The goal is to provision bare metal host on a clean install of Foreman. The following steps are necessary:

- **create smart proxy**
  ```
  hammer proxy create --name myproxy --url https://proxy.my.net:8443
  ```

- **create architecture**
  ```
  hammer architecture create --name x86_64
  ```

- **create new subnet**
  ```
  hammer subnet create --name "My Net" --network "192.168.122.0" --mask "255.255.255.0" --gateway "192.168.122.1" --dns-primary "192.168.122.1"
  ```

- **import existing subnet from a proxy**
  missing, see #3355

- **create new domain**
  ```
  hammer domain create --name "my.net" --fullname "My network"
  ```

- **associate domain with proxy**
  ```
  hammer domain update --id 1 --dns-id 1
  ```

- **associate subnet with domain**
  ```
  hammer subnet update --id 1 --domain-ids 1
  ```

- **associate subnet with proxy (DHCP, TFTP, DNS)**
  ```
  hammer subnet update --id 1 --dhcp-id 1 --tftp-id 1 --dns-id 1
  ```
- create new partition table
  
  `hammer partition_table create --name "Redhat test" --file /tmp/rh_test.txt`

- create new OS
  
  `hammer os create --name RHEL --major 6 --minor 4`

  --family does not work yet - PR [https://github.com/theforeman/foreman/pull/777](https://github.com/theforeman/foreman/pull/777)

- create new template
  
  `hammer template create --name "kickstart mynet" --type provision --file /tmp/ks.txt`

- edit existing pre-defined template
  
  `hammer template dump --id 4 > /tmp/ks.txt`
  `vim /tmp/ks.txt`
  
  `hammer template update --id 4 --file /tmp/ks.txt`

- associate applicable OS with pre-defined template
  
  `hammer template update --id 1 --operatingsystem-ids 1`

  Confirmed through the UI, but listing of templates does not work. Version on GH has listing fixed, but listing associated OS's is still missing - see [#3360](https://github.com/theforeman/foreman/pull/777)

- associate OS with architecture
  
  `hammer os update --id 1 --architecture-ids 1`

- associate OS with part table
  
  `hammer os update --id 1 --ptable-ids 1`

- associate OS with install media
  
  `hammer os update --id 1 --medium-ids 1`

- associate OS with install provision and pxelinux templates
  
  Added to API in [#3928](https://github.com/theforeman/foreman/pull/3928). Hammer feature is [#3970](https://github.com/theforeman/foreman/pull/3970)

- create libvirt compute resource
  
  `hammer compute_resource create --name libvirt --url "qemu:///system" --provider Libvirt`

- import puppet classes
  
  missing - see [#3035](https://github.com/theforeman/foreman/pull/3035)

- and finally create a host

05/09/2020
hammer -v host create --name "clitest.mynet.com" --ip "192.168.122.5" --host-group-id 1 --compute-resource-id 1 --interface "type=network,model=virtio,network=default" --volume "capacity=10G" --compute-attributes "start=true"

creates host in my case on Libvirt with NAT and 10GB storage

related issues - #3063

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**History**

#1 - 10/17/2013 05:31 AM - Martin Bacovsky
- Tracker changed from Tracker to Bug

#2 - 10/18/2013 10:03 AM - Martin Bacovsky
- Description updated

#3 - 10/18/2013 10:06 AM - Martin Bacovsky
- Description updated

#4 - 10/18/2013 10:27 AM - Martin Bacovsky
- Description updated

#5 - 10/18/2013 10:34 AM - Martin Bacovsky
- Description updated

#6 - 10/18/2013 10:50 AM - Martin Bacovsky
- Description updated

#7 - 10/18/2013 01:16 PM - Martin Bacovsky
- Description updated

#8 - 10/18/2013 01:41 PM - Martin Bacovsky
- Description updated

#9 - 10/18/2013 01:44 PM - Martin Bacovsky
I found nice option if you want to try the latest upstream

```
gem install specific_install
```

```
gem specific_install -l "theforeman/hammer-cli"
gem specific_install -l "theforeman/hammer-cli-foreman"
```

#10 - 10/22/2013 07:31 AM - Lukas Zapletal
Specific install does not work for me on RHEL6 Ruby 1.8:

```
[root@lzap-aa ~]# gem install specific_install
Successfully installed backports-3.3.5
Successfully installed specific_install-0.2.8
```
2 gems installed
Installing ri documentation for backports-3.3.5...
Installing ri documentation for specific_install-0.2.8...
Installing RDoc documentation for backports-3.3.5...
Installing RDoc documentation for specific_install-0.2.8...

Can I use latest nightly build now?

#11 - 10/22/2013 02:10 PM - Martin Bacovsky
Hmm, you are right, specific_install does not work in 1.8. You can use nightlies or 'gem install hammer-cli'. We will try to release more often to make testing less pain. Thanks!

#12 - 11/06/2013 10:22 AM - Martin Bacovsky
- Description updated

#13 - 11/12/2013 12:04 PM - Martin Bacovsky
- Target version changed from 1.15.0 to 1.10.0

#14 - 12/04/2013 01:11 PM - Dominic Cleal
- Target version changed from 1.10.0 to 1.9.3

#15 - 01/09/2014 02:20 PM - Dmitri Dolguikh
- Target version changed from 1.9.3 to 1.9.2

#16 - 02/06/2014 12:14 PM - Dmitri Dolguikh
- Target version changed from 1.9.2 to 1.9.1

#17 - 03/03/2014 01:12 PM - Dmitri Dolguikh
- Target version changed from 1.9.1 to 1.9.0
#18 - 03/04/2014 02:18 PM - Dominic Cleal
- Description updated

#19 - 03/04/2014 02:21 PM - Dominic Cleal
- Description updated

#20 - 03/26/2014 01:28 PM - Dmitri Dolguikh
- Target version changed from 1.9.0 to 1.8.4

#21 - 04/24/2014 10:32 AM - Dmitri Dolguikh
- Target version changed from 1.8.4 to 1.8.3

#22 - 05/21/2014 01:21 PM - Dmitri Dolguikh
- Target version deleted (1.8.3)

#23 - 07/30/2014 04:57 AM - Ohad Levy
- Status changed from Assigned to Resolved