puppet 错误解决--change from absent to file failed: Could not set 'file on ensure: No such file or directory

故障现象：

```
[root@linux57poc ~]# puppet agent -t
info: Retrieving plugin
info: Loading facts in /var/lib/puppet/lib/facter/fact_apply.rb
info: Caching catalog for puppet_linux57poc.gov.shanghaigm.com
info: Applying configuration version '1385822663'
err: /Stage[main]/Puppet_linux57poc::Test/File[/tmp/puppet/test.txt]/ensure: change
from absent to file failed: Could not set 'file on ensure: No such file or
directory - /tmp/puppet/test.txt.puppettmp_3104 at
/etc/puppet/environments/production/agents/modules/puppet_linux57poc/manifests/init
.pp:25
notice: /Stage[main]/Mcollective::Facter/File[/etc/mcollective/facts.yaml]/content:
--- /etc/mcollective/facts.yaml 2013-11-30 22:44:13.000000000 +0800
+++ /tmp/puppet-file20131130-6401-2x5wpt-0  2013-11-30 22:44:24.000000000 +0800
@@ -1,89 +1,89 @@
 ---
- blockdevice_sda_size: "42949672960"
+ mtu_eth0: "1500"
+ physicalprocessorcount: "1"
+ caller_module_name: mcollective
+ is_virtual: "true"
+ rubyversion: "1.8.7"
+ environment: production
```

解决方法：

错误很明显，没有/tmp/puppet 这个目录，需要先创建

文件目录列表：

```
[root@linuxmaster1poc modules]# tree puppet_linux57poc/
puppet_linux57poc/
├── files
│   └── etc
│       └── test.txt
├── manifests
│   └── init.pp
└── templates
```

```
    ├── facts.txt.erb
    └── motd.erb


4 directories, 4 files
```

pp 文件内容：

```
class puppet_linux57poc{
  include puppet_linux57poc::motd,puppet_linux57poc::facts,puppet_linux57poc::test
}

class puppet_linux57poc::motd{
  package{ setup:
    ensure => present,
  }
  file{ "/etc/motd":
    owner   => "root",
    group   => "root",
    mode    => 0400,
    content => template("puppet_linux57poc/motd.erb"),
    backup  => 'main',
    require => Package["setup"],
  }
}
class puppet_linux57poc::test{
  file{ "/tmp/puppet/test.txt":
    owner   => "root",
    group   => "root",
    mode    => 0400,
    source  => "puppet:///modules/puppet_linux57poc/etc/test.txt",
    backup  => 'main',
  }
}
class puppet_linux57poc::facts{
  file{ "/etc/mcollective/facts.txt":
    owner   => "root",
    group   => "root",
    mode    => 0400,
    content => template("puppet_linux57poc/facts.txt.erb"),
    backup  => 'main',
  }
}
```

测试：

```
[root@linux57poc ~]# mkdir /tmp/puppet -p #创建目录


[root@linux57poc ~]# puppet agent -t
info: Retrieving plugin
info: Loading facts in /var/lib/puppet/lib/facter/fact_apply.rb
info: Caching catalog for puppet_linux57poc.gov.shanghaigm.com
info: Applying configuration version '1385823719'
notice: /Stage[main]/Puppet_linux57poc::Test/File[/tmp/puppet/test.txt]/ensure:
defined content as '{md5}18dc28902480f14de4c115d5e5601de8'
notice: /Stage[main]/Mcollective::Facter/File[/etc/mcollective/facts.yaml]/content:
--- /etc/mcollective/facts.yaml 2013-11-30 23:02:00.000000000 +0800
+++ /tmp/puppet-file20131130-7137-t61r1f-0  2013-11-30 23:02:16.000000000 +0800
@@ -14,8 +14,8 @@
   processorcount: "1"
   caller_module_name: mcollective
   netmask_eth0: "255.255.255.0"
```

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为了能够和大家更好的交流和学习 Puppet，本人 2014 年又新开辟了微信公众号进行交流学习，目前已经有 300 多人同时收听，喜欢 Puppet 的大神们可自行加入哦。

如 果 你 有 好 的 有 关 Puppet 的 咨 询 也 可 以 给 我 投 稿 ， 投 稿 地 址 ： admin@kisspuppet.com

微信公众号："puppet2014"，可搜索加入，也可以扫描以下二维码

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