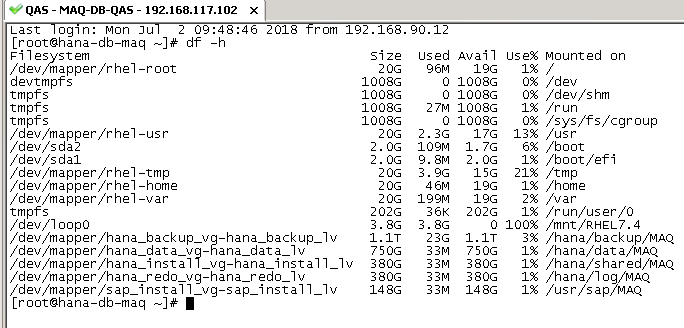
HANA DATABASE (yMKT – BW – BI) on QAS Env

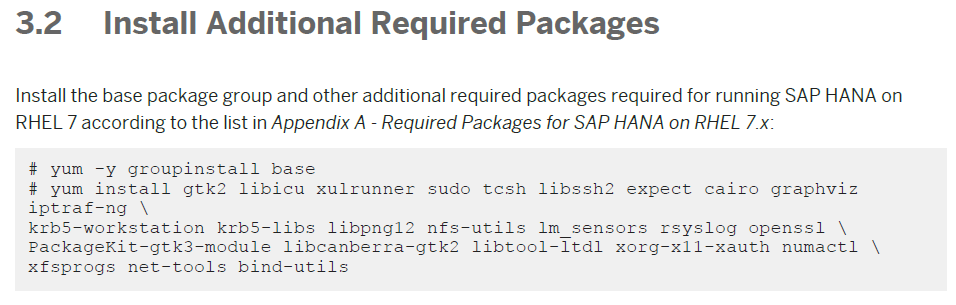
SAP HANA Platform Edition 2.0 SPS02 rev24.03

