

## devops - Feature #2584

### sepia: provide networking, DHCP for dynamic virtual machines

06/13/2012 01:47 PM - Anonymous

<b>Status:</b> Resolved	<b>% Done:</b> 0%
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b>	
<b>Target version:</b> v0.49	
<b>Source:</b>	<b>Reviewed:</b>
<b>Tags:</b>	<b>Affected Versions:</b>
<b>Backport:</b>	<b>Pull request ID:</b>
<b>Description</b>	
<p>downburst can provision them really nicely, but right now only static networking works. To fix that, we need DNS to work right even for dynamic hosts.</p> <p>Note: DDNS is miserable, avoid that if we can.</p> <p>Plan is something like this:</p> <ul style="list-style-type: none"><li>- configure vercoi public vlan access</li><li>- provision vm with static ip on vercoi01</li><li>- move sepia dhcpd to vercoi01 vm</li><li>- add dynamic leases to dhcpd (match mac address prefix to qemu)</li><li>- add powerdns that serves from mysql</li><li>- add sepia.ceph.com entries to pdns</li><li>- delegate sepia.ceph.com to pdns</li><li>- add service that monitors dhcpd and vercoi* libvirt for vm create/destroy, creates/deletes dns records in mysql (A, PTR)</li></ul> <p>As a separate improvement, we can later add SSHFP etc fancy things to DNS.</p>	

### History

#### #1 - 06/13/2012 01:54 PM - Sage Weil

- translation missing: en.field\_position set to 1

#### #2 - 06/13/2012 02:36 PM - Sage Weil

- Target version set to v0.49

- translation missing: en.field\_position deleted (2)

- translation missing: en.field\_position set to 75

#### #3 - 06/13/2012 02:36 PM - Sage Weil

- translation missing: en.field\_story\_points set to 5

- translation missing: en.field\_position deleted (75)

- translation missing: en.field\_position set to 75

#### #4 - 06/19/2012 04:05 PM - Sage Weil

- Assignee set to Anonymous

#### #5 - 06/19/2012 04:05 PM - Sage Weil

- Status changed from New to In Progress

#### #6 - 06/29/2012 09:56 AM - Sage Weil

- Project changed from Ceph to devops
- Target version deleted (v0.49)

**#7 - 06/29/2012 09:57 AM - Sage Weil**

- Target version set to v0.49

**#8 - 07/02/2012 01:10 PM - Sage Weil**

- Target version changed from v0.49 to v0.50

**#9 - 07/03/2012 09:59 AM - Anonymous**

Status update: missing DNS updates, all the strictly required components are there; vms attached to the front network get DHCP leases just fine, just need to log in on console to see what the address is.

**#10 - 07/03/2012 10:04 AM - Anonymous**

- Subject changed from *sepia: provide networking, DHCP & DNS for dynamic virtual machines* to *sepia: provide networking, DHCP for dynamic virtual machines*
- translation missing: *en.field\_story\_points* changed from 5 to 3
- translation missing: *en.field\_position* deleted (82)
- translation missing: *en.field\_position* set to 82

**#11 - 07/03/2012 10:05 AM - Anonymous**

Split the DNS part to [#2694](#), this is already providing value to users.

**#12 - 07/03/2012 10:05 AM - Anonymous**

- Status changed from *In Progress* to *Resolved*
- translation missing: *en.field\_position* deleted (82)
- translation missing: *en.field\_position* set to 82

**#13 - 07/03/2012 10:05 AM - Anonymous**

- Target version changed from v0.50 to v0.49
- translation missing: *en.field\_position* deleted (82)
- translation missing: *en.field\_position* set to 1328