

I recently twittered about a neat little new script of mine called `hostForVm`, which tells you on which host a specific vm runs or which vms run on a specific host. Done using [\[\[http://www.python.org/python\]\]](http://www.python.org/python), [\[\[https://fedorahosted.org/suds/suds\]\]](https://fedorahosted.org/suds/suds) and the [\[\[http://communities.vmware.com/community/vmtn/developer/forums/managementapi|vSphere Web SDK\]\]](http://communities.vmware.com/community/vmtn/developer/forums/managementapi|vSphere Web SDK).

The script is available at github:

[\[\[https://github.com/dploeger/hostForVm\]\]](https://github.com/dploeger/hostForVm)

One thing to note: If you use the script to work against a vSphere 4-vCenter Server, be sure to do a nasty patching of suds, as vSphere 4 expects all types to be NOT prefixed with `:type`, which suds (naturally) does.

To patch that functionality out of suds (and make suds useless for the rest of your installation :-), change the following around line #90 of `/suds/mx/typer.py`:

```
xta = ':'.join((NS.xsins[0], 'type'))
node.addPrefix(NS.xsins[0], NS.xsins[1])
if ns is None:
```

to

```
xta = ':'.join((NS.xsins[0], 'type'))
xta = None
node.addPrefix(NS.xsins[0], NS.xsins[1])
if ns is None:
```

(add `xta = None`)

This is sad, but fixed in vSphere 5. So upgrade to vSphere 5 if you're bothered by it.