



## Getting Started with Chef using VMs on Windows 8.1: Updating etc/hosts

This Chef configuration is all on a single Windows 8.1 machine. The ChefDK is on Windows, the Chef Server is a RHEL70 VM, the Chef Node is a Centos VM.

To overcome issues like the following during Chef installation and configuration, update your windows "hosts" file and include an entry for the Chef Server.

To overcome Windows Security issues when updating the hosts file, copy the file to a temporary location, rename the current hosts file to hosts.old, edit it, then copy it back to the original location, you may have to use the Administrator radio button during the rename and copy operations.

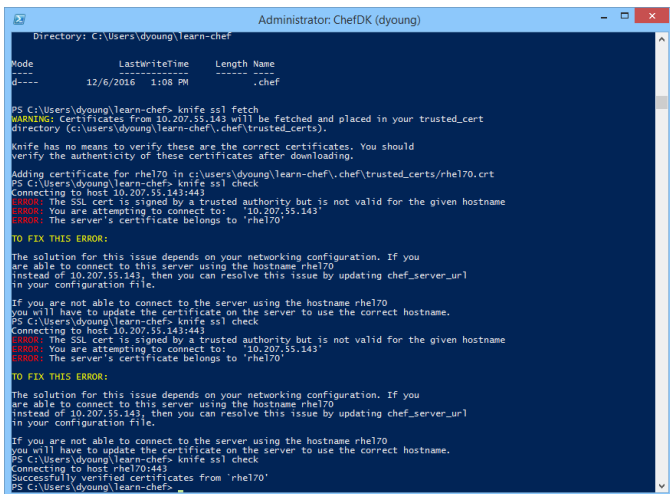


Figure 1 – ChefDK from Windows 8.1

The hosts file c:\Windows\System32\drivers\etc\hosts is in a protected directory, and is shown following.

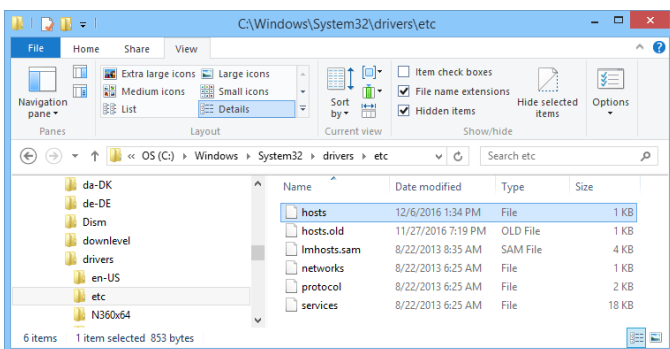


Figure 2 –Location of Windows "host" file

Following is the content of the hosts file after updating with the ip address (10.207.55.143) and hostname (rhel70) for the Chef Server.

```
# Copyright (c) 1993-2009 Microsoft Corp.
# localhost name resolution is handled within DNS
itself.
127.0.0.1 localhost
10.207.55.143 rhel70
# ::1 localhost
```

Figure 3 – Windows "host" file with Chef Server

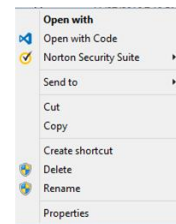


Figure 4 – Administrator Radio Button

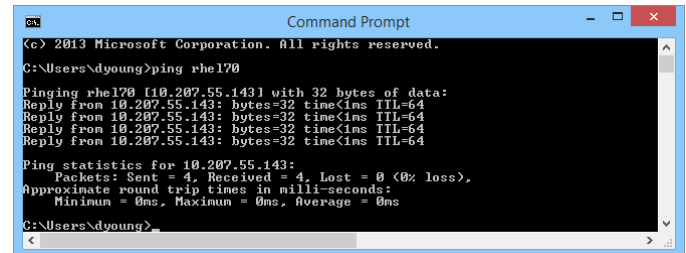


Figure 5 – Working ping to rhel70 (Chef Server)

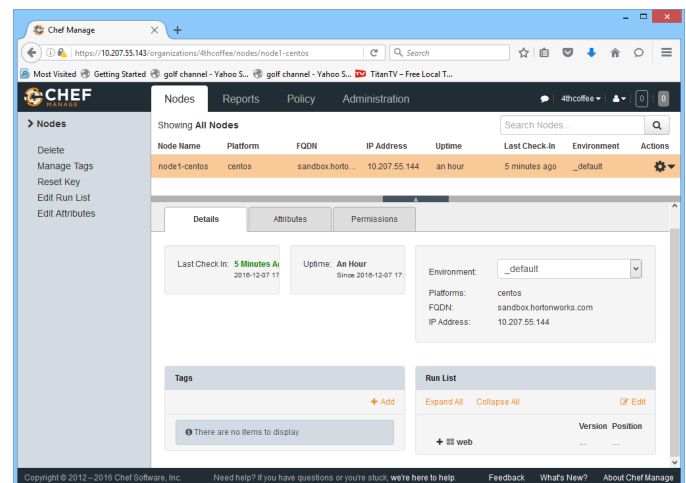


Figure 5 – Chef Manage (Server) Showing All Nodes

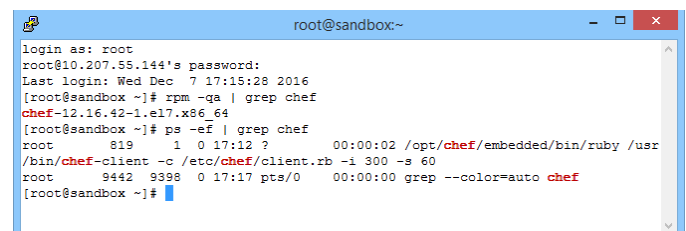


Figure 6 – From Chef Node node1-centos