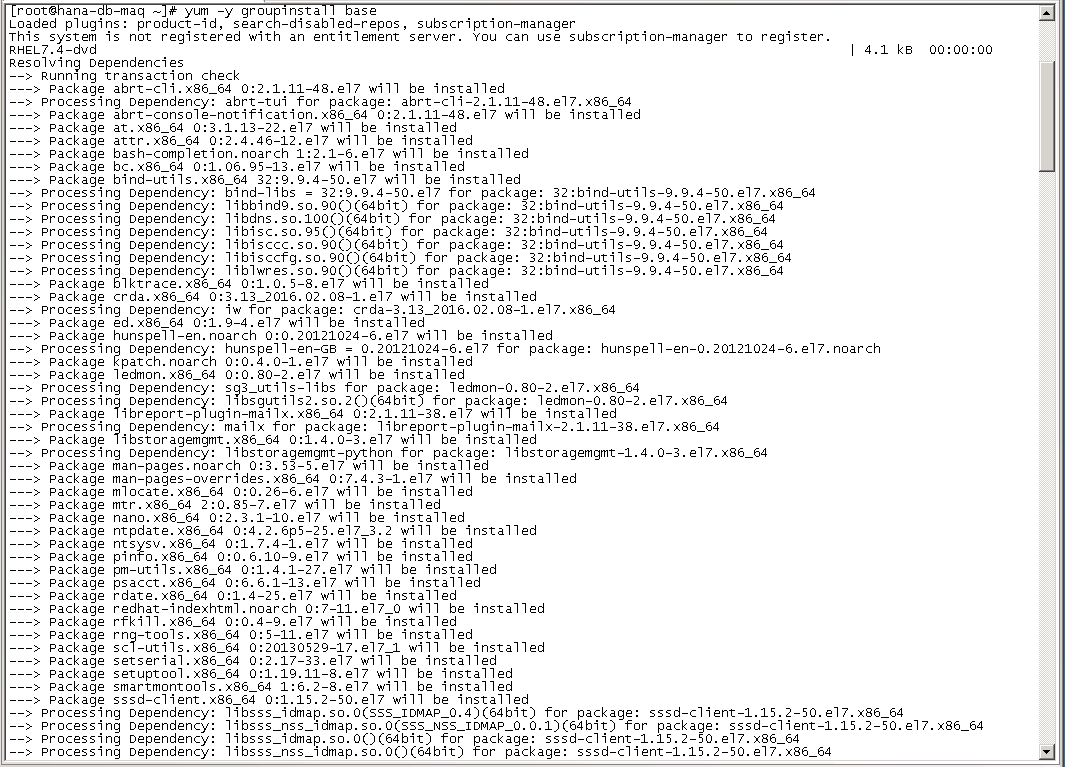
# Preparation

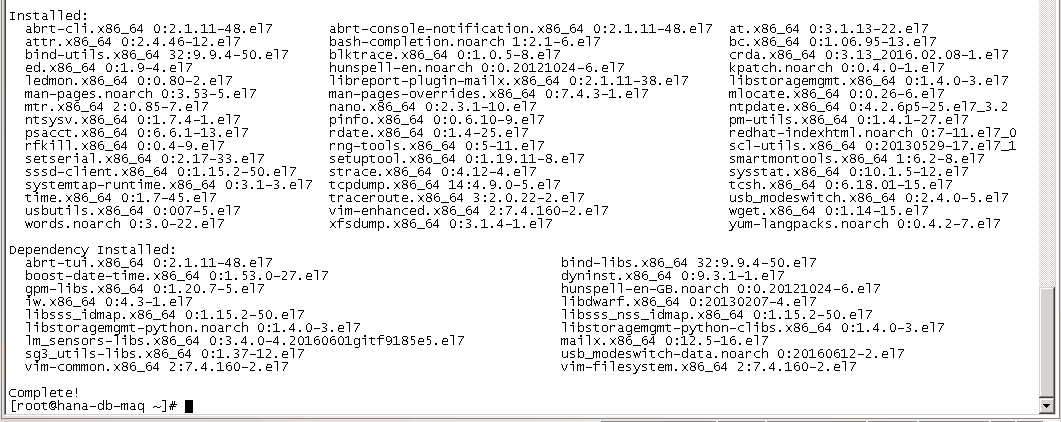


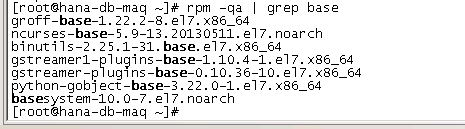
## Install linux packages

### Base

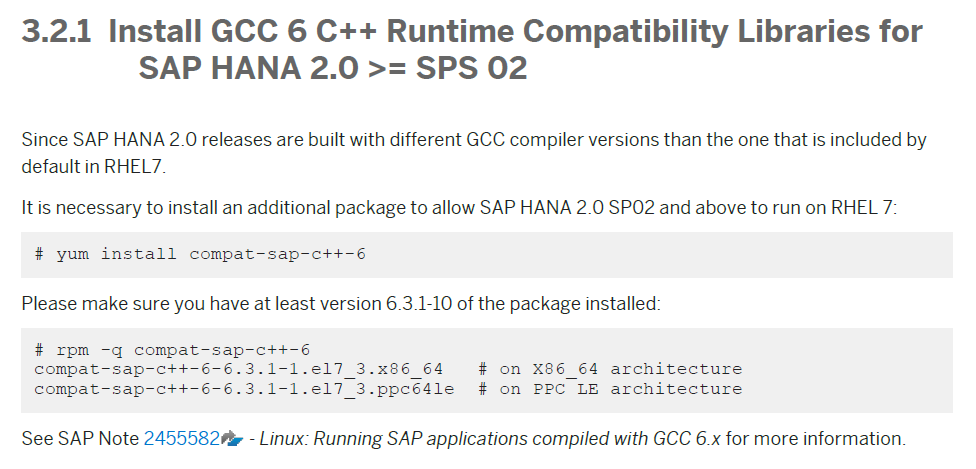






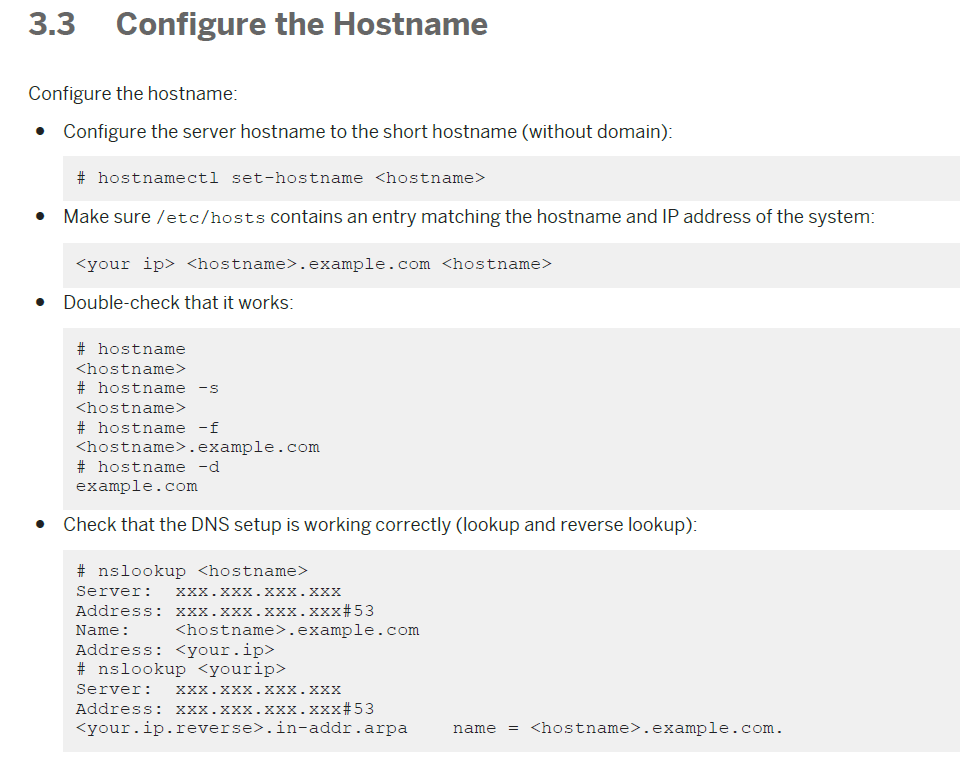


### GCC 6 C++



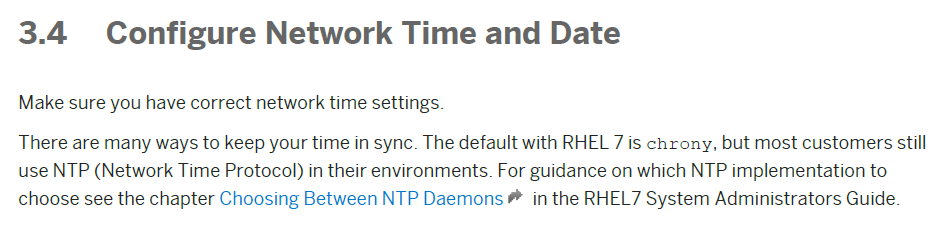


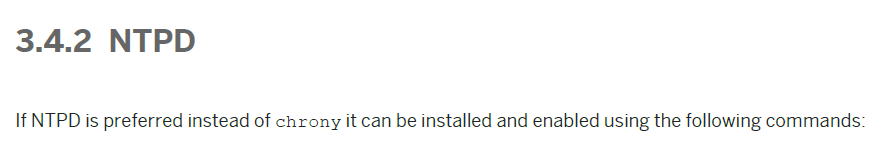
## Hostname

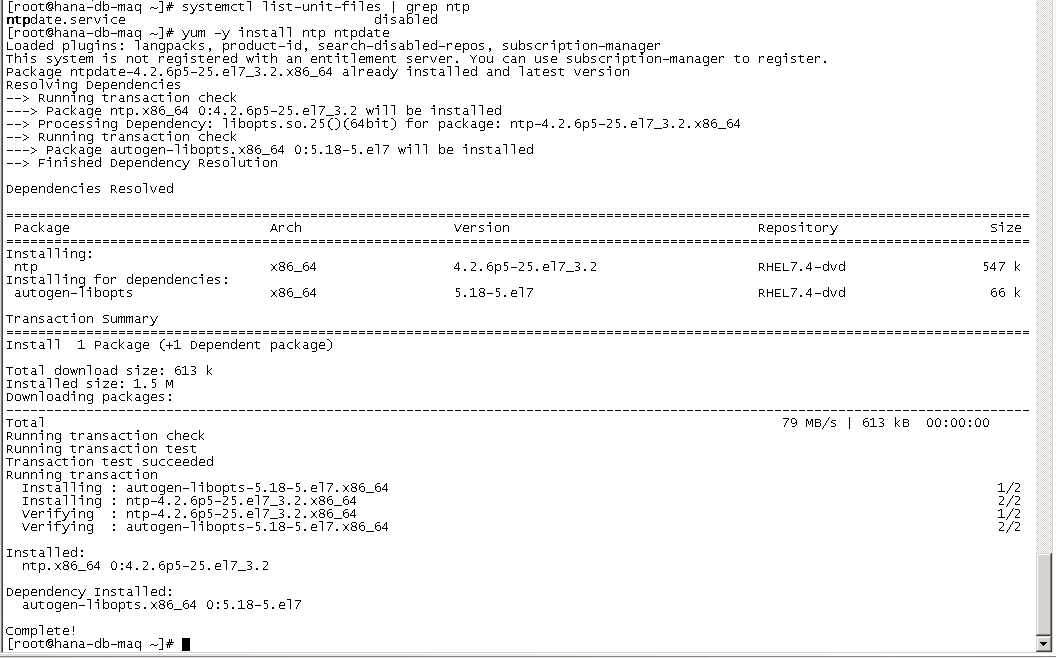


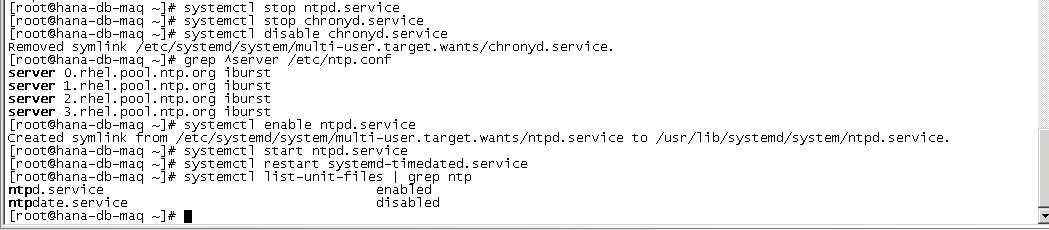


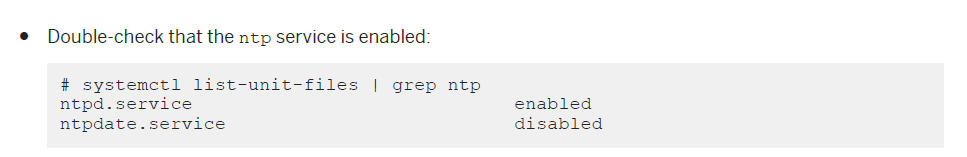
Network time with NTPD

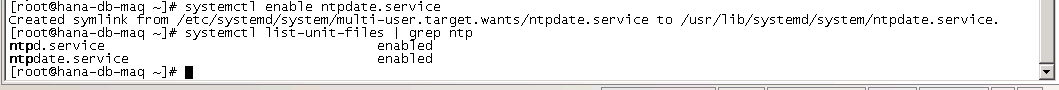




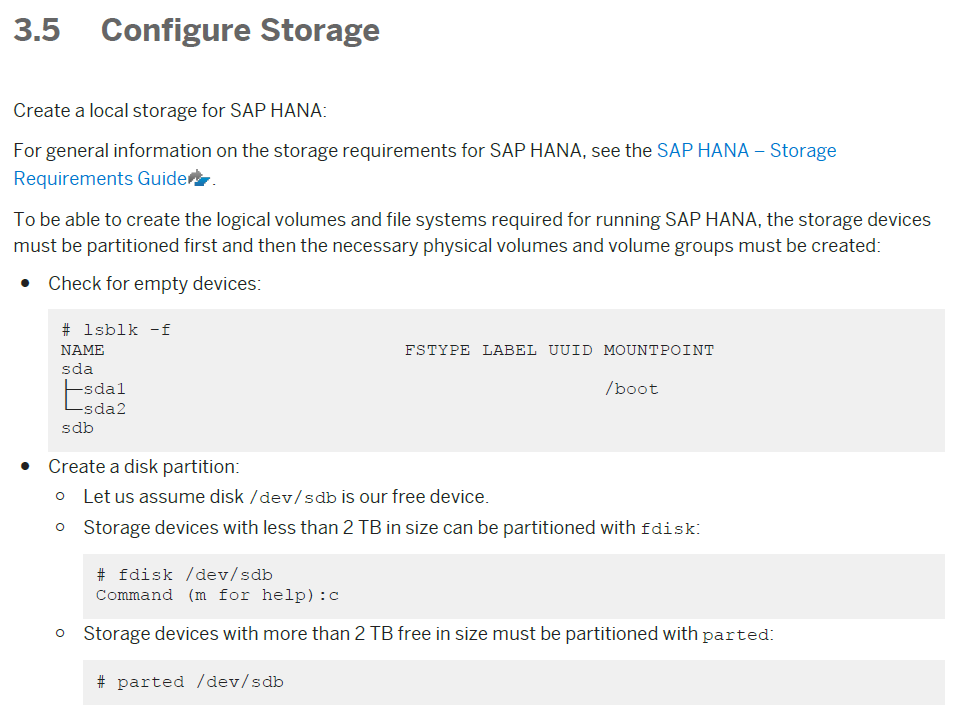


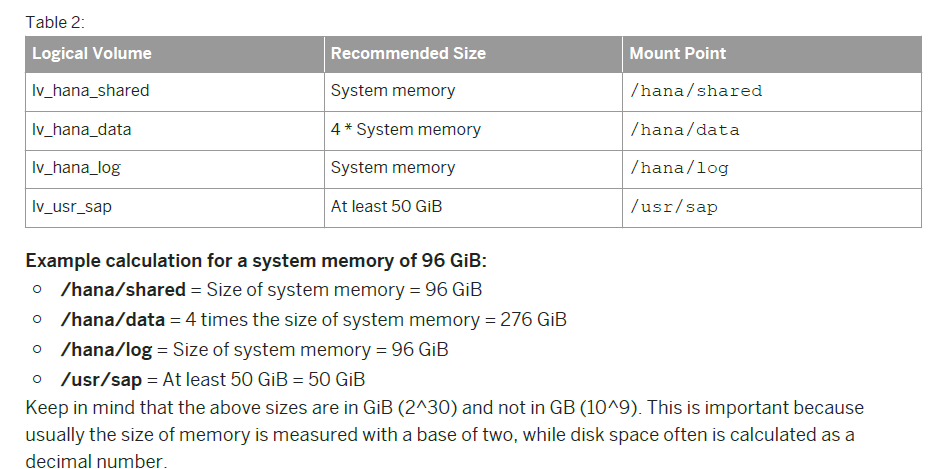


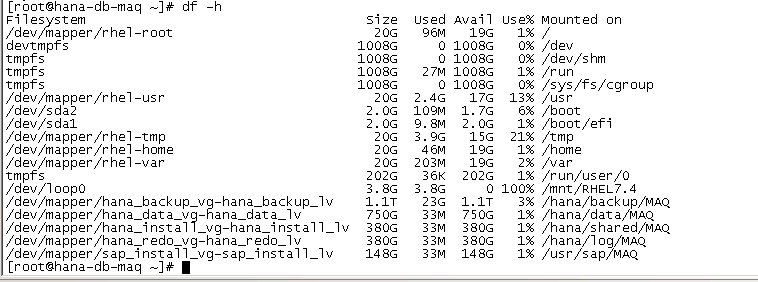


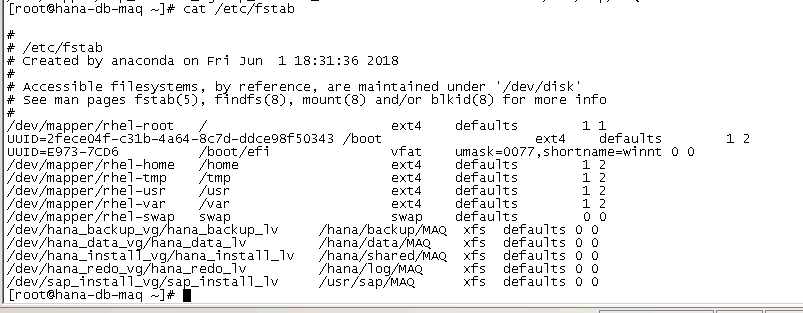


## Storage

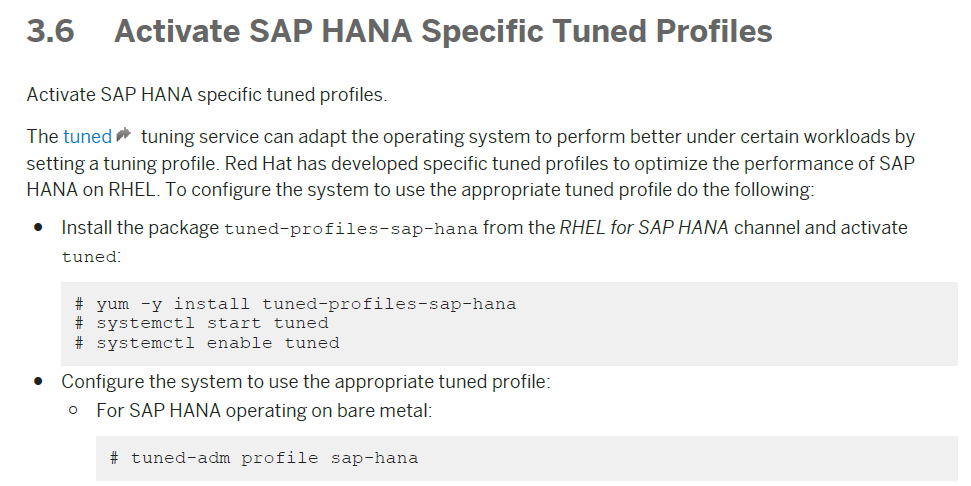




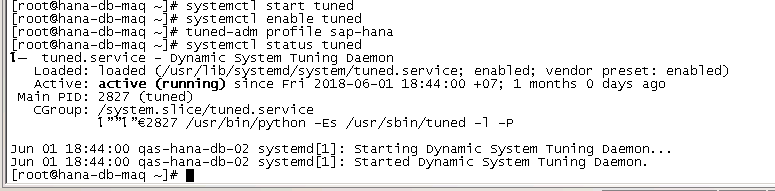




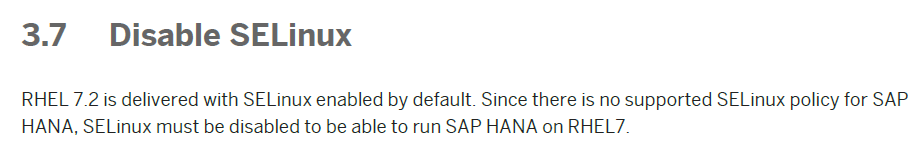
## Activate SAP HANA Specific Tuned Profiles

