# perfSONAR Host Configuration

March 4th 2016

## Introduction

These instructions will prepare the hosts for testing against each other. The instructions will install some software that is used to read a configuration file. Note that these instructions were tested for perfSONAR 3.4 and 3.5, and may not work with older versions.

Note that all 3 hosts have to have these steps performed.

## Download & Install Software

***Note this is the package name for pre 3.5.1 releases: this package could be on your system already***:

sudo yum install perl-perfSONAR\_PS-MeshConfig-Agent

If you are using 3.5.1 and above, install this software:

sudo yum install libperfsonar-regulartesting-perl

## Configure Software

If you are using below version 3.5.1, edit (using ‘sudo’ if necessary) /opt/perfsonar\_ps/mesh\_config/etc/agent\_configuration.conf to add the following lines

<mesh>

configuration\_url http://ps-west.es.net/bes-mesh.json

</mesh>

If you are using version 3.5.1 and above, edit /etc/perfsonar/meshconfig-agent.conf

## Regenerate Configuration

After this step, run a script to regenerate the measurement configuration file you changed above. If you are using below version 3.5.1 run this command:

sudo /opt/perfsonar\_ps/mesh\_config/bin/generate\_configuration

If you are using version 3.5.1 and above, run this command instead:

sudo /usr/lib/perfsonar/bin/generate\_configuration

## Reboot Machine

sudo reboot

## Check Dashboard

After 1-2 days, check the dashboard to see if the hosts are participating in tests. If you see all orange, the configuration may not be complete, or there could be a related issue. If the color is green, red, or yellow, tests are working.