

# Automatischer Satellite Installer

## Skript Sourcecode

Filename: **satellite\_6.2\_configurator.sh**

```
#!/bin/bash
# Auto configuration of Satellite 6.2

if ls /root | grep -q manifest ; then
    manifest=$(ls /root | grep manifest)
    echo 'Manifest file is present, starting with deploy..'
else
    echo 'Please place the Satellite manifest file in /root and rerun the
script!'
    exit 1
fi

# -----Environment Config-----
-----
## Get main configuration:
host='https://$(hostname -f)/'
organisation='Post IT'
#label='Post_IT'
username='admin'
echo -n 'Enter a password for the admin user: '
read password

## Repository configuration:
epel='true'
gluster='true'
packetfence='true'
rhel5='true'
rhel6='true'
rhel7='true'

other='true'

# -----Installing Satellite-----
-----
clear
echo -e "\e[91mYour Satellite will be available & configured with the
following information:\e[0m"
echo -e
"\e[31m#####"
```

```
#####\e[0m"
echo -e "\e[41m[Genaeral Information]:\e[0m"
echo "Hostname: $host"
echo "Organization: $organisation"
echo ''
echo -e "\e[41m[Login Information]:\e[0m"
echo "Username: $username"
echo "Password: $password"
echo ''
echo -e "\e[41m[Available Repositories]:\e[0m"
echo "EPEL Repository Enabled: $epel"
echo "Gluster Repositories Enabled: $gluster"
echo "Packetfence Repositories Enabled: $packetfence"
echo "RHEL 5 Repositories Enabled: $rhel5"
echo "RHEL 6 Repositories Enabled: $rhel6"
echo "RHEL 7 Repositories Enabled: $rhel7"
echo "Other RHEL Repositories Enabled: $other"
echo -e
"\e[31m#####
#####\e[0m"
echo ''
echo -n 'Would you like to install Satelllite with this Configuration?
([Y]/N): '
read choice
###
### start with installation..
if [ "$choice" == Y ]; then
    echo -e "\e[91mDisable all standard repositories..\e[0m"
    subscription-manager repos --disable '*'
    echo -e "\e[91mEnable Satellite Repos..\e[0m"
    subscription-manager repos --enable=rhel-7-server-rpms --enable=rhel-
server-rhsc1-7-rpms --enable=rhel-7-server-satellite-6.2-rpms
    echo -e "\e[91mUpdate the System and install Satellite installer..\e[0m"
    yum update -y && yum install -y satellite
    echo -e "\e[91mInstall and configure Satellite Server..\e[0m"
    satellite-installer --scenario satellite --foreman-initial-organization
"$organisation" --foreman-initial-location 'Default Location' \
--foreman-admin-username $username --foreman-admin-password $password --
katello-proxy-url=http://outappl.pnet.ch --katello-proxy-port=3128
else
    clear
    echo -n 'Please rerun the script, after your changes..'
    exit 1
fi
# -----Hammer Commands-----
-----
if [ ! -d /root/.hammer ]; then
    mkdir /root/.hammer;
fi
```

```

cd "/root/.hammer"
cat <<EOF > cli_config.yml
:foreman:
  :enable_module: true

  :host: $host
  :username: $username
  :password: $password
EOF

hammer user update --login="$username" --locale='en'

##Create LDAP Connection
echo -e "\e[91mCreating Satelllite LDAP connection..\e[0m"
hammer auth-source ldap create --name='pnet' --port='636' --server-
type='active_directory' --host='ldaps1pnet.pnet.ch' --account='POST\s-
satellite' --account-password='xJ*9C)6o' --base-dn='DC=pnet,DC=ch' --groups-
base='OU=groups,DC=pnet,DC=ch' --ldap-filter='(|(ou=it*)(ou=p55))' --
onthefly-register='true' --usergroup-sync='false' --attr-
firstname='givenName' --attr-lastname='sn' --attr-login='samaccountname' --
attr-mail='mail' --tls='true'

### Create organization, label, and location
#hammer organization create --name="$organisation" --label=$label
echo -e "\e[91mCreating locations..\e[0m"
hammer location create --name='RZ-Engehalde'
hammer location create --name='RZ-Zofingen'

#-----
-----
##PGP Key Import
echo -e "\e[91mImporting & creating PGP keys..\e[0m"
cat <<EOF > /root/Centos-Storage-SIG.pub
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v2.0.22 (GNU/Linux)

mQENBFTCLWABCADDHh5ktfB+78L6yxcIxwbZgaLKTp0mKvM3i2CjBrbw+xHJ4x9E
mn39rkTJf2UH0K0PgAp3FftoAFctrSAXuanNGpEcpSxXDzxNj2QMpAbySZ2r4RpL
qxNVlB73dHuASXIMlhyV1ASpM6Me0dpaTtyKj38kRPFkWwuIUaiEQzXFgzTYx7Kp
i+we0iUBfSKY47l2rbqyu9qZ8kCeMjuSuLfg50Kw+fj9zwqFJkc+LAz8IPTF4g7p
48m0m5bUPvKIIa1BfYcyqaTMxfbqjGaF1M37zF100TUKGQ+8VddzQmwg7GglQMt3
FqVer1WJUNPXyEgmZMzfmg7lqdPKKYaQBLk1ABEBAAG0XknlnbnRPuYBTdG9yYWdl
IFNJRYAoahr0cDovL3dpa2kuY2VudG9zLm9yZy9TcGVjaWFsSW50ZXJlc3RHcm91
cC9TdG9yYWdlKSA8c2VjdXJpdHlAY2VudG9zLm9yZz6JATkEEwECACMFAITCLWAC
GwMHCwKIBwMCAQYVCAIJCgsEFgIDAQIEAQIXgAAKCRDUouUL5FHltbq9B/93dtpt
lQG2mVvGik9TFgRdt+p3CPTqT1fwnzhB3i002yJu5oM6s4FB1XqKRaklqtvtBzyT
geAwenu74aU1hFv4uq+uETCanUaSg0vTcCn5WXUp0vLwKJV7TUjLSNRfp2dAG8Ig
d3euLnfajCE13t5BrqhTAlaMxAbGAqtzr6K9y0hUeT0ogjrscfoQSVptlcLs8d7m
P+VMR4GUfvUAws65JZxBaal4N7eIIZCWktnJ+B3dE3/tsAksGyXGLaSroPSuY18V
wksdBuscKVV49Ees0SbhvSrF5JJ07ccUt43SSFun84iNW4nuiWm2Q00KMcd182Sk

