

Foreman - Bug #37365

[RFE] Satellite and Anaconda are not in sync when deploying RHEL9: both keyfiles/snippets and ifcfg-xxx files are generated

04/18/2024 11:17 AM - Shimon Shtein

Status:	New	
Priority:	Normal	
Assignee:		
Category:		
Target version:		
Difficulty:		Fixed in Releases:
Triaged:	No	Found in Releases:
Bugzilla link:		Red Hat JIRA: SAT-15129
Pull request:		

Description

[RFE] Foreman and Anaconda are not in sync when deploying RHEL9: both keyfiles/snippets and ifcfg-xxx files are generated
Cloned from 15043569

Description of problem:

Foreman doesn't support keyfiles when provisioning RHEL9: it creates ifcfg during provisioning.

RHEL9 installed from Foreman are thus creating duplicated and confusing files

tl;dr: **It seems Anaconda creates the keyfiles/snippets used by RHEL9 and at the same time Kickstart from Foreman is creating ifcfg files duplicating the configuration!**

Example of a Physical Machine with bond:

```
~~~
[root@ ~]# ls -ll /etc/NetworkManager/system-connections
total 12
-rw-r--r--. 1 root root 425 Oct 10 12:18 bond0.nmconnection
-rw-r--r--. 1 root root 282 Oct 10 12:18 ens3f0.nmconnection
-rw-r--r--. 1 root root 282 Oct 10 12:18 ens3f1.nmconnection
```

```
[root@ ~]# ls -ll /etc/sysconfig/network-scripts/
total 12
-rw-r--r--. 1 root root 309 Oct 10 12:19 ifcfg-bond0
-rw-r--r--. 1 root root 129 Oct 10 12:19 ifcfg-ens3f0
-rw-r--r--. 1 root root 129 Oct 10 12:19 ifcfg-ens3f1
```

~~~
Example simple Virtual Machine (Vmware):

```
~~~
[root@ ~]# ls -ll /etc/NetworkManager/system-connections
total 4
-rw-r--r--. 1 root root 417 Oct 10 12:54 ens192.nmconnection
[root@ ~]# ls -ll /etc/sysconfig/network-scripts/
total 4
-rw-r--r--. 1 root root 252 Oct 10 12:55 ifcfg-ens192
~~~
```

This makes managing systems very confusing as keyfiles by default will be prioritized.

Foreman should support keyfiles when installing RHEL9 or only use ifcfg files (if supported by anaconda)