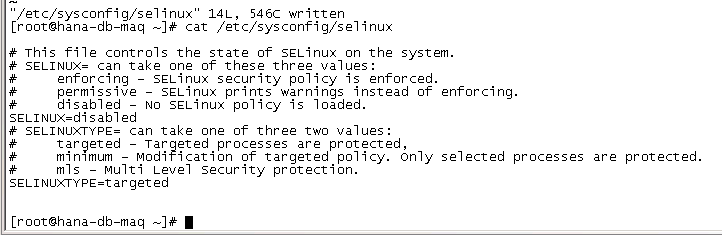




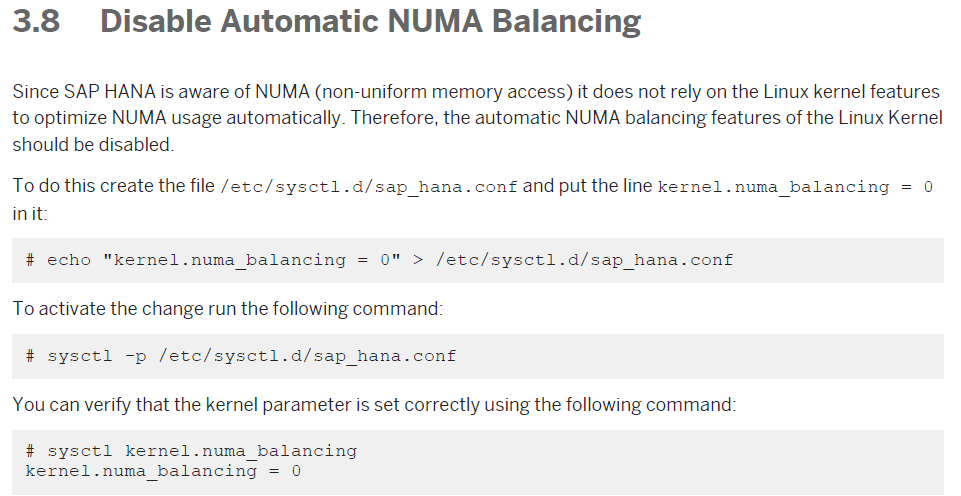


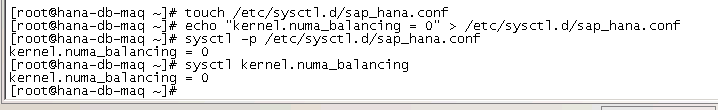
## Disable SELinux

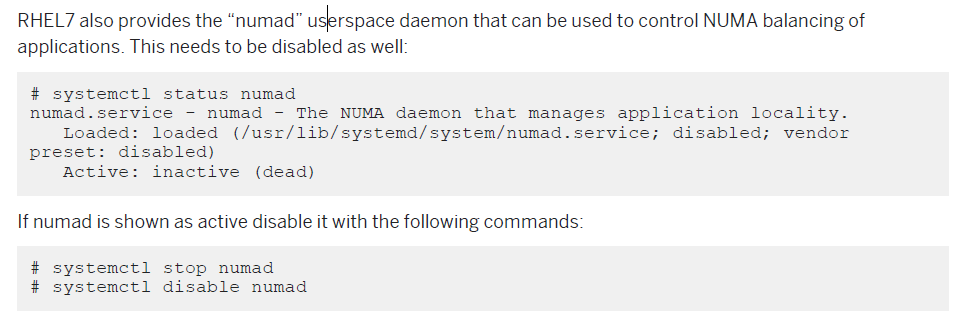


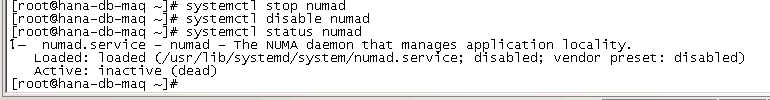


## Disable Automatic NUMA Balancing

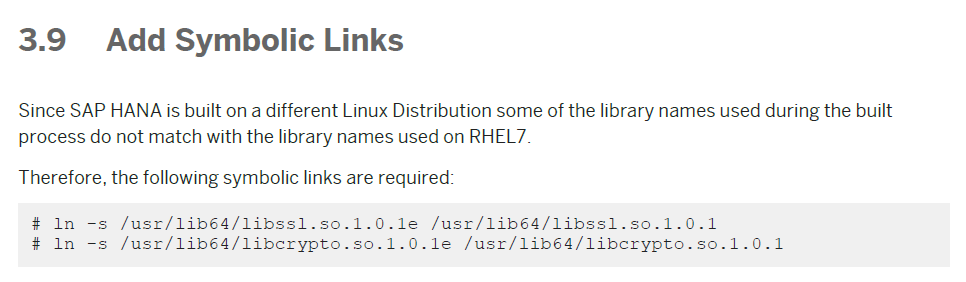






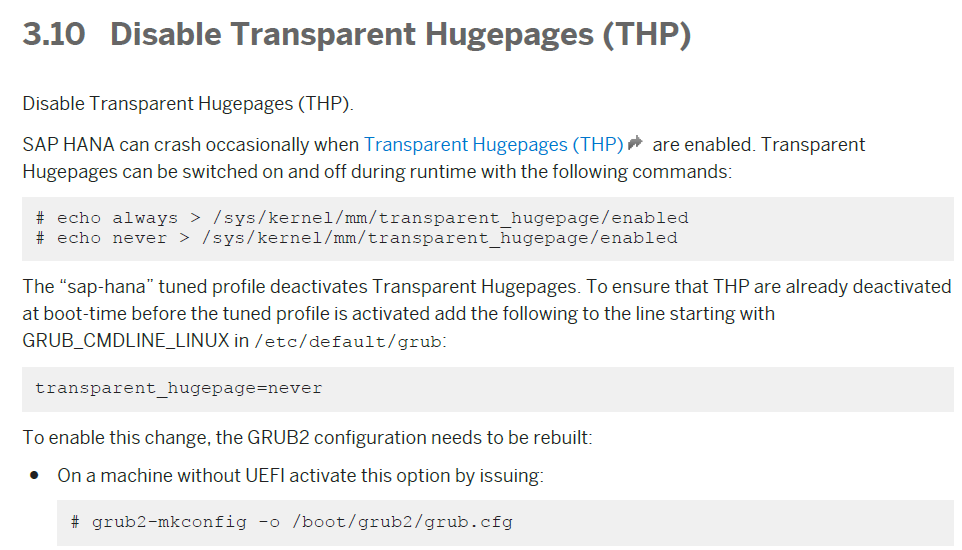


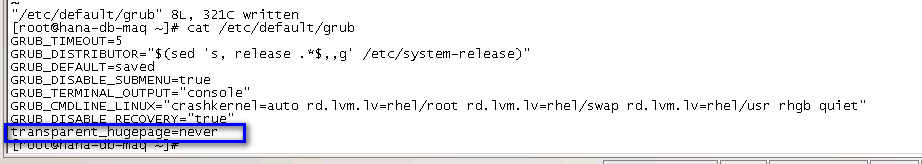
## Add Symbolic Links

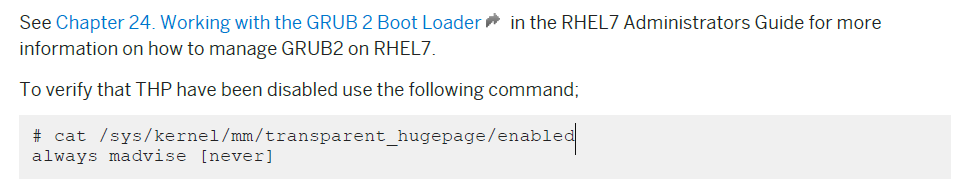


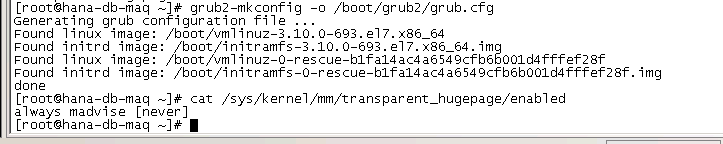


## Disable Transparent Hugepages (THP)

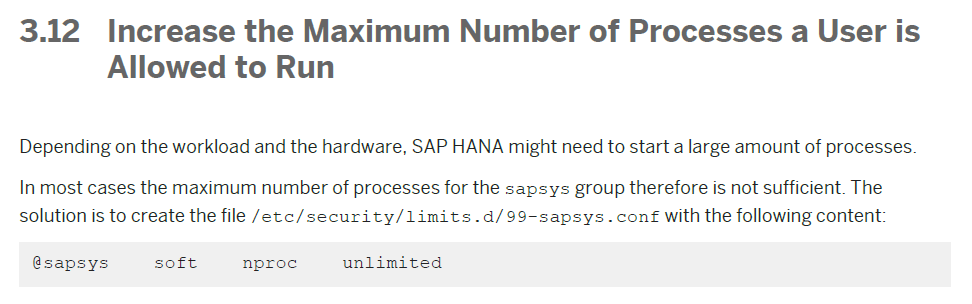


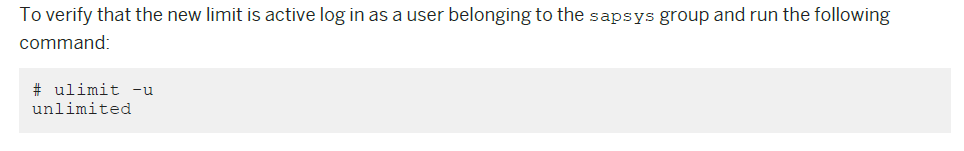


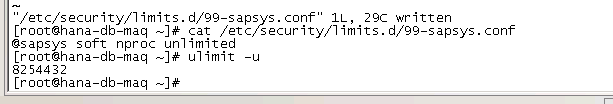




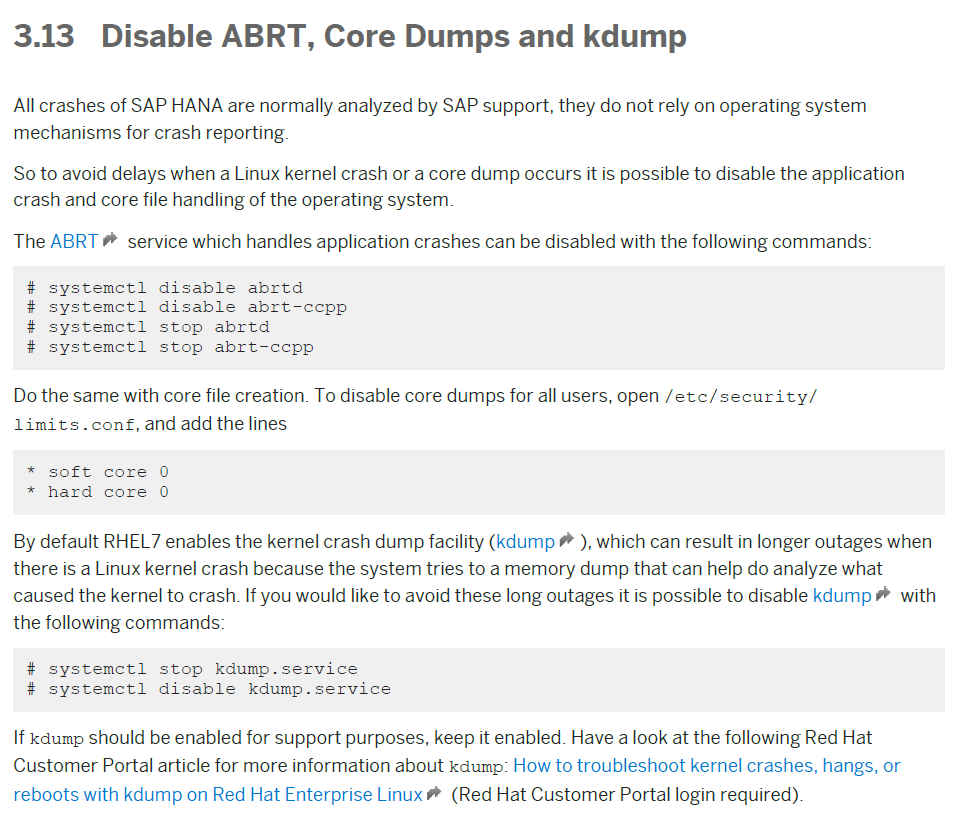
## Increase the Maximum Number of Processes a User is Allow to run