```

```
d9SDUTFu/G4s2gx7
=a0nM
-----END PGP PUBLIC KEY BLOCK-----
EOF
hammer gpg create --name Centos-Storage-SIG --organization "$organisation" -
-key /root/Centos-Storage-SIG.pub

cat <<EOF > /root/Post_Packages_Key.pub
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v2.0.15 (GNU/Linux)

mQINBFa6DsoBEADYVQoctXmjtd4ic3o+MRuS4ldWjZMNzKJs38I/zeBFxjDfY1WZ
MoHr4qYc2L4b4pubPDWPH7bT0QPDWV08D0zqQyR7HaA5V+oLvZEn7DMKfkQ4phFL
AXqhXD3jmWghuUaopbnXHjztiKWH4y30nh5CI82sqimerKKsPIUkqNxDKKe88UvU
J6FReYqfj2sp/Jck38fcInom6HxcJfTgr5D/GjfhmLDCt5dhbf+1JAcXJbkxEzj
e4JURvxxFuzBRwB6Pm6v5woJSrWaViDI3/N6RB5qf0386u3x9PLfMeEfKng6xEp4
uIi42m2Am0uLuoPdJKt8s70aRHTYqzSICWssqoh2409rrrk3wLN1HLtasl0ZCw49
8G61ez4jI2mSpL82ED5w0QbHGlz70xEMf4j7J83tfXRTL8hKDhaQ7wTq2CGympRy
Ed22fUVhK54WHS1QAyudoHhdZ2TFHJ6pqZhN9cNIsc0rsgUP03QoDXyGk2EHXmkE
Csa3d0s+kej+84bQC/3WsdjsCF1SQC0pL1rHNV1WXVIEJ2/wl8v+CXNxdwL50hf
lvu1fK6o88yn0hmeMgIasD/1c0pgFAm0NG8Z3YNLtg/XxZKPtTqMzmw/ZCjvWtQy
EED+6KVDRd5q9w/NohPC8RzgV9D0fHnGcVFL+cxفزUuxP7ZeczVE1cPk+QARAQAB
tFpQb3N0IENIIEFHIC0gTGldXGgUGFja2FnZSBmZG1pbmldHJhdG9yICChYWNr
YWdlIFNpZ25pbmVudG9uZS5kaS8bGludXguZW5naW5lZXJpbmdAcG9zdC5jaD6JAj4E
EwECACgFAla6DsoCGwMFCQlmAYAGCwkIBwMCBhUIAgkKCwQWAgMBAh4BAheAAAJ
ECspDrUynf9tYDsP/0Eqj+ZD97c05bkSBzte63f9qTbjKaq9ss33c6sCGKT0kWJv
DF58j1urhtzXEEyzJakU7hYsfP/dMIBkcjS6Ri6q3FVvhn32TLRrftegQjYW0low
NwHmP4aVYl0GfJTw+nvXF6SsSZzhqBV4/uV9Y7s1ehQtaG94R0VuZM0VUTE3LFbz
y0J2U8Fqt0R+3cn4fcPcnPFyRnGZLhMgNSNw6mYs1C2BJ0ralIR8hnYSPRQ24vS
Q5+TackE3/1VHD0u6oZ/l0NSy0arzUEudYeZierw2ofIh5QnX8aF/0JxWYjshdmW
njJivRkEwY+pn0Yf7EivDqXn9IQAHzs29bLtaM9CsoopkEy1E33fQ2F5UVjwD+ba
vhLjjq9B+2up14B0LA6oPckr2f0GVLd0S9fpY6hxczBDam0X/NCIqQX5rRyDd4f4
tnUJ2gct0HnkG00K3GerAZPxHwL6qaqQlksrPcRQBnBwo9vamRC/xqYmAwf0xdK
KNtHDAHmXQEWgAKjFyvboqS05hoSllPT+/P3bniL9EwfSi2JmyVPGEXLN6fuhn5T
pk4Yq+Ki8pc0q5Kkr7s/0wiq4V4Bbw2kqpmJ80KB/AFel0W/YkNjUnBsa2FqRZ2m
yBca4YAShQsVIpNqm/lxUptKXlL1QHxxJTCK0gCEWa1Nfd0RLIyuR/TLBoRm
=YFFL
-----END PGP PUBLIC KEY BLOCK-----
EOF
hammer gpg create --name "Post Packages Key" --organization "$organisation"
--key /root/Post_Packages_Key.pub

cat <<EOF > /root/RPM-GPG-KEY-PACKETFENCE-CENTOS.pub
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.4.12 (GNU/Linux)

mQINBFboV/kBEAD0LENE/obEKUnHhRJzr/y+27BVHI0KUia4CbXESHBYla/+ZMS/
Kr91b8JFgfhw52BMDDeB/73vN1HKoPv08THzim0JA3CoN8C9I/0eqyE32SsqGA/c2
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6FL9a1zTRff7BVkQTsiq3gPjLfykERzIpmfWB/FML0S+guGmS6BY04P15M0hGCwH
1emW931uwZyMv7VpNffnaUoxoMjkh4PPo7ferNRpU+cCaiokmvVS+1l+ZWeehq9N
YrNJzupQao5HdG2t2tj1n+IJChrCo5qDBZ6YlnjYxaNSaaa8bK4nPmbdmjm/3YFK
0n2DIriAU0CRaJVYkWgvhEQznHwGzKeXm6x8K7Px+uvNx/OAfiwBti43WMLxbyw4
Z5fkKfRErm1BBLHI7FQk0i0sY+g7yCrLTx6+4evJC6kJ+xPyk5wFgwrs+A9iEpj2
kXkvY0PuZttA5XsqKo1tsC85j2zRnC5X53WV4ccPWiRM6cpsvDZrpi32pP6I4WE2
oE9Dt25RVA4VTovaYZKXq0H7FIIvtCTxyHXNevAmPpZKmdAnSi9vb3Yj329p5JFf
3BHtZH8li+bg5dSUSUyxS2Kdb+4q63n4NAYz52wex0t7evutEo1rzpTjNQuSp/aa
Y9mspj9xV/LdlMce9v822wGUKtvaXFUhhor0XV5icYsv93NEL3NBSnnpnfQARAQAB
tDpJbnZlcnNlIFN1cHBvcnQgKFJQTSBwYWNrYWdlIHNPZ25pbmcpIDxzZXBwb3J0
QGludmVyc2UuY2E+iQI4BBMBAgAiBQJW6Ff5AhsDBgsJCAcDAgYVCAIJCgsEFgID
AQIEAQIXGAAKCRDLLToqoAMOLFyKEADV1/4XeP7maHYqRdzEfov8dSqRTgnQKxb
gErvBdpna1vR7QNGY19zMKduSQKTI0I704s8jrtGm0RrtLM50JgrfYA1HDiTIkRp
1L6yps7Vz7qBSxGhKaT5sDsolYHX9MlgJBIQ4rs5lxZ0oQFLbaNUgRf333v+SyJC
Y7200ohUa9qtur6uK2VDrJqgzl1huWctZ3FdxcbKrmwn93//W27VNdPCarxcpe0
qy8hJ74F+Iom9Kqw5YBPAABdSlJ2DEwxN+ItyiMExYqkTidcQmk+LdNkP2eN40IM
d59Lp2iWP2zIqaJ9hKURwdUKYajrsFpAS7eubUprN436sK/dFpv4NL7grnoD4seB
wvk8eqXIyz0NZqgZH5nhilf6QJ340SYHglQ2gChkAC5MENSuk2Cr8+R72GRt0vAP
N2GTU+v7Kwtudl2jpworlxNWRsqFynHIUbnDdn6t0VQWnpNJWhgZBGhzA0eIYgl
7rtqJ/hlU7Cu7CzWtM3XluWhrNw4/K3lmngj2UNJkIxbZKi3K/UKsuHtvHAt6B1H
L0oD07gvX25E1Kx14KxW6oq4lsnjg/vdUwKYDdmGZCDCSsUCMdHcMQPNbLhEoBNl
B2RzxDpx081bCL692Wxx50JFFhsp0LR1a09ljrwAHtWrX5zV3Pb4qrTeiQpMgeZq
yglRDT063w==

```

=sdaP

-----END PGP PUBLIC KEY BLOCK-----

EOF

```

hammer gpg create --name RPM-GPG-KEY-PACKETFENCE-CENTOS --organization
"$organisation" --key /root/RPM-GPG-KEY-PACKETFENCE-CENTOS.pub

