



Configure the satellite remote execution to use SSH key other than foreman-proxy SSH key



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Environment

- Red Hat Satellite 6

Issue

- After creating a separate user for remote execution , the foreman-proxy's SSH key is still used for remote execution.

Resolution

- Setup Remote Execution using non-root user on RHEL systems connected to Red Hat Satellite 6.
- Create an SSH key pair and choose the desired location for it, or using an existing one:

```
# ssh-keygen
```

- Run the following command on both satellite and the capsules to set the directory where SSH keys are stored and the private SSH key name :

```
# satellite-installer --foreman-proxy-plugin-remote-execution-ssh-ssh-identity-dir [Directory where SSH keys are stored] \
--foreman-proxy-plugin-remote-execution-ssh-ssh-identity-file [Private SSH key filename]
```

Note: use only the filename for argument `foreman-proxy-plugin-remote-execution-ssh-ssh-identity-file`, i.e. `--foreman-proxy-plugin-remote-execution-ssh-ssh-identity-file id_rsa`

- Ensure that **foreman-proxy** user can access and read the new SSH keypair without any issues.

```
# su - foreman-proxy -s /bin/bash -c "ls -l /PATH/TO/NEW/SSH/KEYPAIR/DIRECTORY/" # curl -vvv https://<satellite or capsule fqdn>:9090/ssh/pubkey
```

- If either or both of the command returns **Access Denied** or **Permission Denied**, then set appropriate permission or ACL for the directory where SSH keys are stored.
- The easiest way to do that would be setting an ACL for the foreman-proxy user as displayed below.

```
# setfacl -R -m u:foreman-proxy:rwX /PATH/TO/NEW/SSH/KEYPAIR/DIRECTORY/
```

Root Cause

- The satellite is configured by default to use the foreman-proxy SSH key to run the remote execution.

Product(s) Red Hat Satellite **Component** foreman **Category** Configure **Tags** foreman

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