

Foreman - Bug #14958

undefined method `mask' for nil:NilClass error

05/09/2016 12:47 AM - Mostafa Yasin

Status: Rejected	
Priority: Normal	
Assignee:	
Category: Templates	
Target version:	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
Greetings,	
I have created a template to configure teaming during the provisioning process as follows:-	
<code><%= snippet 'Kickstart_CentOS' %></code>	
<code>%post</code>	
<code><% subnet = @host.subnet -></code>	
<code>< myinterface = @host.interfaces.managed.first %></code>	
<code>cat << EOF > /etc/hostname</code>	
<code><%= myinterface.name %></code>	
<code>EOF</code>	
<code>cat << EOF >> /etc/hosts</code>	
<code><%= myinterface.ip > <= myinterface.name > <= myinterface.shortname %></code>	
<code>EOF</code>	
<code>cat << EOF > /etc/sysconfig/network-scripts/ifcfg-team0</code>	
<code>DEVICE="team0"</code>	
<code>DEVICETYPE="Team"</code>	
<code>ONBOOT="yes"</code>	
<code>BOOTPROTO="none"</code>	
<code>NETMASK=<%= myinterface.subnet.mask ></code>	
<code>IPADDR=<= myinterface.ip ></code>	
<code>GATEWAY=<= myinterface.subnet.gateway ></code>	
<code>SEARCH=<= @host.domain ></code>	
<code>DNS1=<= subnet.dns_primary ></code>	
<code>< if !subnet.dns_secondary.nil? && !subnet.dns_secondary.empty? ></code>	
<code>DNS2=<= subnet.dns_secondary ></code>	
<code>< end -></code>	
<code>TEAM_CONFIG="{\"runner\": {\"name\": \"activebackup\"}}"</code>	
<code>EOF</code>	
<code>real=`ip -o link grep -i <= myinterface.mac -> awk '{print \$2;}' sed s://^</code>	
<code>cat << EOF > /etc/sysconfig/network-scripts/ifcfg\$real</code>	
<code>DEVICE="\$real"</code>	
<code>DEVICETYPE="TeamPort"</code>	
<code>ONBOOT=yes</code>	
<code>BOOTPROTO="none"</code>	
<code>TEAM_MASTER="team0"</code>	
<code>EOF</code>	
<code>< myinterface = @host.interfaces.second ></code>	
<code>real=`ip -o link grep -i <= myinterface.mac -> awk '{print \$2;}' sed s://^</code>	
<code>cat << EOF > /etc/sysconfig/network-scripts/ifcfg\$real</code>	
<code>DEVICE="\$real"</code>	
<code>DEVICETYPE="TeamPort"</code>	

```

ONBOOT=yes
BOOTPROTO="none"
TEAM_MASTER="team0"
EOF
cat << EOF > /etc/sysconfig/network-scripts/ifcfg-team1
DEVICE="team1"
DEVICETYPE="Team"
ONBOOT="yes"
BOOTPROTO="none"
NETMASK=<= myinterface.subnet.mask >
IPADDR=<= myinterface.ip >
GATEWAY=<= myinterface.subnet.gateway >
SEARCH=<= @host.domain >
DNS1=<= subnet.dns_primary >
< if !subnet.dns_secondary.nil? && !subnet.dns_secondary.empty? >
DNS2=<= subnet.dns_secondary >
<end>
TEAM_CONFIG='{"runner": {"name": "activebackup"}}'
EOF
real=`ip o link | grep i <= myinterface.mac > | awk '{print $2;}' | sed s://`
cat << EOF > /etc/sysconfig/network-scripts/ifcfg$real
DEVICE="$real"
DEVICETYPE="TeamPort"
ONBOOT=yes
BOOTPROTO="none"
TEAM_MASTER="team1"
EOF
< myinterface = @host.interfaces.second >
real=`ip o link | grep i <= myinterface.mac -> | awk '{print $2;}' | sed s://`
cat << EOF > /etc/sysconfig/network-scripts/ifcfg$real
DEVICE="$real"
DEVICETYPE="TeamPort"
ONBOOT=yes
BOOTPROTO="none"
TEAM_MASTER="team1"
EOF
cat << EOF > /etc/sysconfig/network-scripts/ifcfg-team2
DEVICE="team2"
DEVICETYPE="Team"
ONBOOT="yes"
BOOTPROTO="none"
NETMASK=<= myinterface.subnet.mask >
IPADDR=<= myinterface.ip >
GATEWAY=<= myinterface.subnet.gateway >
SEARCH=<= @host.domain >
DNS1=<= subnet.dns_primary >
< if !subnet.dns_secondary.nil? && !subnet.dns_secondary.empty? >
DNS2=<= subnet.dns_secondary >
<end>
TEAM_CONFIG='{"runner": {"name": "activebackup"}}'
EOF
real=`ip o link | grep i <= myinterface.mac > | awk '{print $2;}' | sed s://`
cat << EOF > /etc/sysconfig/network-scripts/ifcfg$real
DEVICE="$real"
DEVICETYPE="TeamPort"
ONBOOT=yes
BOOTPROTO="none"
TEAM_MASTER="team2"
EOF
< myinterface = @host.interfaces.second >
real=`ip o link | grep i <= myinterface.mac -%> | awk '{print $2;}' | sed s://`
cat << EOF > /etc/sysconfig/network-scripts/ifcfg$real
DEVICE="$real"
DEVICETYPE="TeamPort"
ONBOOT=yes
BOOTPROTO="none"
TEAM_MASTER="team2"

```

EOF
%end

And then I have added the MACs in "Interface" tab during creating "new host".

Please i get this error when trying to view the kickstart template using web interface "There was an error rendering the Kickstart BM Netcard for 6 NICs template: undefined method `mask' for nil:NilClass"

Regards,
Mostafa

Related issues:

Related to Foreman - Feature #17033: Add Network Teaming configuration for hosts

New

History**#1 - 05/09/2016 03:11 AM - Dominic Cleal**

- *Category set to Templates*

- *Status changed from New to Need more information*

If mask is called on a nil value, it sounds like your interface is missing a subnet. Ensure every interface you're managing has a subnet assigned.

#2 - 05/09/2016 05:22 AM - Mostafa Yasin

Thanks a lot, Dominic for your support.

I am a little bit confused about your editing. Could you please send me what i should put in the Teaming template.

Regards,
mostafa

#3 - 05/09/2016 05:26 AM - Dominic Cleal

I wasn't suggesting to edit the template, but to ensure your host's interfaces all have a subnet set.

#4 - 10/20/2016 03:04 AM - Marek Hulán

- *Related to Feature #17033: Add Network Teaming configuration for hosts added*

#5 - 05/17/2017 03:42 PM - Anonymous

- *Status changed from Need more information to Rejected*

the usual checks in such a template are needed.