```

cat <<EOF > /root/EPEL\_5.pub

-----BEGIN PGP PUBLIC KEY BLOCK-----

Version: GnuPG v1.2.6 (GNU/Linux)

```

mQGIBEXopTIRBACZDBM0oF0akAjaxw1LXjeSvh/kmE35fU1rXfm7T0AV31NATCLF
l5CQiNDA4owreDThg2Bf6+LIVTsGQb1V+XXuLak4Em5yTYwMTVB//4/nMxQEbpL/
QB2XwLJ7EQ0vW+kiPDz/7pHJz1p1jADzd9sQQicMtzysS4qT2i5A23j0VwCg1PB/
lpYqo0ZhWTrevxKMa1n34FcD/REavj0hSLQFTaKNLHRotRTF8V0BajjSaTkUT4uk
/RTaZ8KrlmTosVtosqmdIAA2XHxi8ZLiVPPSezJjfelSsq0AxEKPL0djfpp2wrTm
l/liVnX+PZH5DRKCbjdCMLDJhYap7YUhcPsMGSeUKrwmBCBJUPc6DhjFvyhA9IMl
1T0+A/9SKTv94ToP/JYoCTHTgnG5MoVnafisfe0wojP2mWU4gRk8X4dNGMj6lic
vM6gne3hESyjcqZSmr7yELPPGhI9MNauJ60b8cTR2T12Fmv9w03DD3MnBstr6vhP
QcqZKhc5SJYYY7ovfxlS0ff4xfwchQKoD5T0KwIAQ6T8jyFpKbQkRmVkb3JhIEVQ
RUwgPGVwZWxAZmVkb3JhcHJvamVjdC5vcmc+iGQEEExECACQFAkXopTICGwMFCRLM
AwAGCwkIBwMCAxUCAwMWAqECHgECF4AACgkQEZZAniF1IifabmQCgzvE60MnHS0Ba
ZXXF7uU2Vzu8E0kAoKg9h+j0NuNom6WUYZyJQt4zc5seuQINBEXopTYQCADapnR/
blrJ8FhlgNPL0X9S3JE/kygPbNXIqne4XBVYisVp0uzNCRUXNZq30MpY027JCs2J
nL2fMpwvx33f0phU029vrIZKA3CmnnwVsJcWfMJ0VPBmVN7m5bGU68F+PdRIcDsL
PMOWRLkTBZ0GoLLgIbM4719fqA8etewILrX6uPvRDwywV7/sPCFpRcfNNBUY+Zx3

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5bf4fnkaCKXgXgQS3AT+hGYhlzIqQVTkGNveHTnt4SSzgAqR9sSwQwqvEfVtYNeS
w5rDguLG41HqM1Hojv59HNYjH6F/S1rClZi21bLgZbKpCFX76qPt8CTw+iQLBPPd
yo0GHfzyp7nsfhuRaAMFB/9/H9Gpk822ZpBexQW4y3LGFo9ZSnmue0ZPU3SqDA
DW1ovZdYzGuJTGGM9oMl6bL8eZrcUBB0FaWge5wZczIE3hx2exE0kDdvq+MUDVD1
axmN45q/7h1NYRp5GQL2ZsoV4g9U2gMdzH0FtZCER6PP9ErVlfJpgBUCdSL93V4H
Sgpkk7znmT0klbCM6l/G/A6q4sCRqfzHwVSTiruyTbiU9lFR0sAl8fjIq20zWJ2T
P9sadBel1lUYaow7txYSUxssW+89avct35gIyrBbof5M+CBXyA0UaSwmpM2eub24
0qbqiSr/Y60m0t6vSzR8gRk7g+1H6IE0Tt1IJCvCAMimiE8EGBECAA8FAkXopTYC
GwwFCRLMAwAACgkQEZZANiF1IfZQYgCgiZHcv4xb+sTHCn/otc10vvi/OgMAnRXY
bbsLFW0fmzAnNIGvFRWy+YHi
=MMNL
-----END PGP PUBLIC KEY BLOCK-----
EOF
hammer gpg create --name "EPEL 5" --organization "$organisation" --key
/root/EPEL_5.pub

cat <<EOF > /root/EPEL_6.pub
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.4.5 (GNU/Linux)

mQINBEvSKUIBEADLGNuJ24ZVKW7liFN/JA5CgtzlNnKs7sBg7fVbNWryiE3URbn1
JXvrwHtkKyY96/ifZ1Ld3lE2g0F61bGZ2CwWJNee76Sp9Z+isP8RQXbG5jwj/4B
M9HK7phktqFVJ8VbY2jftJcfxRvGM8YBwXF8hx0CDZURAJvf1xRSQJ7iAo58qcHn
Xtx0AvQmAbR9z6Q/h/D+Y/PhoIjP10V4VNHCBcs9M7HUVBpgC53PDcTUQuwcgeY6
pQgo9eTleLNSZVrJ5Bctivl1UcD6P6CIGkkeT2gNhqindRPngUXGXW7Qzoefe+fV
QqJSm7Tq2q9oqVZ46J964waCRItrYsPuw5dxZ034WM6wsw2BP2MlACbH4l3luqtp
Xo3Bvfnk+HAFH3HcMudaulxv7zYKXCfNoSfgrpEfo2Ex4Im/I3WdtwME/Gbnwdq
3VJzgAxLVFhczDHwNkjmIdPALNJ9/ixRjip4dgZtW8VcBCrNoL+LhDrIfjvnLdRu
vBHy9P3sCF7FZycaHlMWP6RiLthnEMGcbZ8QpQHi2dReU1wyr9QgguGU+jqSXYar
lyEcsdRGasppNIZ8+Qawbm/a4doT10TEtPARhSoHlwbvqTDYjtfV92lC/2iwg06g
YgG9Xr04V8dV39Ffm7oLffvTbg5mv4Q/E6AWo/gkjmTxkculbyAvjFtYAQARAQAB
tCFFUEVMICg2KSA8ZXBlbEBmZWRvcMfWcm9qZWN0Lm9yZz6JAjYEEwECACAFakvS
KUIICGw8GCwkIBwMCBBUCAMEFgIDAQIEAQIXgAAKcRA7Sd8qBgi4lR/GD/wLGPv9
q039eyb9NlrwfKdUEo1tHxKdrhNz+XYr04yVDTBZRPSuvL2yaoeSIhQ0KhNPfEgT
9mdsbsgc fmoHxmGVcn+lbheWsSvcgrXuz0glt8TGGKGGROAoLXpuUsb1HNtKEoWp
Q4z1uQ2n0z5hLRyDOV0I2LwYV8BjGijBKUMFEUxFTsL7X0ZkrAg/WbTH2PW3hrfS
WtcrA7EYonI3B80d39ffws7SmyKbS5PmZjq0PuTvV2F0tMhKIhncBwoojWZPExft
HpKhZKVh8fdD0/3P1y1Fk3Cin8Ubc09MWMFNr27fVzCANlEPljSHA+3Ez4F7uboF
p000Eov4Yyi4BEbgqZnthTG4ub9nyiupIZ3ckPHr3nVcDUGcl6lQD/nkmNVIeLYP
x1uHP0SlWfuojAYgzRH6LL7Idg4FHHBA0to7FW8dQXFI0yNiJFA0T2j8P5+tVdq8
wB0PDSH8yRpn4HdJ9RYquau40kjlux0Wf0uRaS//SUcZh+1/KBE0mcbBHYRZA5J
l/nakCgxGb2paQ0zqqp0cHKvlyLuz05uybMXaipLEXTGJXB1XrbbASfXa/yGYSAG
iVrGz9CE6676dMlm8F+s3XXE13QZrXmjloc6jw0ljnfAkjTGXjiB70ULESed96MR
Xtflk0W5Ab9pd7tKDR6QHI7rgHXfCopRnZ2VVQ==
=V/6I
-----END PGP PUBLIC KEY BLOCK-----
EOF
hammer gpg create --name "EPEL 6" --organization "$organisation" --key
/root/EPEL_6.pub
```

