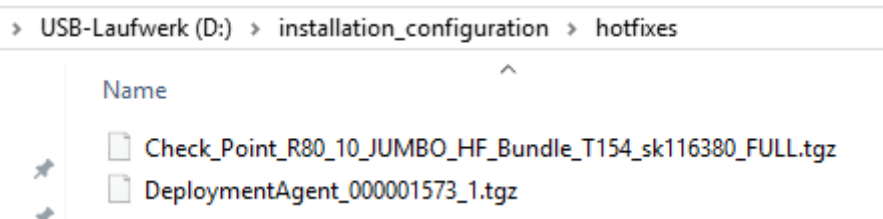


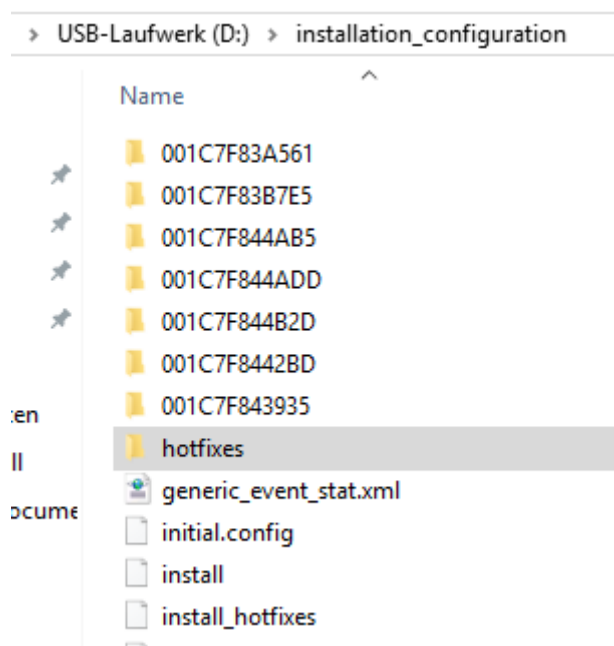
How to install R80.xx from USB-device without interaction.

(© by Wolfgang Becher)

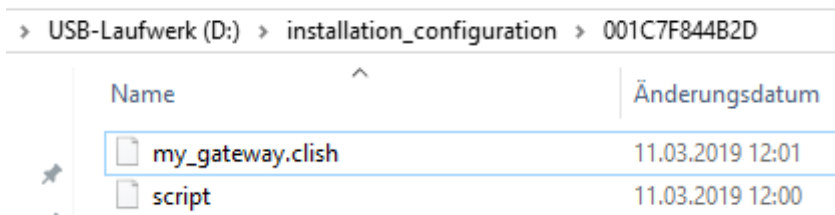
- prepare USB-device
 - o Install USB-device following sk65205
 - o Prepare it for only one gateway and with all default values
 - o Password, SIC etc.
 - o enable unattended install for your gateway type
- customize your installation
 - o copy all needed hotfixes (Jumbos, cpuse-agent etc.) to directory „\installation_configuration\hotfixes\“



- o create directories with MAC-addresses of the appliances under directory „\installation_configuration\“



- o under each MAC-directory place a file called „script“
 - this is the clish-script for the appliance configuration
 - file must be named „script“, shown „my_gateway.clish“ is only a sample



- you can place any clish command in the file, but there is a limitation
 - if the command results in a question or any other problematic output you can't use it this way, the script will be failing
 - configuration commands like this must be done later
- change file „\installation_configuration\initial_config“
 - installation of hotfixes
 - every hotfix to install must be placed here

```
<hotfixes>
  <hotfix>DeploymentAgent_000001573_1.tgz</hotfix>
  <hotfix>Check_Point_R80_10_JUMBO_HF_Bundle_T154_sk116380_FULLL.tgz</hotfix>
</hotfixes>
```

- configuration for gateway
 - MAC-address of appliance
 - Type gateway, management or standalone
 - hostname
 - IP-address/netmask of mgmt-interface
 - can be deleted or replaced in the clish-script, but has to set here
 - password for admin user
 - name for clish-script
 - you can choose any name here, only the script named „script“ which is located in the MAC-address directory is used to configure (strange but works)

```
<appliance mac="00:1C:7F:84:AA:44" type="single_gw">
  <sic>SIC_password</sic>
  <hostname>name_of_appliance</hostname>
  <ipv4>1.1.1.1</ipv4>
  <subnet>255.255.255.0</subnet>
  <default_gw>1.1.1.254</default_gw>
  <password>$1$]BQfasdffsdfdsfdfsdfdsf</password>
  <script>scriptname.cfg</script>
</appliance>
```

There are two running stages.

1. Boot appliance with USB-device attached
 - Appliance will be installed and all data is copied
 - This part is ready if all lights of the interface are flashing consecutively
 - remove USB-device and reboot
2. Installation of customized configuration
 - Installation of hotfixes and custom commands
 - Is everything is fine it looks like

```
finish running /tmp/init_config.conf
Running /tmp/init_clish.conf
Processing line 1 out of 6
Processing line 2 out of 6
Processing line 3 out of 6
Processing line 4 out of 6
Processing line 5 out of 6
Processing line 6 out of 6
Done.
Running /tmp/init_clish.conf was done successfully
dos2unix: converting file /etc/sysconfig/installation configuration/001C7F83B7E5/script to UNIX format ...
Running script: my_gateway.cfg
Processing line 1 out of 84
Processing line 2 out of 84
Processing line 3 out of 84
Processing line 4 out of 84
Processing line 5 out of 84
Processing line 6 out of 84
```

```
Processing line 80 out of 84
Processing line 81 out of 84
Processing line 82 out of 84
Processing line 83 out of 84
Processing line 84 out of 84
Done.
```

- now the appliance is ready with the configuration from the clish-script
- You have to reset SIC in Smartcenter if this is a replaced device
- if something goes wrong

```
Processing line 12 out of 79
NMSETH0049 Invalid Interface name
set interface eth2
-----
CLICMD0159 Error at line 12. Could not execute all commands successfu
```

- in this case only the default configuration is in place, nothing from the clish-script