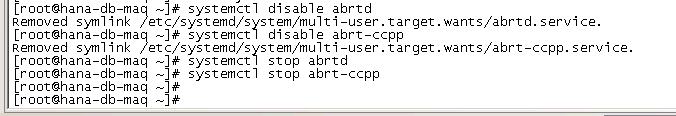


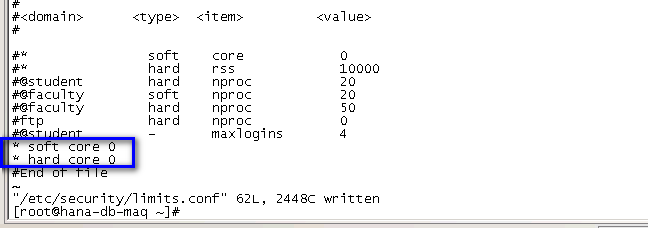




## Disable ABRT, Core Dumps and Kdump

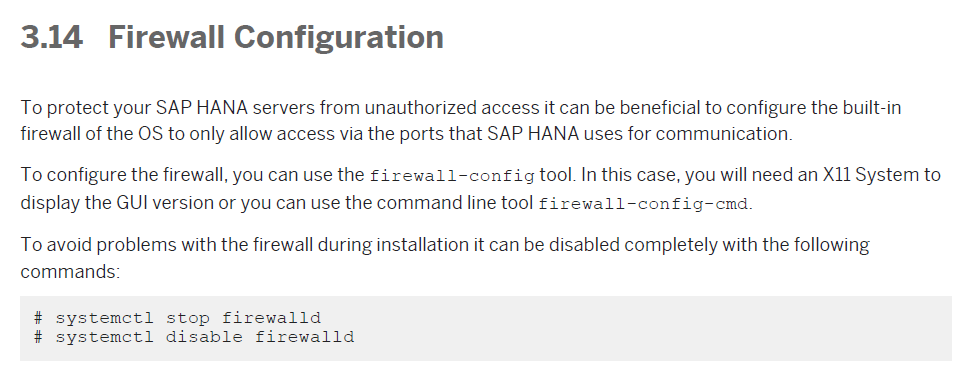


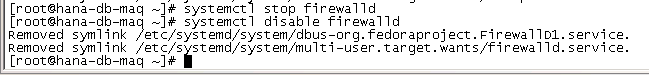




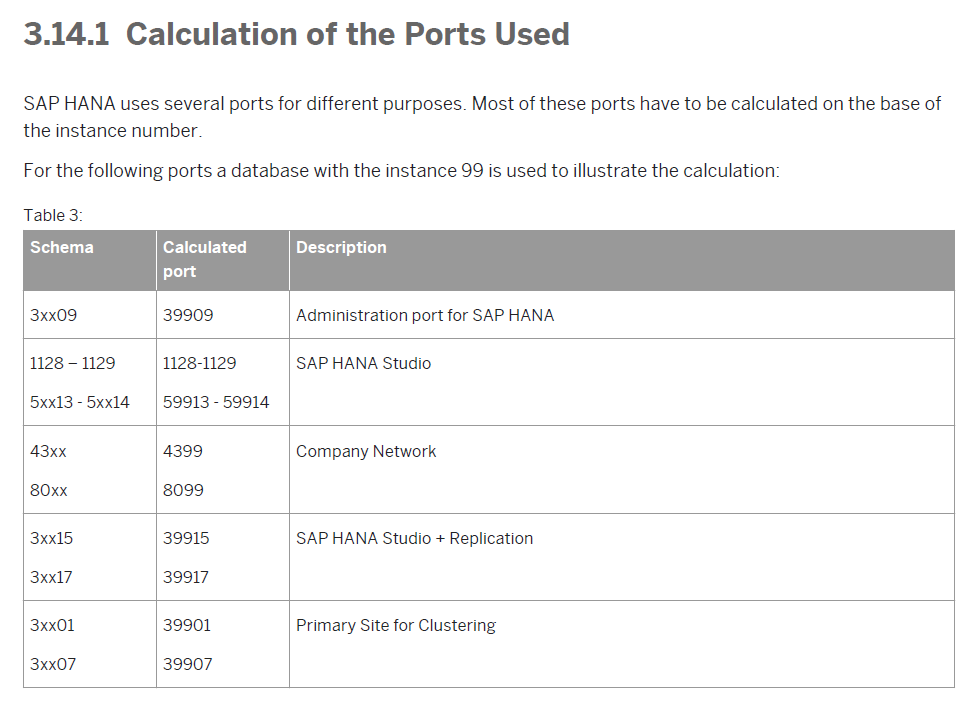


## Firewall Configuration

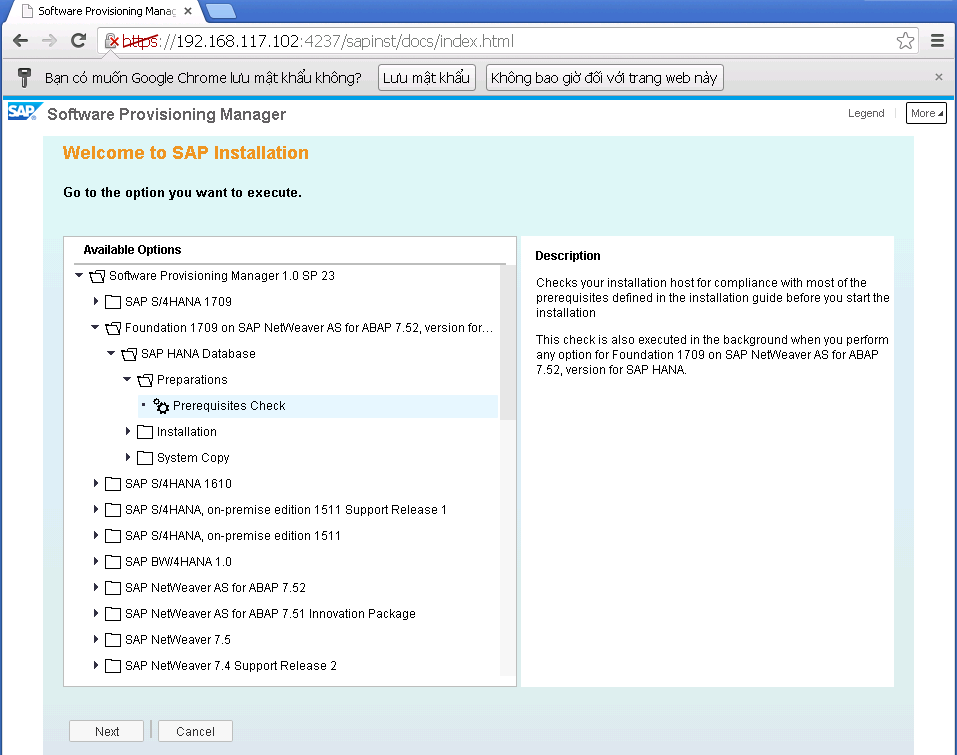