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cat <<EOF > /root/EPEL_7.pub
-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: rpm-4.11.1 (NSS-3)

mQINBFKuaIQBEAC1UphXwMqCAarPUH/Zs0FslabeTV02pDk5Yn096f+rgZB7xArB
0SeQk7B90iqSJ85/c720An40XYvT63gfCeXpJs5M7emXkPsNQWWSju99lw+AqSNm
jYWhmRLLRGL0007gIwj776dIXvcMNFlzSPj00N2xAqjMbjlnV2n2abAE5gq6VpqP
vFXVyfrVa/ualogDVmf6h2t4Rdpi f8qTHsHFU3xpCz+T6/dGWKGQ42ZQfTaLnDM
jToAsmY0AyevkIbX6iZvtzGvanYpPcWw4X0RDPcpqfFNZk643xI4lsZ+Y2Er9Yu5
S/8x0ly+tmIokaE0wwbdUu740YTZjCesroYWiRg5zuQ2xfKxJoV5E+Eh+tYwGDJ
n6HfWhRgnudRRwvuJ45ztYVtKuLkKw8Q0pd2STWrcQQDJaRWmnMooX/PATTjCBExB
9dkz38Druvk7IkHmtsIqlkA0QMdsX1d3Tov6BE2XDjIG0zFxlDujGbVwc/6rIc95
T055j36Ez0HrjxdpTG00HxRqMK5m9flFbaxxtDnS7w77WqzW7HjFrD0VeTx2vnjj
GqchHEQpfDpF0zb8LTFhgYidyRNUflQY35WLOzLNV+pV3eQ3Jg1lUFWelSNLqfQf
uFRGc+zcwkNjHh5yPvm9odR1BI fQJ6sKGPGBtPNXo7ERMRypWyRz0zi0twARAQAB
tChGZWRvcMgRVBFTCAoNykgPGVwZWxAZmVkb3JhcHJvamVjdC5vcmc+iQI4BBMB
AgAiBQJSrmiEAhsPBgsJCAcDAGYVCAIJCgsEFgIDAQIeAQIXgAAKCRBqL66iNSxk
5cfGD/4spqpsTjtDM7qpytKLHKruZtvuWiqT5RfvT9ww9GUUFMZ4ZZGX4nUXg49q
ixDLayWR8ddG/s5ky0i3C0uX/6inzaYyRg+Bh70brqKUK14F1BrrPi29eaKfG+Gu
MFtXdBG2a70tPmw3yuKmq9Epv6B0mP6E5KSdvsRSqJWtGcA6wRS/wDzXJENHp5re
9Ism3CYdpy0GLRA5wo4fPB5uLdUhLEUDvh2KK//fMjja3o0L+SNz8N0aDZyn5Ax
CU9RB3EHcTecFgoy5umRj99BZrebR1N0+4gBrivIfdvD4fJNfNBHXwhSH9ACGCNv
HnXVjhQF9iHWApKkRIeh8Fr2n5dtfJEF7SEX8GbX7FbsWo29kXMrVgNqHNyDnfAB
VoPubgQdtJZJkVZAKaHrMu8AytwT62Q4eNqmJI1aWbZQNI5jWYqc6RKuCK6/F99q
thFT9gJ017+yRuL6Uv2/vgzVR1RGdVlKwLujGPAjYflpCQwWMAASxiv9uPyYPHc
ErSrbRG0wjIfAR3vus10S0x3xZHZpXFfmQTsDP7zVR0LzV98R3JwFAXJ4/xqe0N4
vCPFU60sT3lWQ8w7il5ohY95wmujfr6lk89kEzJd0Tzcn7DBBUru33CQMGKZ3Evt
RjsC7FDbl017qxS+ZVA/HGkyfiu4cpgV8VUnbql5eAZ+1Ll6Dw==
=hdPa
-----END PGP PUBLIC KEY BLOCK-----
EOF
hammer gpg create --name "EPEL 7" --organization "$organisation" --key
/root/EPEL_7.pub

```

```

#-----
-----
##Add Subscription & enable Repositories
echo -e "\e[91mAdding Satellite-subscription & enable Repositories..\e[0m"
hammer subscription upload --file="/root/$manifest" --
organization="$organisation" 2>> /var/log/satellite_installation.log

if [ $epel == true ]; then
    echo -e "\e[94mActivating EPEL Repositories..\e[0m"
    hammer product create --name='Extra Packages for Enterprise Linux
(EPEL)' --organization="$organisation"
    hammer repository create --name='EPEL 5 - x86_64' --
organization="$organisation" --product='Extra Packages for Enterprise Linux
(EPEL)' --content-type='yum' --publish-via-http=true --
url=http://ftp.tu-chemnitz.de/pub/linux/fedora-epel/5/x86_64/ --gpg-key
"EPEL 5"
    hammer repository create --name='EPEL 6 - x86_64' --

```

```
organization="$organisation" --product='Extra Packages for Enterprise Linux
(EPEL)' --content-type='yum' --publish-via-http=true --
url=http://ftp.tu-chemnitz.de/pub/linux/fedora-epel/6/x86_64/ --gpg-key
"EPEL 6"
    hammer repository create --name='EPEL 7 - x86_64' --
organization="$organisation" --product='Extra Packages for Enterprise Linux
(EPEL)' --content-type='yum' --publish-via-http=true --
url=http://ftp.tu-chemnitz.de/pub/linux/fedora-epel/7/x86_64/ --gpg-key
"EPEL 7"
    echo ''
else
    echo 'Skipping EPEL Repositories'
fi

if [ $gluster == true ]; then
    echo -e "\e[94mActivating Gluster Repositories..\e[0m"
    hammer product create --name='Gluster Upstream' --
organization="$organisation" --gpg-key Centos-Storage-SIG
    hammer repository create --name='gluster-3.7' --
organization="$organisation" --product='Gluster Upstream' --content-
type='yum' --publish-via-http=true --
url=http://mirror.centos.org/centos/7/storage/x86_64/gluster-3.7/ --gpg-key
Centos-Storage-SIG
    hammer repository create --name='gluster-3.8' --
organization="$organisation" --product='Gluster Upstream' --content-
type='yum' --publish-via-http=true --
url=http://mirror.centos.org/centos/7/storage/x86_64/gluster-3.8/ --gpg-key
Centos-Storage-SIG
    hammer repository create --name='gluster-3.9' --
organization="$organisation" --product='Gluster Upstream' --content-
type='yum' --publish-via-http=true --
url=http://mirror.centos.org/centos/7/storage/x86_64/gluster-3.9/ --gpg-key
Centos-Storage-SIG
    hammer repository create --name='gluster-3.10' --
organization="$organisation" --product='Gluster Upstream' --content-
type='yum' --publish-via-http=true --
url=http://mirror.centos.org/centos/7/storage/x86_64/gluster-3.10/ --gpg-key
Centos-Storage-SIG
    echo ''
else
    echo 'Skipping Gluster Repositories'
fi

if [ $packetfence == true ]; then
    echo -e "\e[94mActivating Packetfence Repositories..\e[0m"
    hammer product create --name='PacketFence' --
organization="$organisation" --gpg-key RPM-GPG-KEY-PACKETFENCE-CENTOS
    hammer repository create --name='packetfence' --
organization="$organisation" --product='PacketFence' --content-type='yum' --
publish-via-http=true --
```



