8.5. Unattended Provisioning

You can use an API call to declare an association between a client identified by its MAC address and an autoinstallation profile. Next time the system reboots, it starts the installation based on the specified profile.

Procedure: Reinstallation From a Manually Declared Profile

1. On the SUSE Manager Server, at the command prompt, use the `system.createSystemRecord` API call. In this example, replace `name` with the name of your client, `<profile>` with the profile label, `<iface>` with the name of the interface on the client such as `eth0`, and `<hw_addr>` with its hardware address such as `00:25:22:71:e7:c6`:

```
$ spacecmd api -- --args '["<name>", "<profile>", "", "", \
  [ {"name": "<iface>", "mac": "<hw_addr>"} ]]' \
  system.createSystemRecord
```

2. Power on the client. It boots from the network, and the correct profile is selected for installation.

This command creates a system record at Cobbler. You may also specify additional parameters, like kernel options, the IP address of the client, and its domain name. For more information, see the API documentation for `createSystemRecord call`.

8.6. Use Your Own GPG Key

If the repositories you are using for autoinstallation have unsigned metadata, you usually have to use the `insecure=1` kernel parameter as an option of the autoinstallable distribution, and use a `spacewalk/sles_no_signature_checks` code snippet in the AutoYaST installation file.

A safer alternative is to provide your own GPG key.

ℹ️ This technique applies to SUSE clients only.

Procedure: Include Your Own GPG Key

1. Create a GPG key.

2. Use it to sign the package's metadata.

3. Add it to the initial RAM disk of your installation media.

4. To copy GPG keys to the container use `mgradm gpg add`. This command copies the GPG key and adds it to the customer keyring.

5. Run command `mgradm restart`. This command creates a unique keyring using the SUSE and the customer keyring.

> When you signed the metadata with your new GPG key, any already onboarded client will not know about the new key. Ideally, you should sign the metadata before you register any client.
>
> For already onboarded clients that use those repositories, the workaround is to disable GPG key checking on them.