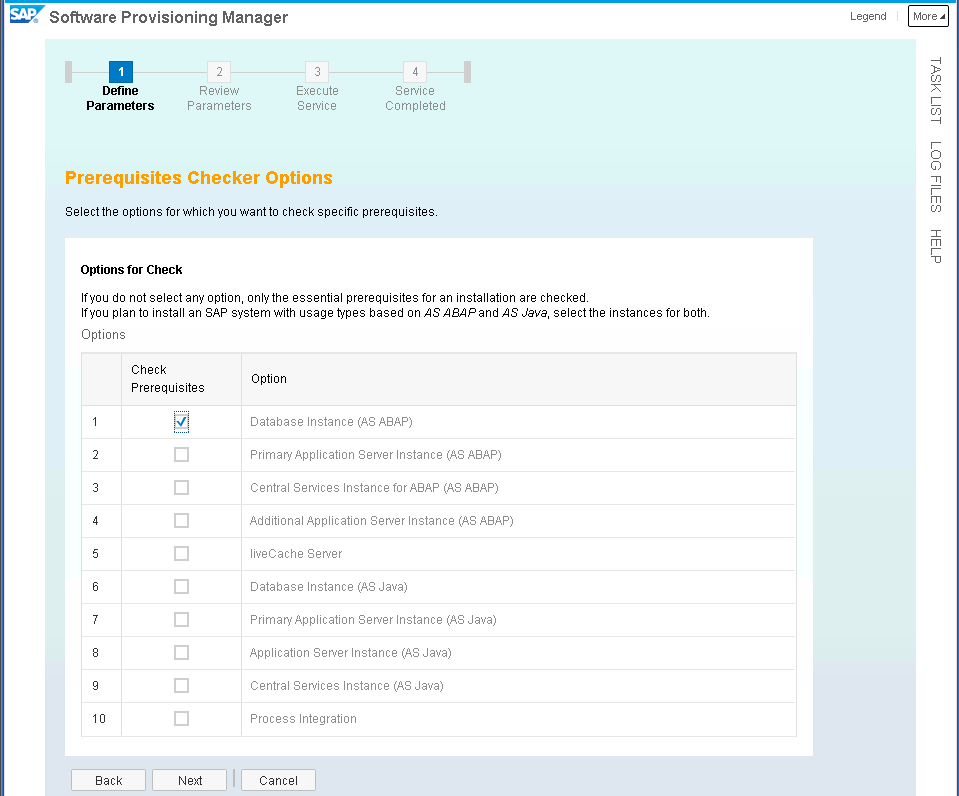


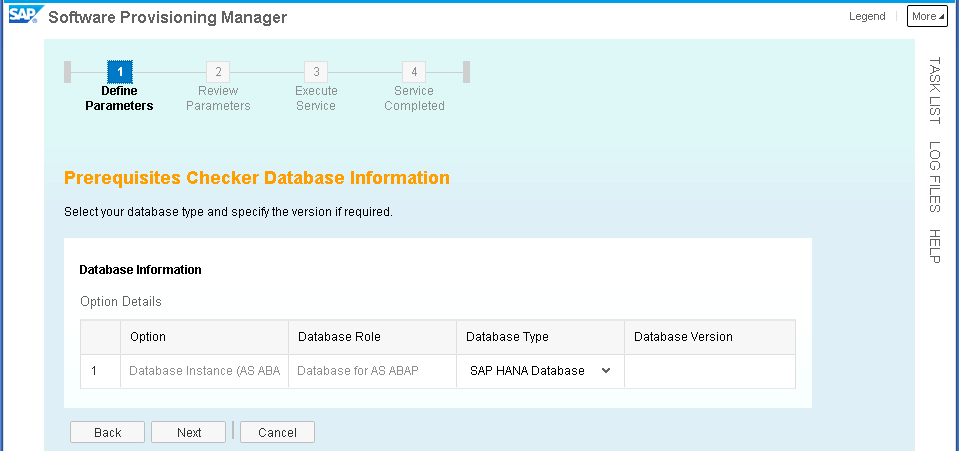
## Calculation of the Ports Used

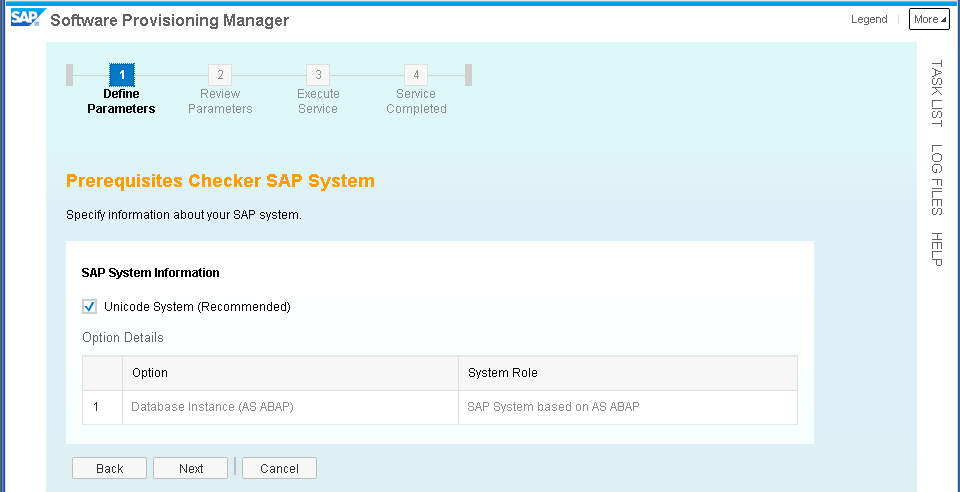


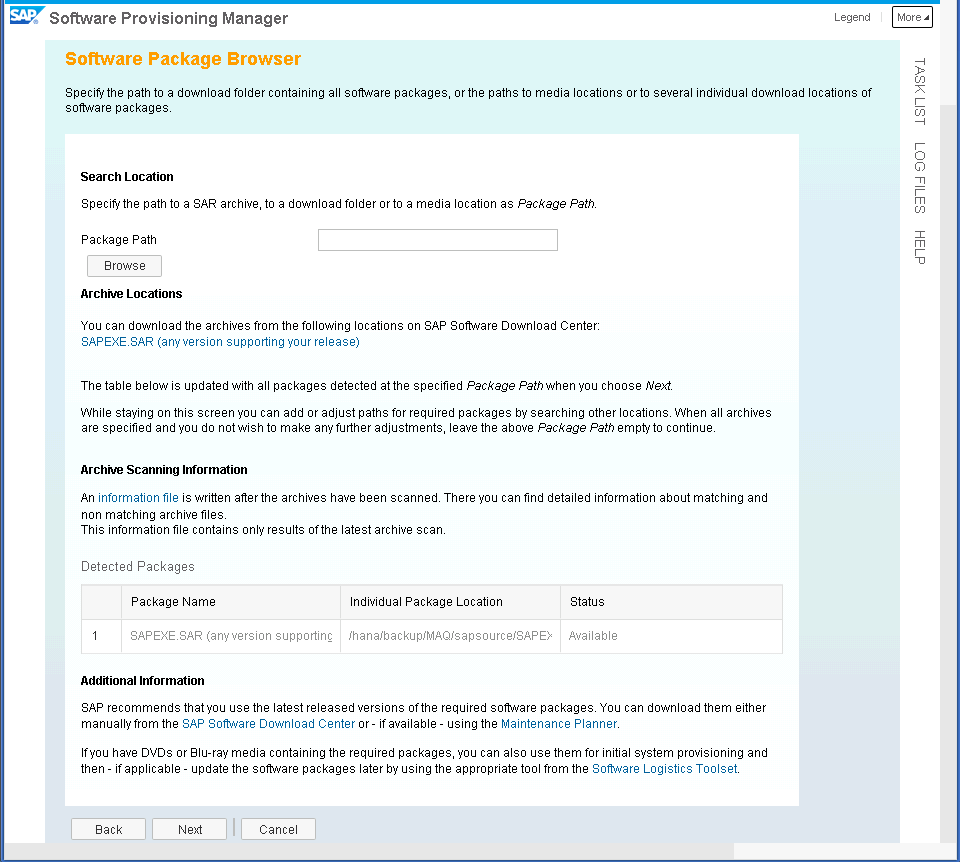
# Pre-Check

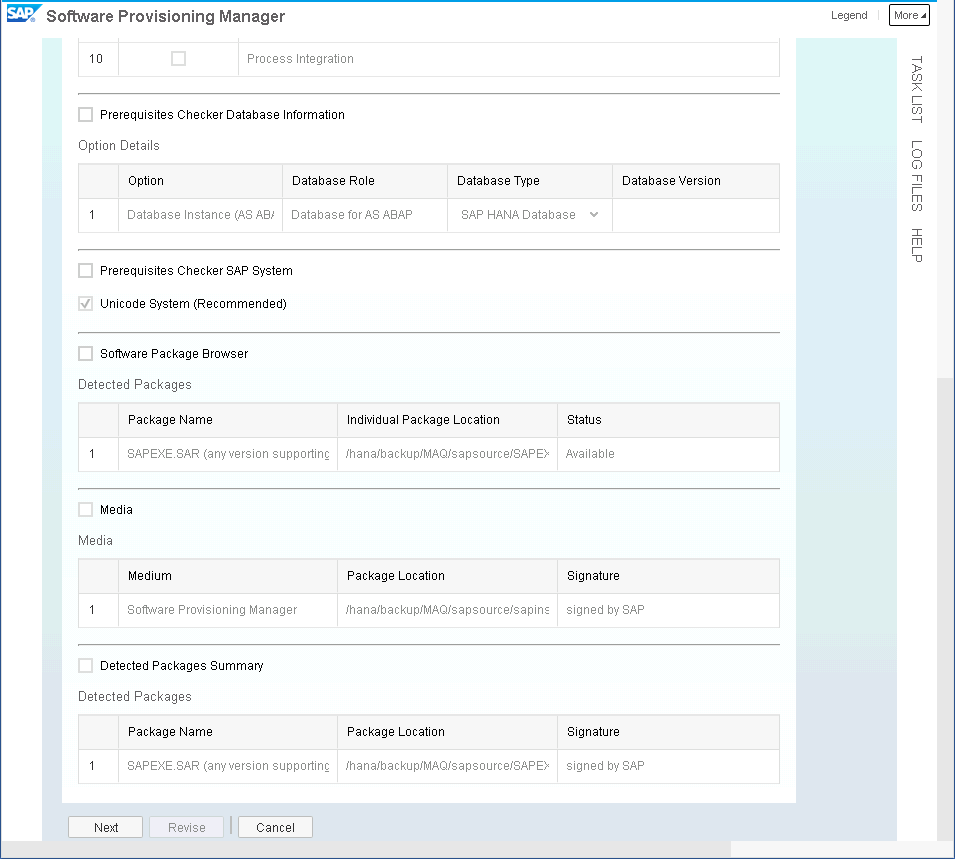


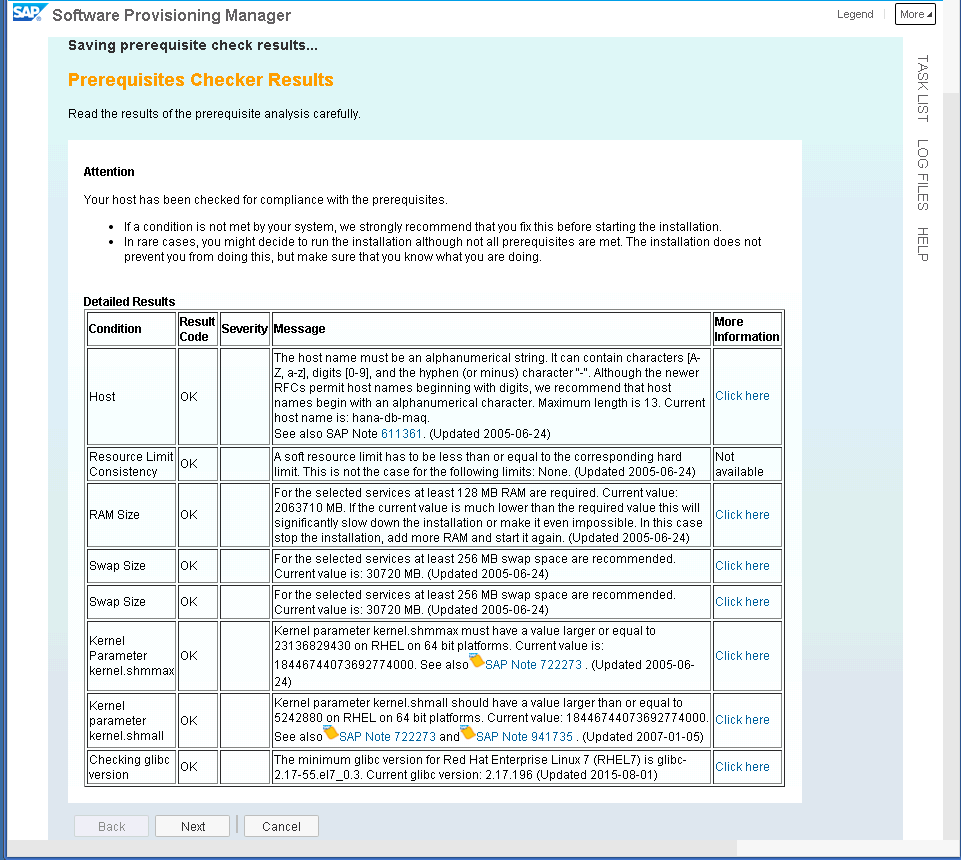