```
url=https://packetfence.org/downloads/PacketFence/RHEL7/x86_64/ --gpg-key
RPM-GPG-KEY-PACKETFENCE-CENTOS
    hammer repository create --name='packetfence-devel' --
organization="$organisation" --product='PacketFence' --content-type='yum' --
publish-via-http=true --
url=https://packetfence.org/downloads/PacketFence/RHEL7/devel/x86_64/ --gpg-
key RPM-GPG-KEY-PACKETFENCE-CENTOS
    hammer repository create --name='packetfence-extra' --
organization="$organisation" --product='PacketFence' --content-type='yum' --
publish-via-http=true --
url=https://packetfence.org/downloads/PacketFence/RHEL7/extra/x86_64/ --gpg-
key RPM-GPG-KEY-PACKETFENCE-CENTOS
    echo ''
else
    echo 'Skipping PacketFence Repositories'
fi

if [ $rhel5 == true ]; then
    echo -e "\e[94mActivating RHEL 5 Repositories..\e[0m"
    hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --releasever='5Server'
--name 'Red Hat Enterprise Linux 5 Server - RH Common (RPMs)'
    hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --releasever='5Server'
--name 'Red Hat Enterprise Linux 5 Server - Optional Productivity
Applications (RPMs)'
    hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --releasever='5Server'
--name 'Red Hat Enterprise Linux 5 Server (RPMs)'
    hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --releasever='5.11' --
name 'Red Hat Enterprise Linux 5 Server (Kickstart)'
    hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --releasever='5Server'
--name 'Red Hat Enterprise Linux 5 Server - Supplementary (RPMs)'
    echo ''
else
    echo 'Skipping Red Hat Enterprise Linux 5 Repositories'
fi

if [ $rhel6 == true ]; then
    echo -e "\e[94mActivating RHEL 6 Repositories..\e[0m"
    hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --releasever='6Server'
--name 'Red Hat Enterprise Linux 6 Server (RPMs)'
    hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --name 'Red Hat
Enterprise Linux 6 Server - Extras (RPMs)'
    hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --releasever='6.6' --
name 'Red Hat Enterprise Linux 6 Server (Kickstart)'
```

```
hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --releasever='6.7' --
name 'Red Hat Enterprise Linux 6 Server (Kickstart)'
```

```
hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --releasever='6.8' --
name 'Red Hat Enterprise Linux 6 Server (Kickstart)'
```

```
hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --releasever='6.6' --
name 'Red Hat Enterprise Linux 6 Server - Optional (RPMs)'
```

```
hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --releasever='6Server'
--name 'Red Hat Enterprise Linux 6 Server - Optional (RPMs)'
```

```
hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --releasever='6.6' --
name 'Red Hat Enterprise Linux 6 Server - RH Common (RPMs)'
```

```
hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --releasever='6Server'
--name 'Red Hat Enterprise Linux 6 Server - RH Common (RPMs)'
```

```
hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --releasever='6.6' --
name 'Red Hat Enterprise Linux 6 Server (RPMs)'
```

```
hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --releasever='6.6' --
name 'Red Hat Enterprise Linux 6 Server - Supplementary (RPMs)'
```

```
hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --releasever='6Server'
--name 'Red Hat Enterprise Linux 6 Server - Supplementary (RPMs)'
```

```
hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server - Extended Update Support' --
basearch='x86_64' --releasever='6.6' --name 'Red Hat Enterprise Linux 6
Server - Extended Update Support (RPMs)'
```

```
hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server - Extended Update Support' --
basearch='x86_64' --releasever='6Server' --name 'Red Hat Enterprise Linux 6
Server - Extended Update Support - Optional (RPMs)'
```

```
echo ''
```

```
else
```

```
    echo 'Skipping Red Hat Enterprise Linux 6 Repositories'
```

```
fi
```

```
if [ $rhel7 == true ]; then
```

```
    echo -e "\e[94mActivating RHEL 7 Repositories..\e[0m"
```

```
    hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server - Extended Update Support' --
basearch='x86_64' --releasever='7Server' --name 'Red Hat Enterprise Linux 7
Server - Extended Update Support - Optional (RPMs)'
```

```
    hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server - Extended Update Support' --
basearch='x86_64' --releasever='7.2' --name 'Red Hat Enterprise Linux 7
Server - Extended Update Support (RPMs)'
```

```
hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --name 'Red Hat
Enterprise Linux 7 Server - Extras (RPMs)'
hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --releasever='7Server'
--name 'Red Hat Enterprise Linux 7 Server (ISOs)'
```

```
hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --releasever='7.2' --
name 'Red Hat Enterprise Linux 7 Server (Kickstart)'
```

```
hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --releasever='7Server'
--name 'Red Hat Enterprise Linux 7 Server - Optional (RPMs)'
```

```
hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --releasever='7Server'
--name 'Red Hat Enterprise Linux 7 Server - RH Common (RPMs)'
```

```
hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --releasever='7Server'
--name 'Red Hat Enterprise Linux 7 Server (RPMs)'
```

```
hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --releasever='7Server'
--name 'Red Hat Enterprise Linux 7 Server - Supplementary (RPMs)'
```

```
echo ''
else
echo 'Skipping Red Hat Enterprise Linux 7 Repositories'
fi

if [ $other == true ]; then
echo -e "\e[94mActivating Other RHEL Repositories..\e[0m"
hammer product create --name='Post Packages' --
organization="$organisation" --gpg-key "Post Packages Key"
hammer product create --name='Post Puppet Modules' --
organization="$organisation"
hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux for SAP Hana' --basearch='x86_64' --
releasever='7.2' --name 'Red Hat Enterprise Linux for SAP HANA (RHEL 7
Server) (RPMs)'
```

```
hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux for SAP Hana' --basearch='x86_64' --
releasever='6.6' --name 'RHEL for SAP HANA (for RHEL 6 Server) (RPMs)'
```

```
hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux for SAP Hana' --basearch='x86_64' --
releasever='6.8' --name 'RHEL for SAP HANA (for RHEL 6 Server) (RPMs)'
```

```
hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux High Availability for RHEL Server' --
basearch='x86_64' --releasever='7Server' --name 'Red Hat Enterprise Linux
High Availability (for RHEL 7 Server) (RPMs)'
```

```
hammer repository-set enable --organization "$organisation" --product
'Red Hat OpenShift Container Platform' --basearch='x86_64' --name 'Red Hat
OpenShift Container Platform 3.3 (RPMs)'
```

```
hammer repository-set enable --organization "$organisation" --product
'Red Hat OpenShift Container Platform' --basearch='x86_64' --name 'Red Hat
```

```
OpenShift Container Platform 3.4 (RPMs)'
    hammer repository-set enable --organization "$organisation" --product
'Red Hat OpenShift Container Platform' --basearch='x86_64' --name 'Red Hat
OpenShift Container Platform 3.5 (RPMs)'

    hammer repository-set enable --organization "$organisation" --product
'Red Hat OpenShift Container Platform' --basearch='x86_64' --name 'Red Hat
OpenShift Enterprise 3.1 (RPMs)'
    hammer repository-set enable --organization "$organisation" --product
'Red Hat OpenShift Container Platform' --basearch='x86_64' --name 'Red Hat
OpenShift Enterprise 3.2 (RPMs)'

    hammer repository-set enable --organization "$organisation" --product
'Red Hat Software Collections for RHEL Server' --basearch='x86_64' --name
'Red Hat Software Collections RPMs for Red Hat Enterprise Linux 7 Server' --
releasever='7Server'

    hammer repository-set enable --organization "$organisation" --product
'Red Hat Satellite' --basearch='x86_64' --name 'Red Hat Satellite 6.2 (for
RHEL 7 Server) (RPMs)'
    hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --name 'Red Hat
Satellite Tools 6.2 (for RHEL 6 Server) (RPMs)'
    hammer repository-set enable --organization "$organisation" --product
'Red Hat Enterprise Linux Server' --basearch='x86_64' --name 'Red Hat
Satellite Tools 6.2 (for RHEL 7 Server) (RPMs)'
    hammer repository-set enable --organization "$organisation" --product
'Red Hat Satellite Capsule' --basearch='x86_64' --name 'Red Hat Satellite
Capsule 6.2 (for RHEL 7 Server) (RPMs)'

    hammer repository-set enable --organization "$organisation" --product
'RHEL for SAP HANA - Extended Update Support' --basearch='x86_64' --
releasever='6.6' --name 'RHEL for SAP HANA (for RHEL 6 Server) Extended
Update Support (RPMs)'

    echo ''
else
    echo 'Skipping other Red Hat Enterprise Linux Repositories'
fi

#-----
-----
###Create the lifecycle-environments
echo -e "\e[91mCreate the lifecycle-environments..\e[0m"
hammer lifecycle-environment create --name='Engineering' --
label='Engineering' --prior='Library' --organization="$organisation"
hammer lifecycle-environment create --name='Test/Integration' --
label='Test_Integration' --prior='Engineering' --
organization="$organisation"
hammer lifecycle-environment create --name='Production' --label='Production'
```

