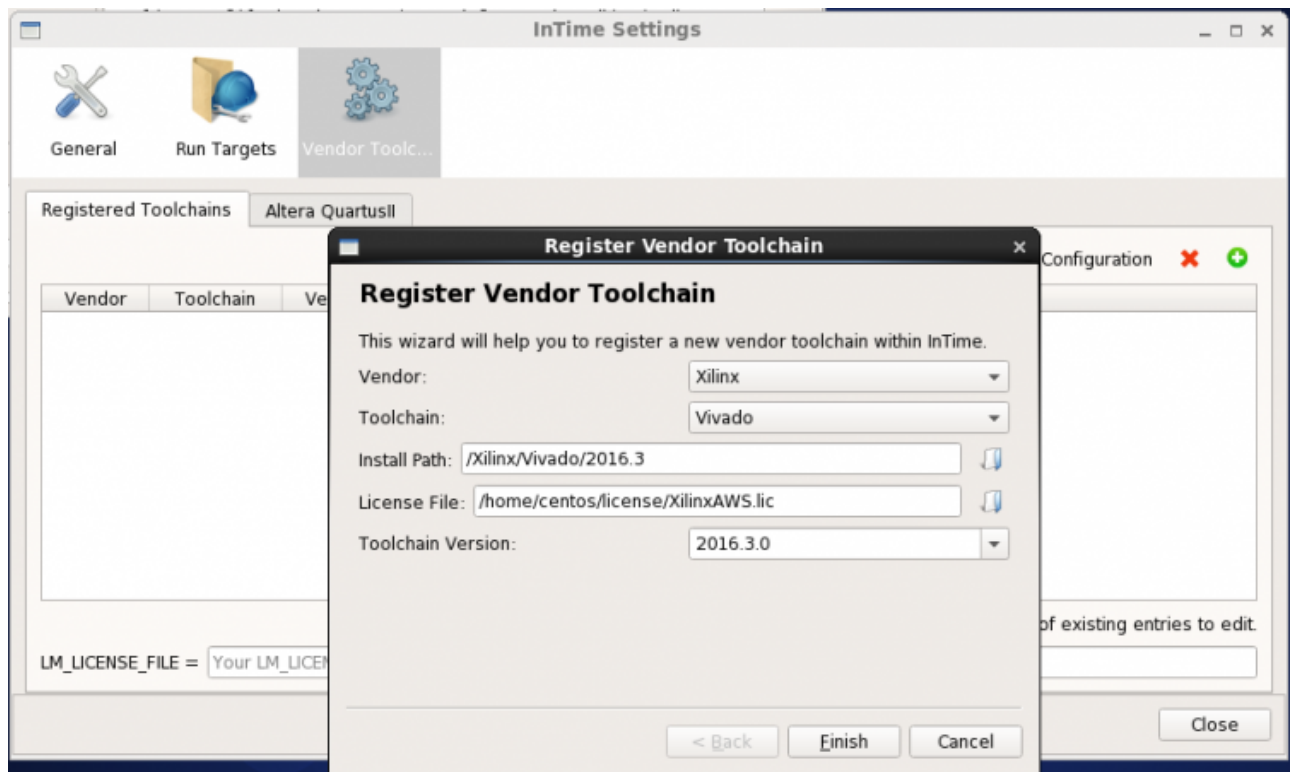


6. The FPGA tools should be installed by default. Configure InTime to locate the FPGA tools. Refer to this [webpage](#) for more instructions.

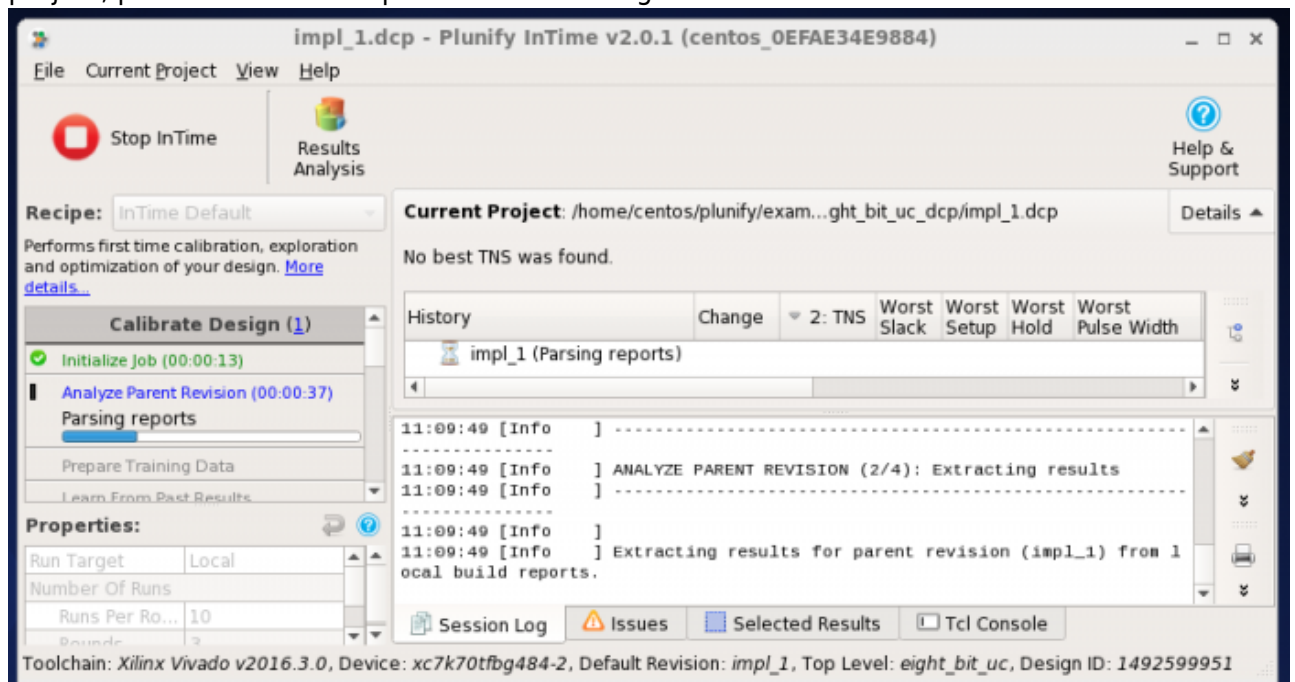
Vivado Install Path: /Xilinx/Vivado/2016.3

Vivado License File: /home/centos/license/XilinxAWS.lic

After entering the information, the toolchain version should be detected automatically. Click **Finish** button to end the configuration.



- You have completed the configuration. In the main InTime window, open the example Vivado project, pick the default recipe and start running!



Refer to this [quickstart](#) guide!

Troubleshooting

- If you are locked out by the screensaver, go to your SSH shell, in the console, type in

```
$ passwd centos
```

to change the password of user.

2. If you want to change the VNC password, type this command to change

```
$ vncpasswd
```

Support

If you have any issues, feel free to contact us at tellus@plunify.com

From: **Plunify Pte. Ltd.**

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