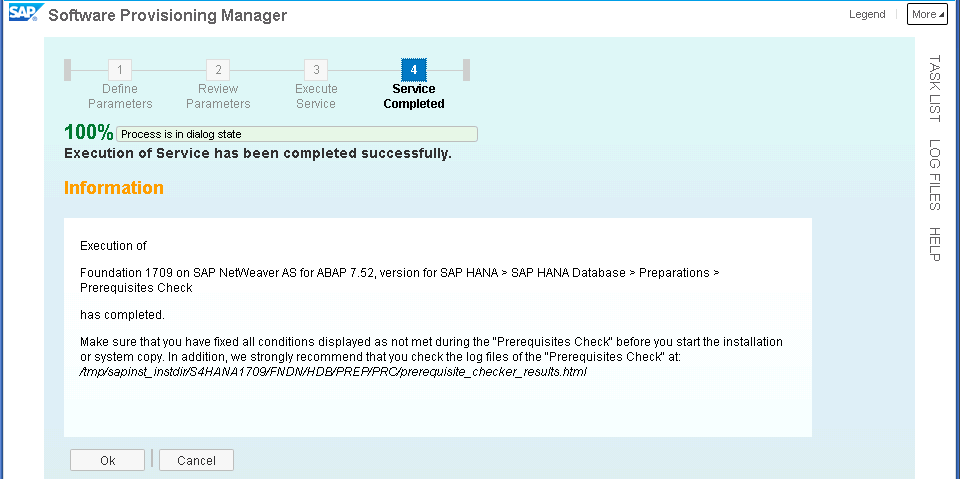






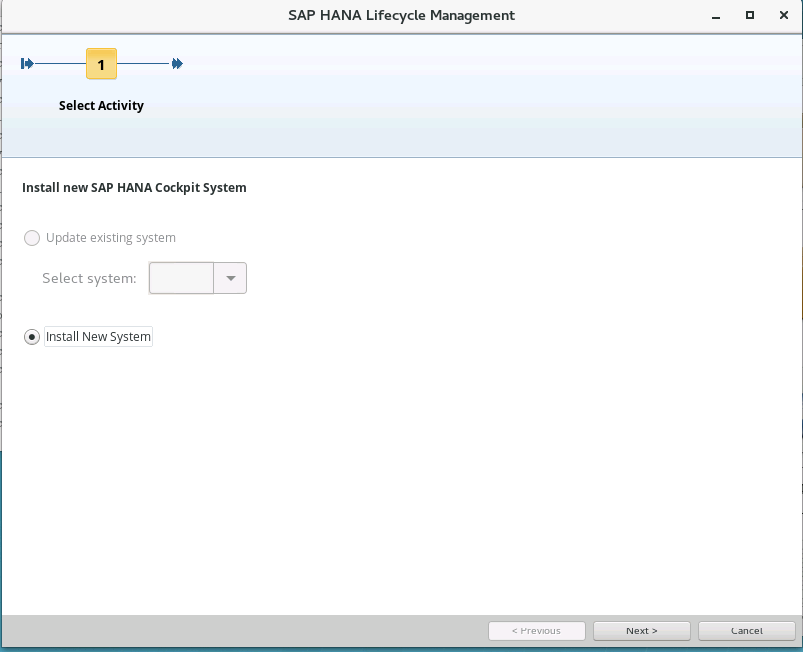


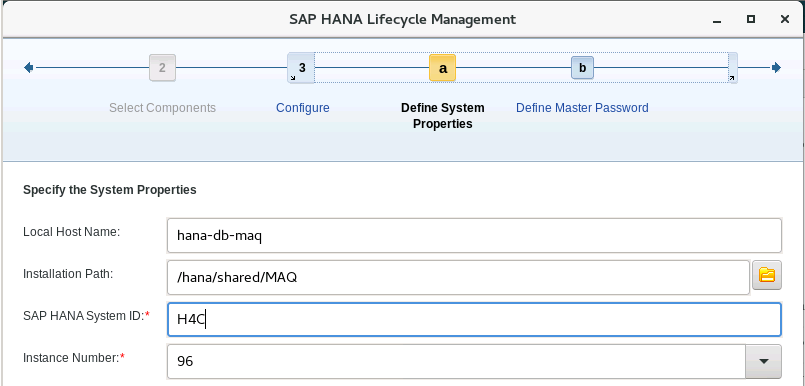


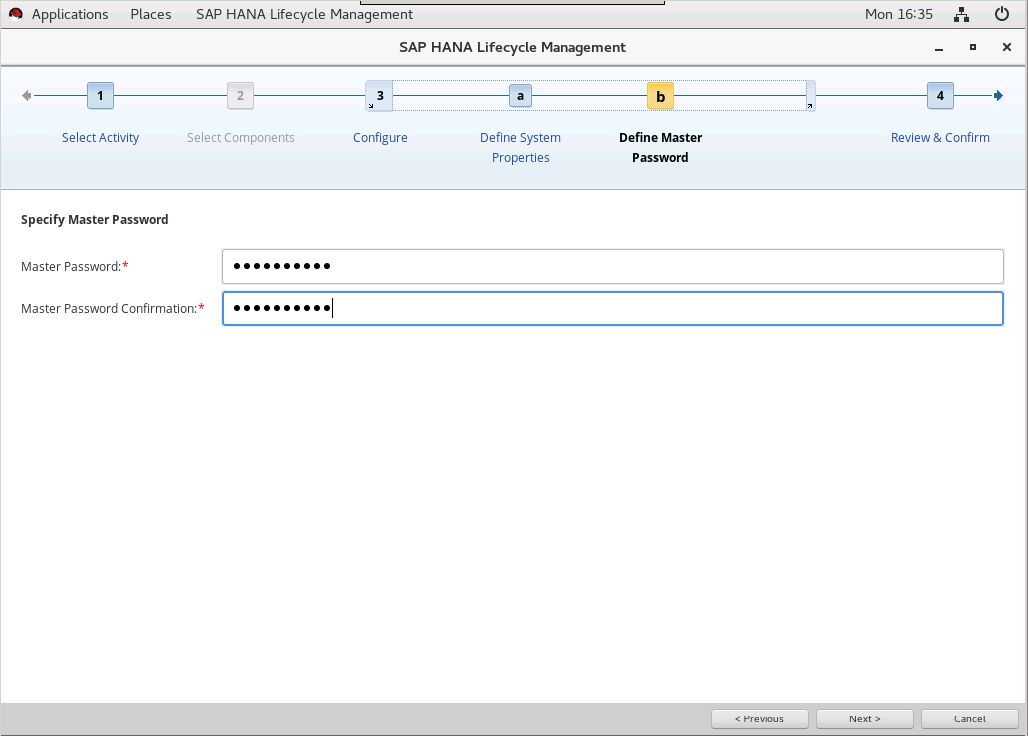


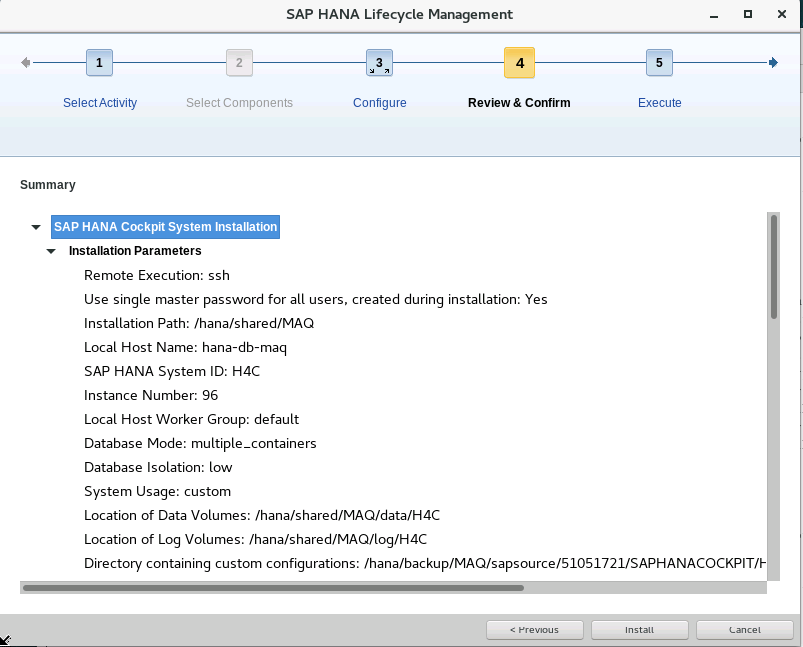
# Installation HANACOCKPIT

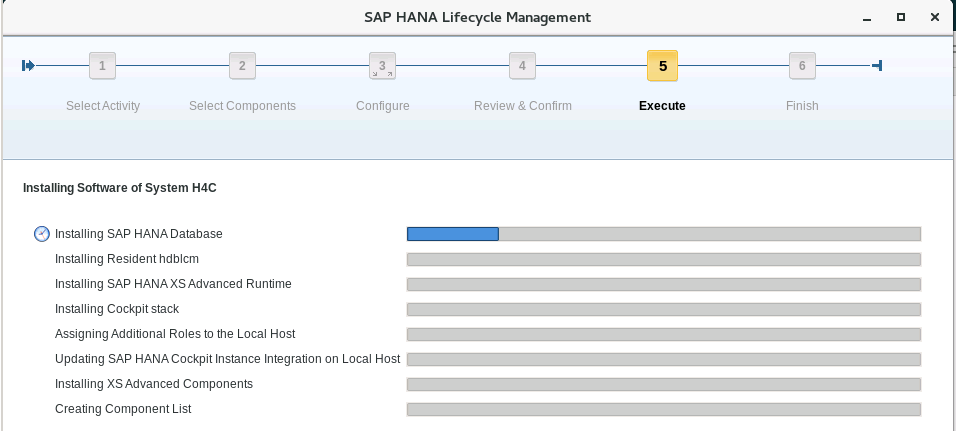


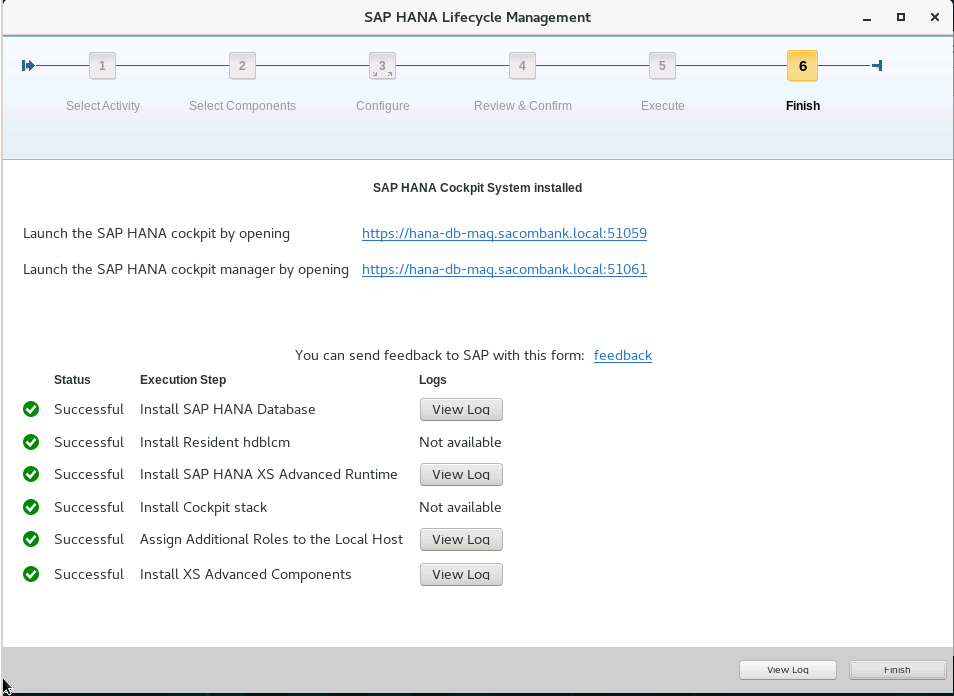