```
--prior='Test/Integration' --organization="$organisation"
hammer lifecycle-environment create --name='SPS Production' --
label='SPS_Production' --prior='Library' --organization="$organisation"

###Create synchronization plans
echo -e "\e[91mCreate synchronization plans..\e[0m"
hammer sync-plan create --name='EPEL Daily Sync' --interval=daily --
description='Sync EPEL daily' --organization="$organisation" --enabled=1 --
sync-date='2017-01-01'
hammer sync-plan create --name='PacketFence Sync' --interval=daily --
description='Sync PacketFence daily' --organization="$organisation" --
enabled=1 --sync-date='2017-01-01'
hammer sync-plan create --name='Red Hat Products Daily Sync' --
interval=daily --description='Sync Red Hat products on a daily basis.' --
organization="$organisation" --enabled=1 --sync-date='2017-01-01'

##Assign plans with products:
echo -e "\e[91mAssign plans with products..\e[0m"
hammer product set-sync-plan --sync-plan='EPEL Daily Sync' --
organization="$organisation" --name='Gluster Upstream'
hammer product set-sync-plan --sync-plan='EPEL Daily Sync' --
organization="$organisation" --name='Extra Packages for Enterprise Linux
(EPEL)'
hammer product set-sync-plan --sync-plan='PacketFence Sync' --
organization="$organisation" --name='PacketFence'
hammer product set-sync-plan --sync-plan='Red Hat Products Daily Sync' --
organization="$organisation" --name='Red Hat Satellite'
hammer product set-sync-plan --sync-plan='Red Hat Products Daily Sync' --
organization="$organisation" --name='Red Hat Enterprise Linux Server'
hammer product set-sync-plan --sync-plan='Red Hat Products Daily Sync' --
organization="$organisation" --name='Red Hat Satellite Capsule'
hammer product set-sync-plan --sync-plan='Red Hat Products Daily Sync' --
organization="$organisation" --name='Red Hat Enterprise Linux for SAP Hana'
hammer product set-sync-plan --sync-plan='Red Hat Products Daily Sync' --
organization="$organisation" --name='Red Hat OpenShift Container Platform'
hammer product set-sync-plan --sync-plan='Red Hat Products Daily Sync' --
organization="$organisation" --name='Red Hat Software Collections for RHEL
Server'
hammer product set-sync-plan --sync-plan='Red Hat Products Daily Sync' --
organization="$organisation" --name='Red Hat Enterprise Linux Server -
Extended Update Support'
hammer product set-sync-plan --sync-plan='Red Hat Products Daily Sync' --
organization="$organisation" --name='RHEL for SAP HANA - Extended Update
Support'

#-----
-----
##Create Content Views..
echo -e "\e[91mCreate Content Views..\e[0m"
hammer content-view create --name='cv-rhel5' --organization="$organisation"
hammer content-view create --name='cv-rhel6' --organization="$organisation"
```

```
hammer content-view create --name='cv-rhel7' --organization="$organisation"
hammer content-view create --name='cv-rhel-sps' --
organization="$organisation"
hammer content-view create --name='cv-rhel-sap-hana' --
organization="$organisation"
hammer content-view create --name='cv-rhel' --organization="$organisation"
hammer content-view create --name='cv-puppetmodules' --
organization="$organisation"
hammer content-view create --name='cv-post' --organization="$organisation"
hammer content-view create --name='cv-openshift3' --
organization="$organisation"
hammer content-view create --name='cv-gluster-upstream' --
organization="$organisation"
hammer content-view create --name='cv-app-capsule' --
organization="$organisation"

##Assign Repositories to new Content Views
echo -e "\e[91mAssign Repositories to new Content Views..\e[0m"
hammer content-view add-repository --name='cv-rhel5' --
organization="$organisation" --repository='EPEL 5 - x86_64' --product='Extra
Packages for Enterprise Linux (EPEL)'
hammer content-view add-repository --name='cv-rhel5' --
organization="$organisation" --repository='Red Hat Enterprise Linux 5 Server
Kickstart x86_64 5.11' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel5' --
organization="$organisation" --repository='Red Hat Enterprise Linux 5 Server
- Optional Productivity Applications RPMs x86_64 5Server' --product='Red Hat
Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel5' --
organization="$organisation" --repository='Red Hat Enterprise Linux 5 Server
- RH Common RPMs x86_64 5Server' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel5' --
organization="$organisation" --repository='Red Hat Enterprise Linux 5 Server
RPMs x86_64 5Server' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel5' --
organization="$organisation" --repository='Red Hat Enterprise Linux 5 Server
- Supplementary RPMs x86_64 5Server' --product='Red Hat Enterprise Linux
Server'

hammer content-view add-repository --name='cv-rhel6' --
organization="$organisation" --repository='EPEL 6 - x86_64' --product='Extra
Packages for Enterprise Linux (EPEL)'
hammer content-view add-repository --name='cv-rhel6' --
organization="$organisation" --repository='Red Hat Enterprise Linux 6 Server
- Extended Update Support RPMs x86_64 6.6' --product='Red Hat Enterprise
Linux Server - Extended Update Support'
hammer content-view add-repository --name='cv-rhel6' --
organization="$organisation" --repository='Red Hat Enterprise Linux 6 Server
- Extras RPMs x86_64' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel6' --
```

```
organization="$organisation" --repository='Red Hat Enterprise Linux 6 Server
Kickstart x86_64 6.7' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel6' --
organization="$organisation" --repository='Red Hat Enterprise Linux 6 Server
- Optional RPMs x86_64 6Server' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel6' --
organization="$organisation" --repository='Red Hat Enterprise Linux 6 Server
- RH Common RPMs x86_64 6.6' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel6' --
organization="$organisation" --repository='Red Hat Enterprise Linux 6 Server
- RH Common RPMs x86_64 6Server' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel6' --
organization="$organisation" --repository='Red Hat Enterprise Linux 6 Server
RPMs x86_64 6Server' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel6' --
organization="$organisation" --repository='Red Hat Enterprise Linux 6 Server
- Supplementary RPMs x86_64 6.6' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel6' --
organization="$organisation" --repository='Red Hat Enterprise Linux 6 Server
- Supplementary RPMs x86_64 6Server' --product='Red Hat Enterprise Linux
Server'
hammer content-view add-repository --name='cv-rhel6' --
organization="$organisation" --repository='Red Hat Satellite Tools 6.2 for
RHEL 6 Server RPMs x86_64' --product='Red Hat Enterprise Linux Server'

hammer content-view add-repository --name='cv-rhel7' --
organization="$organisation" --repository='EPEL 7 - x86_64' --product='Extra
Packages for Enterprise Linux (EPEL)'
hammer content-view add-repository --name='cv-rhel7' --
organization="$organisation" --repository='Red Hat Enterprise Linux 7 Server
- Extras RPMs x86_64' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel7' --
organization="$organisation" --repository='Red Hat Enterprise Linux 7 Server
Kickstart x86_64 7.2' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel7' --
organization="$organisation" --repository='Red Hat Enterprise Linux 7 Server
- Optional RPMs x86_64 7Server' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel7' --
organization="$organisation" --repository='Red Hat Enterprise Linux 7 Server
- RH Common RPMs x86_64 7Server' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel7' --
organization="$organisation" --repository='Red Hat Enterprise Linux 7 Server
RPMs x86_64 7Server' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel7' --
organization="$organisation" --repository='Red Hat Enterprise Linux 7 Server
- Supplementary RPMs x86_64 7Server' --product='Red Hat Enterprise Linux
Server'
hammer content-view add-repository --name='cv-rhel7' --
organization="$organisation" --repository='Red Hat Satellite 6.2 for RHEL 7
Server RPMs x86_64' --product='Red Hat Satellite'
hammer content-view add-repository --name='cv-rhel7' --
```

```
organization="$organisation" --repository='Red Hat Satellite Tools 6.2 for RHEL 7 Server RPMs x86_64' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel7' --
organization="$organisation" --repository='Red Hat Software Collections RPMs for Red Hat Enterprise Linux 7 Server x86_64 7Server' --product='Red Hat Software Collections for RHEL Server'
```

```
hammer content-view add-repository --name='cv-rhel-sps' --
organization="$organisation" --repository='Red Hat Enterprise Linux 7 Server - Extras RPMs x86_64' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel-sps' --
organization="$organisation" --repository='Red Hat Enterprise Linux 7 Server - Optional RPMs x86_64 7Server' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel-sps' --
organization="$organisation" --repository='Red Hat Enterprise Linux 7 Server RPMs x86_64 7Server' --product='Red Hat Enterprise Linux Server'
```

```
hammer content-view add-repository --name='cv-rhel-sap-hana' --
organization="$organisation" --repository='Red Hat Enterprise Linux 6 Server - Extended Update Support RPMs x86_64 6.6' --product='Red Hat Enterprise Linux Server - Extended Update Support'
hammer content-view add-repository --name='cv-rhel-sap-hana' --
organization="$organisation" --repository='Red Hat Enterprise Linux 6 Server Kickstart x86_64 6.6' --product='Red Hat Enterprise Linux Server'
```

```
hammer content-view add-repository --name='cv-rhel-sap-hana' --
organization="$organisation" --repository='Red Hat Enterprise Linux 7 Server - Extended Update Support - Optional RPMs x86_64 7Server' --product='Red Hat Enterprise Linux Server - Extended Update Support'
```

```
hammer content-view add-repository --name='cv-rhel-sap-hana' --
organization="$organisation" --repository='Red Hat Enterprise Linux 7 Server - Extended Update Support RPMs x86_64 7.2' --product='Red Hat Enterprise Linux Server - Extended Update Support'
```

```
hammer content-view add-repository --name='cv-rhel-sap-hana' --
organization="$organisation" --repository='Red Hat Enterprise Linux 7 Server - Extras RPMs x86_64' --product='Red Hat Enterprise Linux Server'
```

```
hammer content-view add-repository --name='cv-rhel-sap-hana' --
organization="$organisation" --repository='Red Hat Enterprise Linux for SAP HANA RHEL 7 Server RPMs x86_64 7.2' --product='Red Hat Enterprise Linux for SAP Hana'
```

```
hammer content-view add-repository --name='cv-rhel-sap-hana' --
organization="$organisation" --repository='Red Hat Satellite Tools 6.2 for RHEL 6 Server RPMs x86_64' --product='Red Hat Enterprise Linux Server'
```

```
hammer content-view add-repository --name='cv-rhel-sap-hana' --
organization="$organisation" --repository='RHEL for SAP HANA for RHEL 6 Server RPMs x86_64 6.6' --product='Red Hat Enterprise Linux for SAP Hana'
```

```
hammer content-view add-repository --name='cv-rhel' --
organization="$organisation" --repository='Red Hat Enterprise Linux 5 Server
```



```
- Optional Productivity Applications RPMs x86_64 5Server' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel' --
organization="$organisation" --repository='Red Hat Enterprise Linux 5 Server - RH Common RPMs x86_64 5Server' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel' --
organization="$organisation" --repository='Red Hat Enterprise Linux 5 Server RPMs x86_64 5Server' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel' --
organization="$organisation" --repository='Red Hat Enterprise Linux 5 Server - Supplementary RPMs x86_64 5Server' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel' --
organization="$organisation" --repository='Red Hat Enterprise Linux 6 Server - Extras RPMs x86_64' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel' --
organization="$organisation" --repository='Red Hat Enterprise Linux 6 Server Kickstart x86_64 6.6' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel' --
organization="$organisation" --repository='Red Hat Enterprise Linux 6 Server - Optional RPMs x86_64 6.6' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel' --
organization="$organisation" --repository='Red Hat Enterprise Linux 6 Server - Optional RPMs x86_64 6Server' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel' --
organization="$organisation" --repository='Red Hat Enterprise Linux 6 Server - RH Common RPMs x86_64 6.6' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel' --
organization="$organisation" --repository='Red Hat Enterprise Linux 6 Server - RH Common RPMs x86_64 6Server' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel' --
organization="$organisation" --repository='Red Hat Enterprise Linux 6 Server RPMs x86_64 6.6' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel' --
organization="$organisation" --repository='Red Hat Enterprise Linux 6 Server RPMs x86_64 6Server' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel' --
organization="$organisation" --repository='Red Hat Enterprise Linux 6 Server - Supplementary RPMs x86_64 6.6' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel' --
organization="$organisation" --repository='Red Hat Enterprise Linux 6 Server - Supplementary RPMs x86_64 6Server' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel' --
organization="$organisation" --repository='Red Hat Enterprise Linux 7 Server - Extras RPMs x86_64' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel' --
organization="$organisation" --repository='Red Hat Enterprise Linux 7 Server Kickstart x86_64 7.2' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel' --
organization="$organisation" --repository='Red Hat Enterprise Linux 7 Server
```

```
- Optional RPMs x86_64 7Server' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel' --
organization="$organisation" --repository='Red Hat Enterprise Linux 7 Server
- RH Common RPMs x86_64 7Server' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel' --
organization="$organisation" --repository='Red Hat Enterprise Linux 7 Server
RPMs x86_64 7Server' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel' --
organization="$organisation" --repository='Red Hat Enterprise Linux 7 Server
- Supplementary RPMs x86_64 7Server' --product='Red Hat Enterprise Linux
Server'
hammer content-view add-repository --name='cv-rhel' --
organization="$organisation" --repository='Red Hat Satellite Tools 6.2 for
RHEL 6 Server RPMs x86_64' --product='Red Hat Enterprise Linux Server'
hammer content-view add-repository --name='cv-rhel' --
organization="$organisation" --repository='Red Hat Satellite Tools 6.2 for
RHEL 7 Server RPMs x86_64' --product='Red Hat Enterprise Linux Server'

hammer content-view add-repository --name='cv-openshift3' --
organization="$organisation" --repository='Red Hat OpenShift Enterprise 3.1
RPMs x86_64' --product='Red Hat OpenShift Container Platform'
hammer content-view add-repository --name='cv-openshift3' --
organization="$organisation" --repository='Red Hat OpenShift Enterprise 3.2
RPMs x86_64' --product='Red Hat OpenShift Container Platform'
hammer content-view add-repository --name='cv-openshift3' --
organization="$organisation" --repository='Red Hat OpenShift Container
Platform 3.3 RPMs x86_64' --product='Red Hat OpenShift Container Platform'
hammer content-view add-repository --name='cv-openshift3' --
organization="$organisation" --repository='Red Hat OpenShift Container
Platform 3.4 RPMs x86_64' --product='Red Hat OpenShift Container Platform'
hammer content-view add-repository --name='cv-openshift3' --
organization="$organisation" --repository='Red Hat OpenShift Container
Platform 3.5 RPMs x86_64' --product='Red Hat OpenShift Container Platform'

hammer content-view add-repository --name='cv-gluster-upstream' --
organization="$organisation" --repository='gluster-3.8' --product='Gluster
Upstream'
hammer content-view add-repository --name='cv-gluster-upstream' --
organization="$organisation" --repository='gluster-3.10' --product='Gluster
Upstream'

hammer content-view add-repository --name='cv-app-capsule' --
organization="$organisation" --repository='Red Hat Satellite Capsule 6.2 for
RHEL 7 Server RPMs x86_64' --product='Red Hat Satellite Capsule'