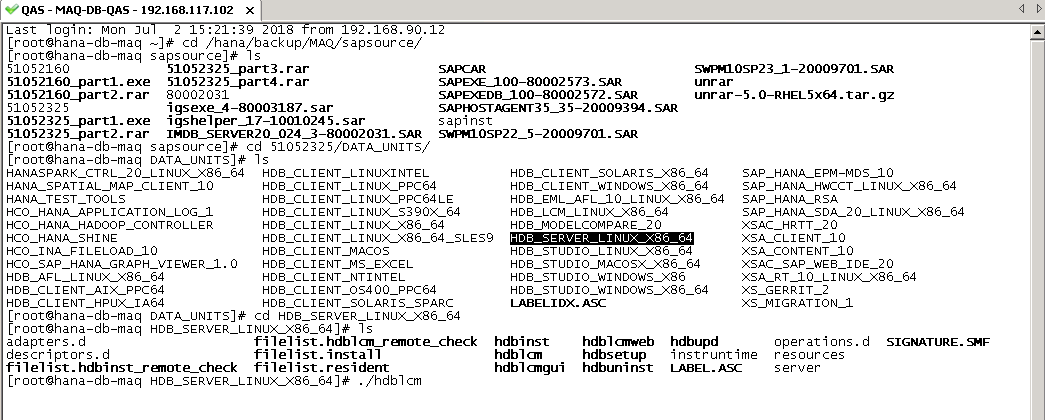


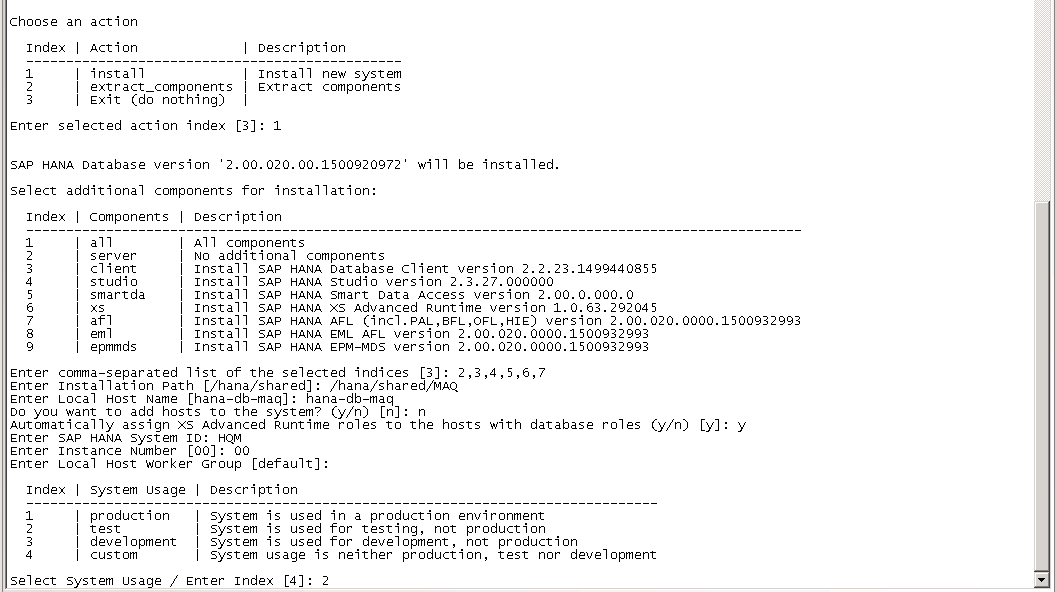


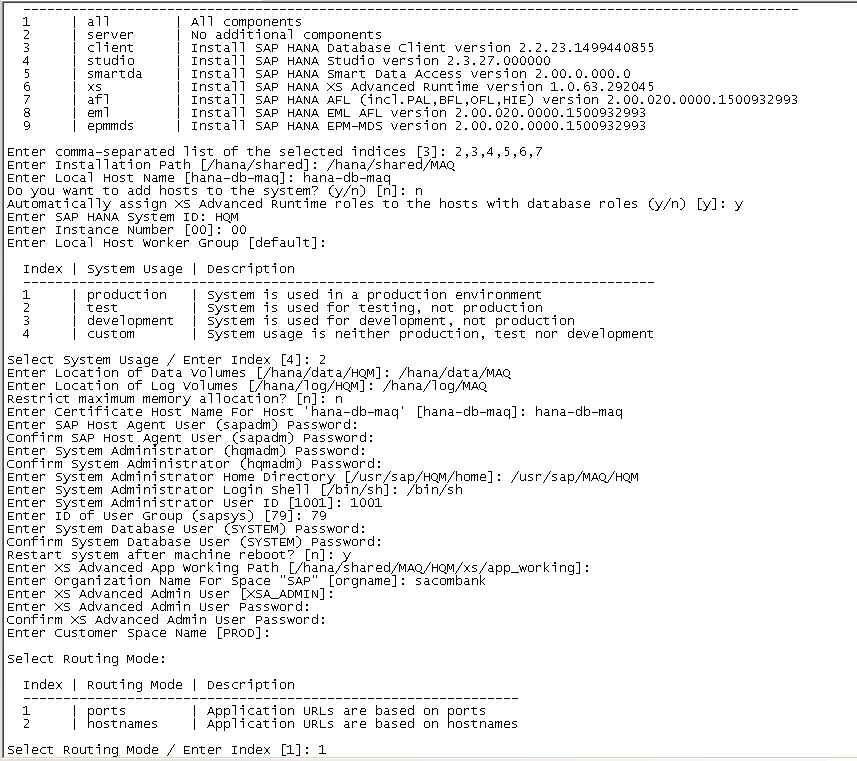




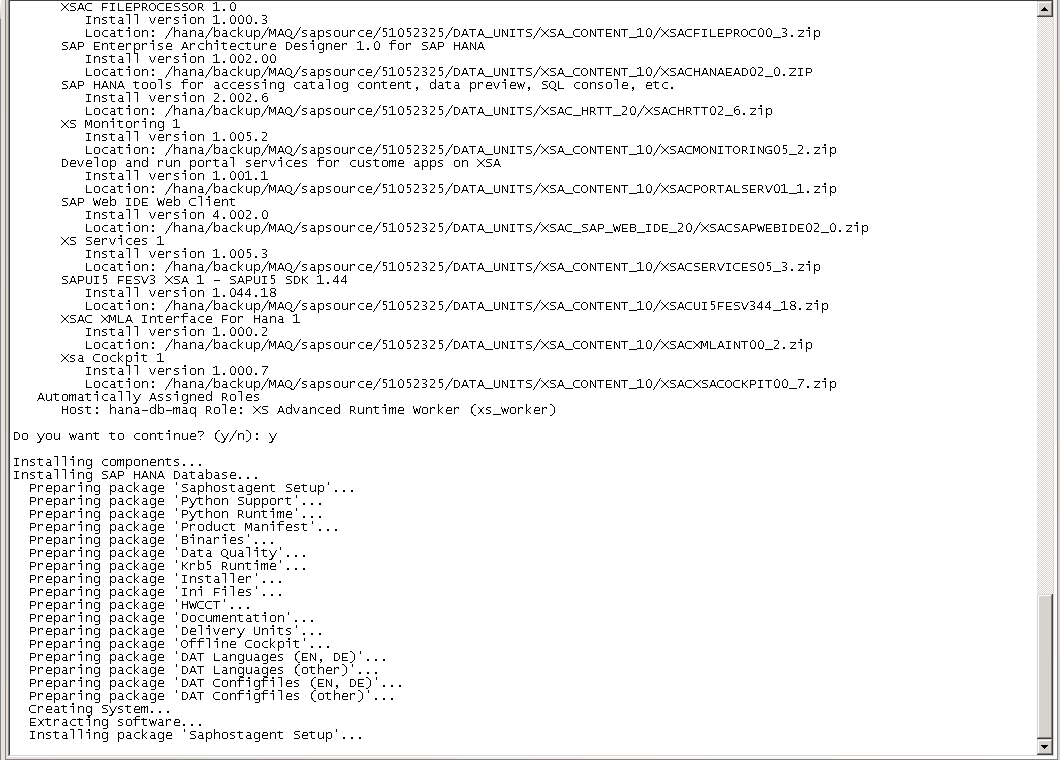
# Installation HANA DB

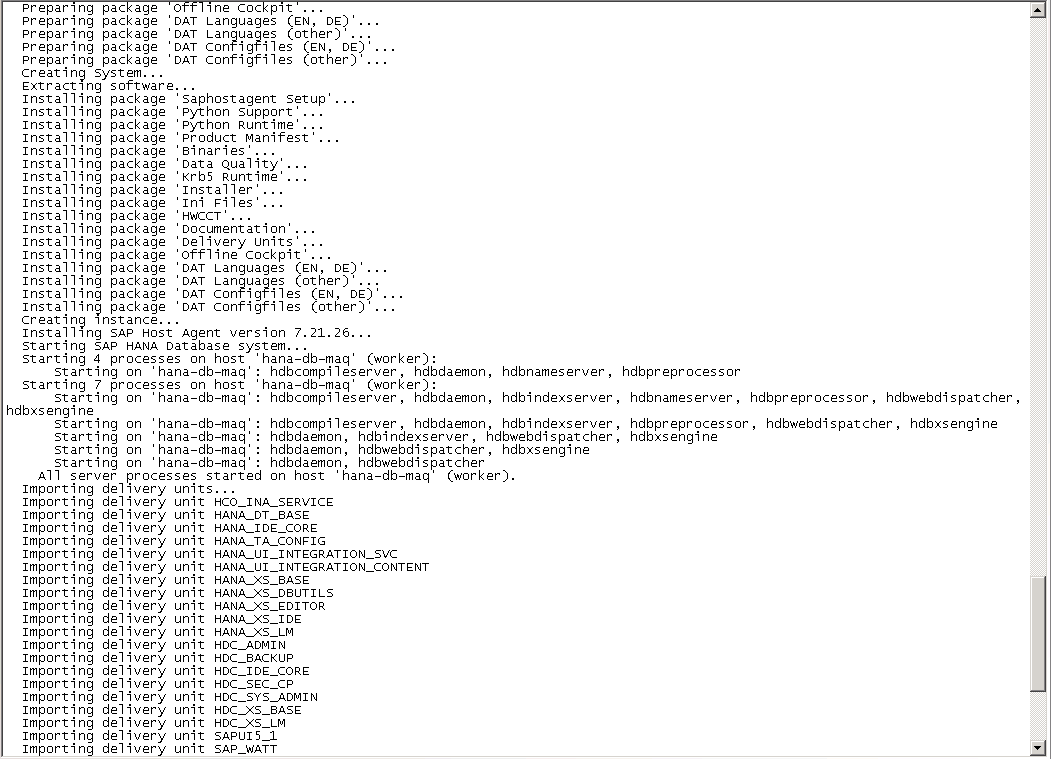




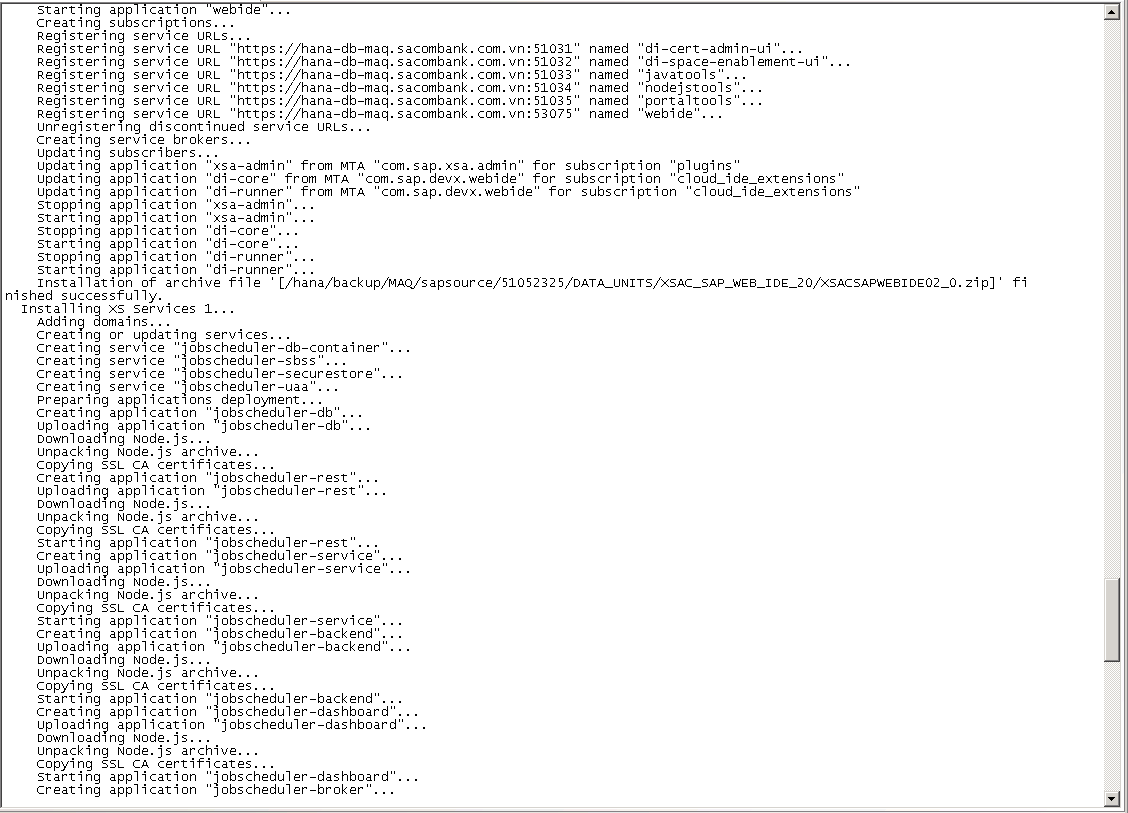