##Publishing Content Views
echo -e "\e[91mPublishing new Content Views..\e[0m"
hammer content-view publish --name='cv-rhel5' --organization="$organisation"
--async
```

```
hammer content-view publish --name='cv-rhel6' --organization="$organisation"
--async
hammer content-view publish --name='cv-rhel7' --organization="$organisation"
--async
hammer content-view publish --name='cv-rhel-sps' --
organization="$organisation" --async
hammer content-view publish --name='cv-rhel-sap-hana' --
organization="$organisation" --async
hammer content-view publish --name='cv-rhel' --organization="$organisation"
--async
hammer content-view publish --name='cv-puppetmodules' --
organization="$organisation" --async
hammer content-view publish --name='cv-post' --organization="$organisation"
--async
hammer content-view publish --name='cv-openshift3' --
organization="$organisation" --async
hammer content-view publish --name='cv-gluster-upstream' --
organization="$organisation" --async
hammer content-view publish --name='cv-app-capsule' --
organization="$organisation" --async

##Create Composit Content Views & Assign Content Views to Composit Content
Views
echo -e "\e[91mCreate Composit Content Views & assign Content Views to
Composit Content Views..\e[0m"
hammer content-view list --organization="$organisation" > /tmp/cwList

hammer content-view create --name='ccv-rhel7-openshift3' --
organization="$organisation" --composite --component-ids="$(awk '/cv-
rhel7/{print $1}' /tmp/cwList),$(awk '/cv-post/{print $1}'
/tmp/cwList),$(awk '/cv-openshift3/{print $1}' /tmp/cwList),$(awk '/cv-
puppetmodules/{print $1}' /tmp/cwList)"
hammer content-view create --name='ccv-rhel7-basic' --
organization="$organisation" --composite
hammer content-view create --name='ccv-rhel6.6-sap-hana' --
organization="$organisation" --composite
hammer content-view create --name='ccv-rhel6-basic' --
organization="$organisation" --composite
hammer content-view create --name='ccv-rhel5-basic' --
organization="$organisation" --composite
hammer content-view create --name='ccv-infra-capsule' --
organization="$organisation" --composite --component-ids="$(awk '/cv-
rhel7/{print $1}' /tmp/cwList),$(awk '/cv-app-capsule/{print $1}'
/tmp/cwList)"

##Publishing Composit Content Views.
echo -e "\e[91mPublishing new Composit Content Views..\e[0m"
hammer content-view publish --name='ccv-rhel7-openshift3' --
organization="$organisation" --async
```

```
hammer content-view publish --name='ccv-rhel7-basic' --
organization="$organisation" --async
hammer content-view publish --name='ccv-rhel6.6-sap-hana' --
organization="$organisation" --async
hammer content-view publish --name='ccv-rhel6-basic' --
organization="$organisation" --async
hammer content-view publish --name='ccv-rhel5-basic' --
organization="$organisation" --async
hammer content-view publish --name='ccv-infra-capsule' --
organization="$organisation" --async

#-----
-----

while hammer task list | grep -q 'pending.*Publish' ; do

    echo -e "\e[91mWaiting to complete Content View creation..\e[0m"
    sleep 10;
done 2>/dev/null

###Promote Content Views to LifeCycle
echo -e "\e[91mPromote Content Views to LifeCycle..\e[0m"
hammer content-view version promote --organization="$organisation" --to-
lifecycle-environment='Engineering' --content-view='ccv-rhel7-basic' --async

function waitToComplete {
    while hammer task list | grep -q 'pending.*Promotion' ; do

        echo -e "\e[91mWaiting to complete Content View promotion..\e[0m"
        sleep 10;
    done 2>/dev/null
}

waitToComplete
hammer content-view version promote --organization="$organisation" --to-
lifecycle-environment='Engineering' --content-view='ccv-rhel7-openshift3' --
async
waitToComplete
hammer content-view version promote --organization="$organisation" --to-
lifecycle-environment='Engineering' --content-view='cv-openshift3' --async
waitToComplete
hammer content-view version promote --organization="$organisation" --to-
lifecycle-environment='Engineering' --content-view='cv-rhel-sap-hana' --
async
waitToComplete
hammer content-view version promote --organization="$organisation" --to-
lifecycle-environment='Test/Integration' --content-view='ccv-rhel7-basic' --
async
waitToComplete
hammer content-view version promote --organization="$organisation" --to-
```

```
lifecycle-environment='Production' --content-view='ccv-rhel7-basic' --async
waitToComplete
hammer content-view version promote --organization="$organisation" --to-
lifecycle-environment='SPS Production' --content-view='cv-rhel-sps' --async
waitToComplete

#-----
-----

##Create Activation Keys:
echo -e "\e[91mCreate Activation Keys..\e[0m"
hammer activation-key create --name='act-rhel7' --unlimited-hosts --
lifecycle-environment='Library' --organization="$organisation" --content-
view='ccv-rhel7-basic'
hammer activation-key create --name='act-rhel7-engineering' --unlimited-
hosts --lifecycle-environment='Engineering' --organization="$organisation" --
-content-view='ccv-rhel7-basic'
hammer activation-key create --name='act-rhel7-openshift3' --unlimited-hosts
--lifecycle-environment='Library' --organization="$organisation" --content-
view='ccv-rhel7-openshift3'

hammer activation-key create --name='act-rhel7-production' --unlimited-hosts
--lifecycle-environment='Production' --organization="$organisation" --
content-view='ccv-rhel7-basic'

hammer activation-key create --name='act-rhel7-swiss-post-solutions-prod' --
max-hosts='60' --lifecycle-environment='SPS Production' --
organization="$organisation" --content-view='cv-rhel-sps'

hammer activation-key create --name='act-rhel7-swiss-post-solutions-test' --
max-hosts='10' --lifecycle-environment='Library' --
organization="$organisation" --content-view='cv-rhel-sps'
hammer activation-key create --name='act-rhel7-test-integration' --
unlimited-hosts --lifecycle-environment='Test/Integration' --
organization="$organisation" --content-view='ccv-rhel7-basic'

## Update Release Versions of Keys:
echo -e "\e[91mUpdating Release Versions of Keys..\e[0m"
hammer activation-key update --release-version='7Server' --
organization="$organisation" --name='act-rhel7'
hammer activation-key update --release-version='7Server' --
organization="$organisation" --name='act-rhel7-engineering'
hammer activation-key update --release-version='7Server' --
organization="$organisation" --name='act-rhel7-openshift3'
#---->> activation_key not found
hammer activation-key update --release-version='7Server' --
organization="$organisation" --name='act-rhel7-production'

hammer activation-key update --release-version='' --
organization="$organisation" --name='act-rhel7-swiss-post-solutions-prod'
```

```
hammer activation-key update --release-version='' --  
organization="$organisation" --name='act-rhel7-swiss-post-solutions-test'  
hammer activation-key update --release-version='7Server' --  
organization="$organisation" --name='act-rhel7-test-integration'
```

```
#-----  
-----
```

```
##Synchronizise & Update all Repositories:
```

```
echo -e "\e[91mSynchronizing & updating all repositories..\e[0m"  
for i in $(hammer --csv repository list --organization="$organisation" |  
awk -F, 'BEGIN{ IGNORECASE=1} !/^ID/ {print $1}'); do hammer repository  
synchronize --id ${i} --organization="$organisation" --async; done
```

Last update: **2017/09/04 13:44**