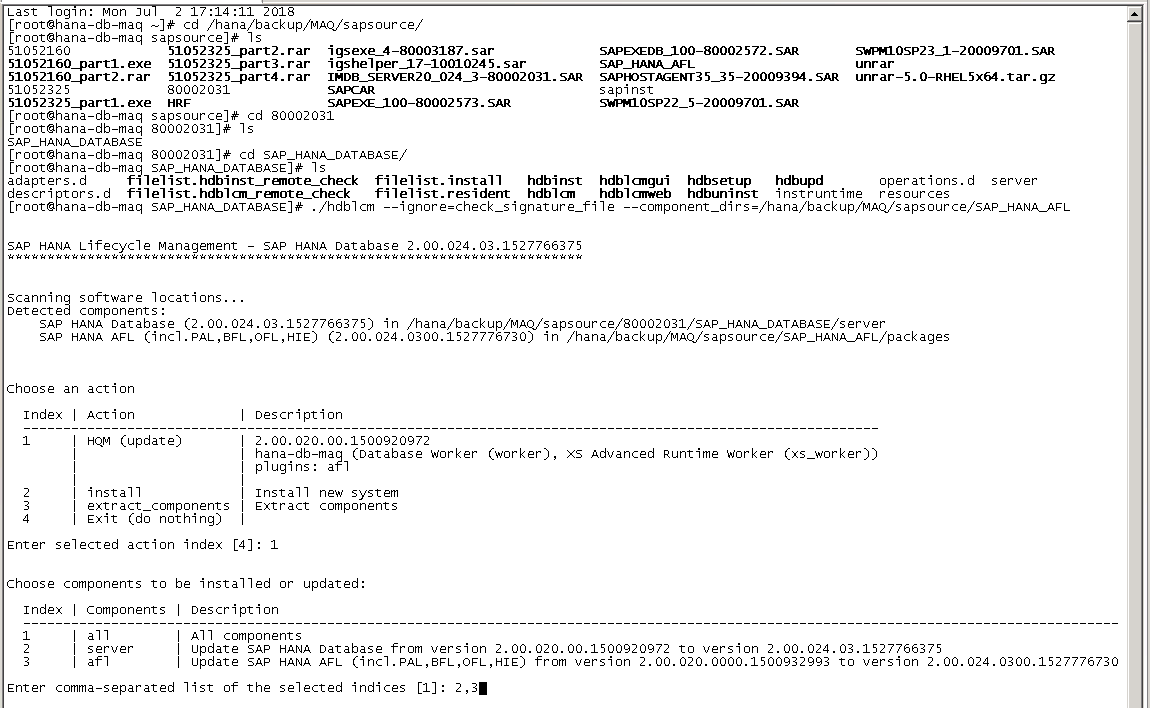






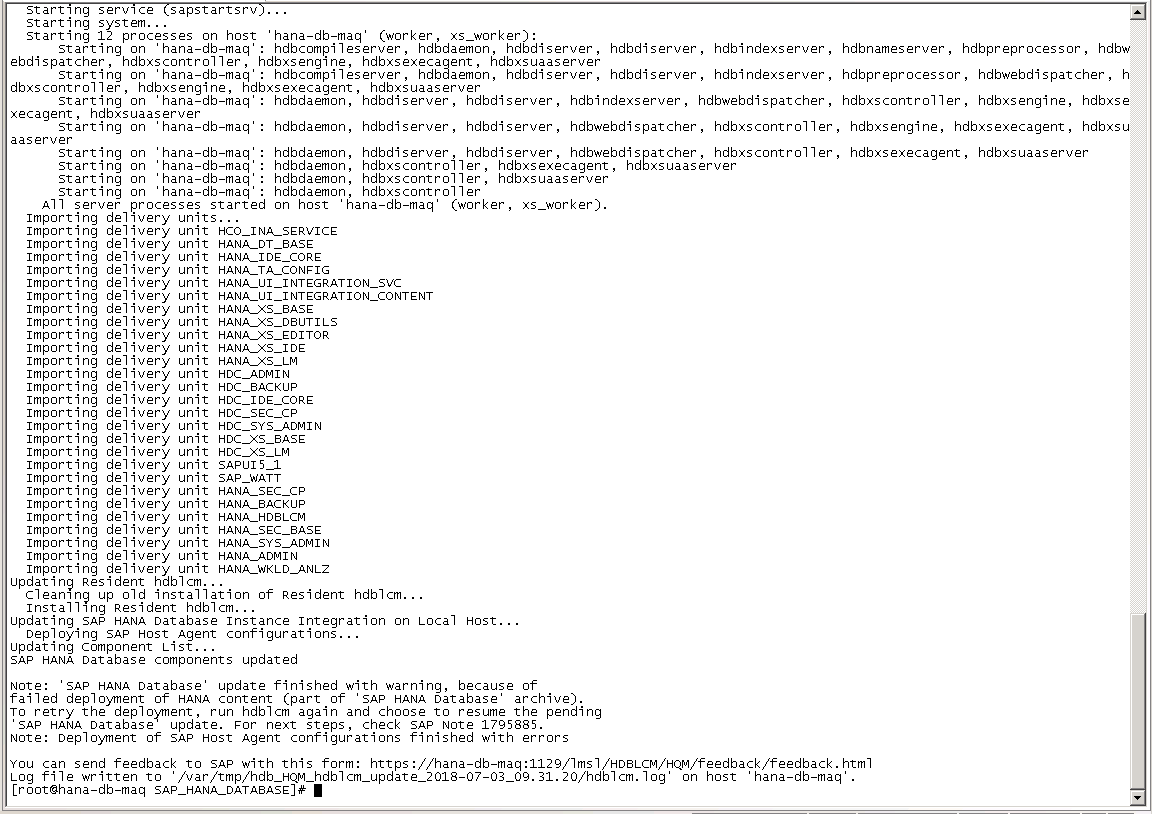


# Update HANA database

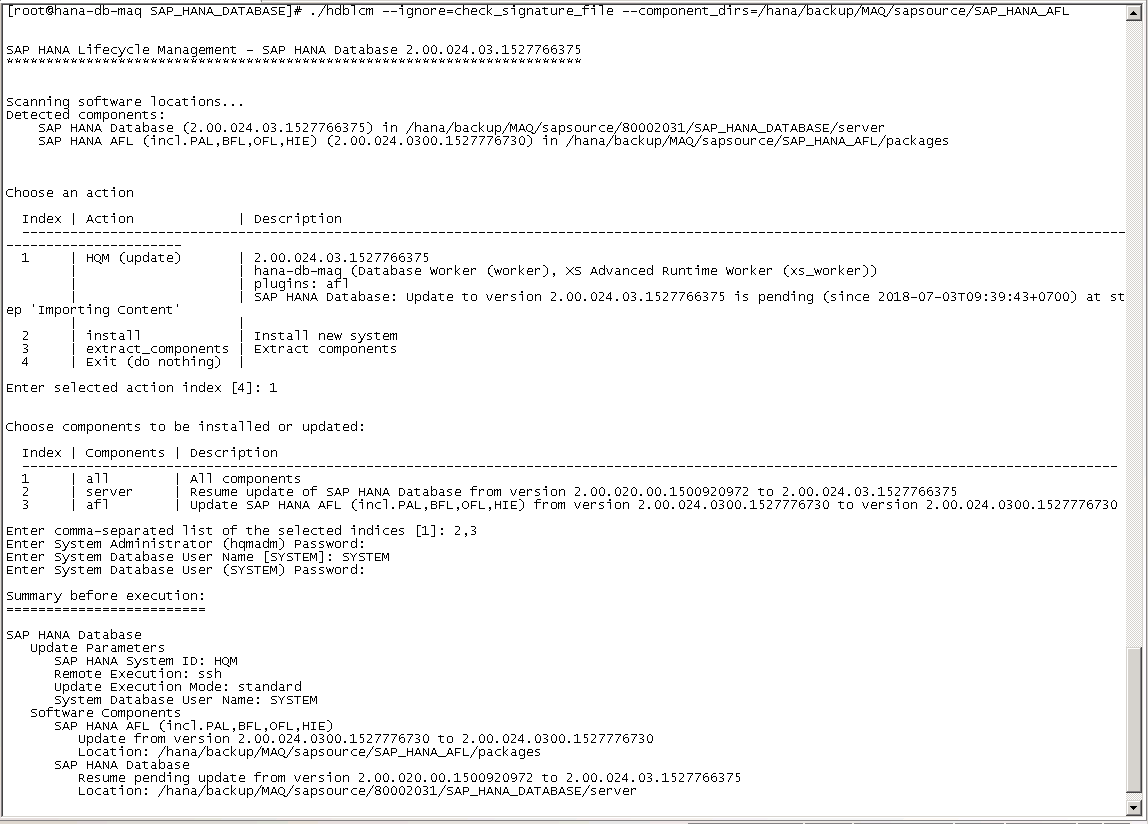


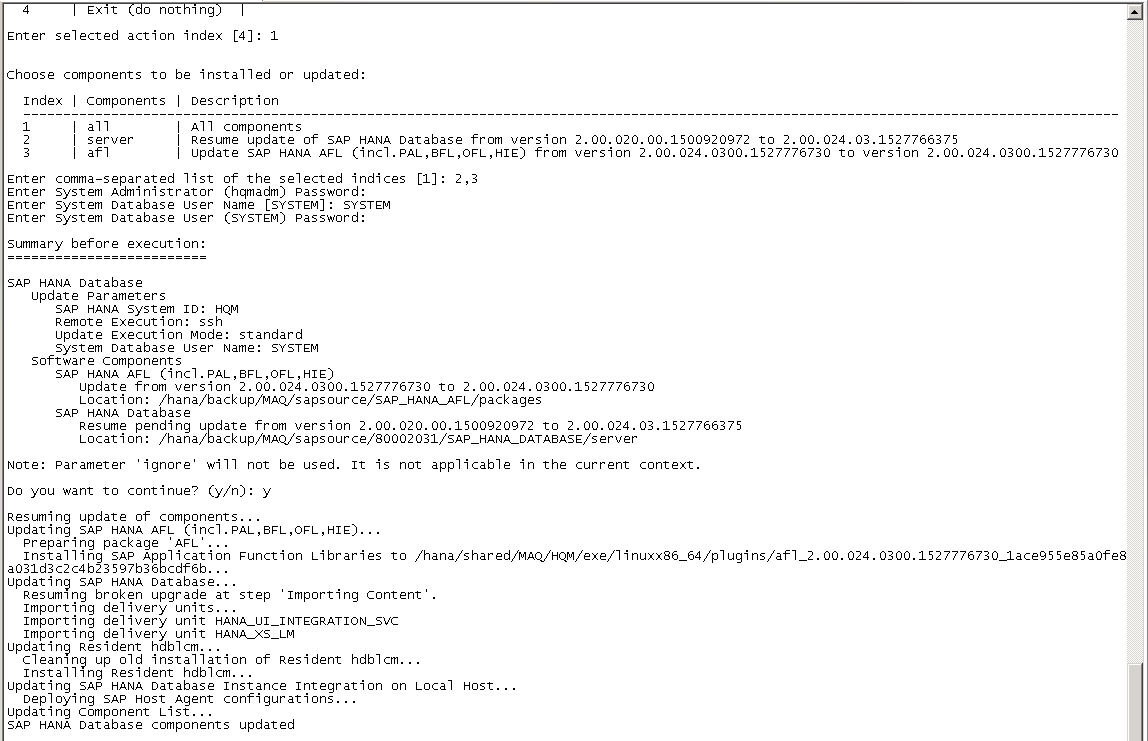


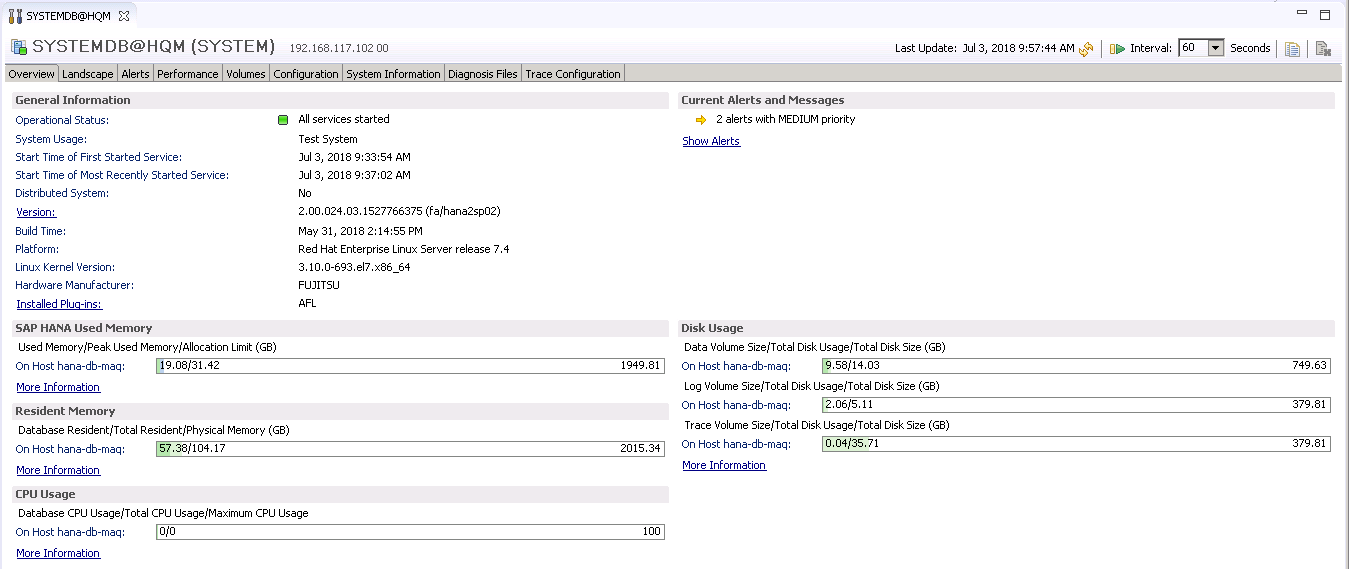


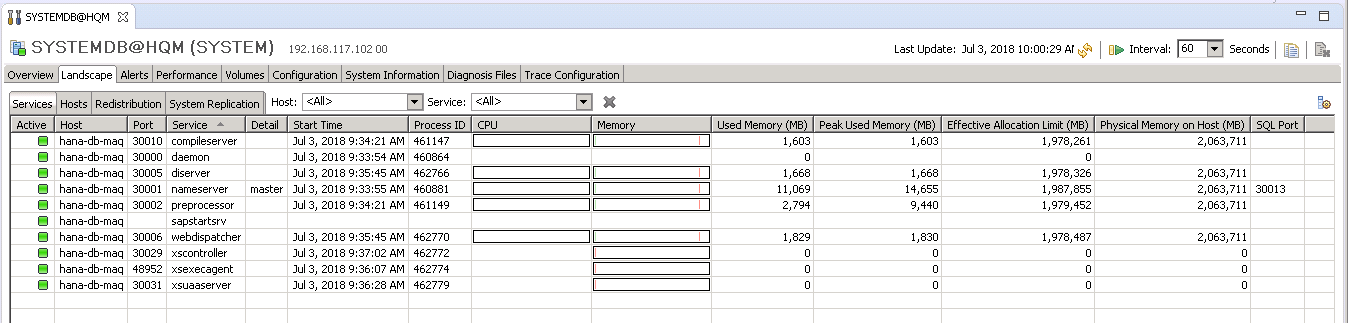


Resume



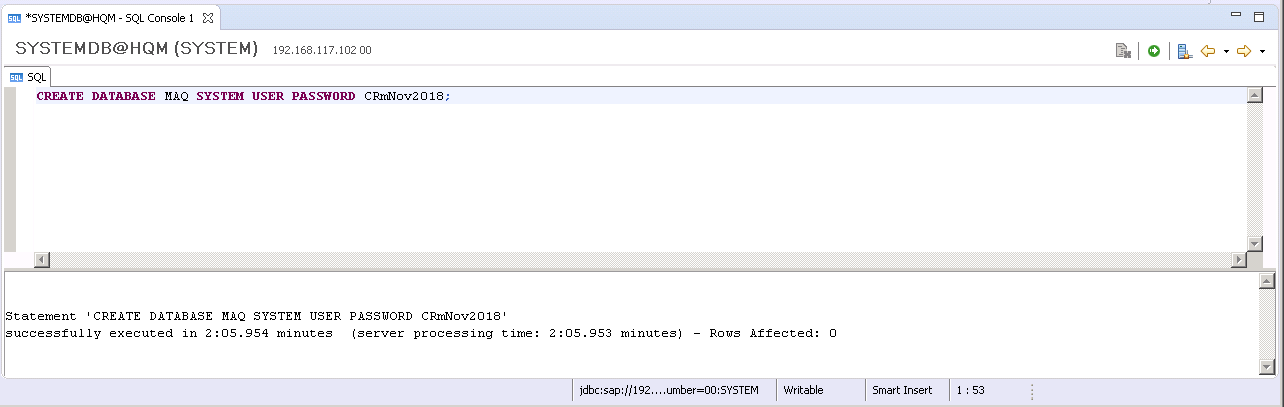


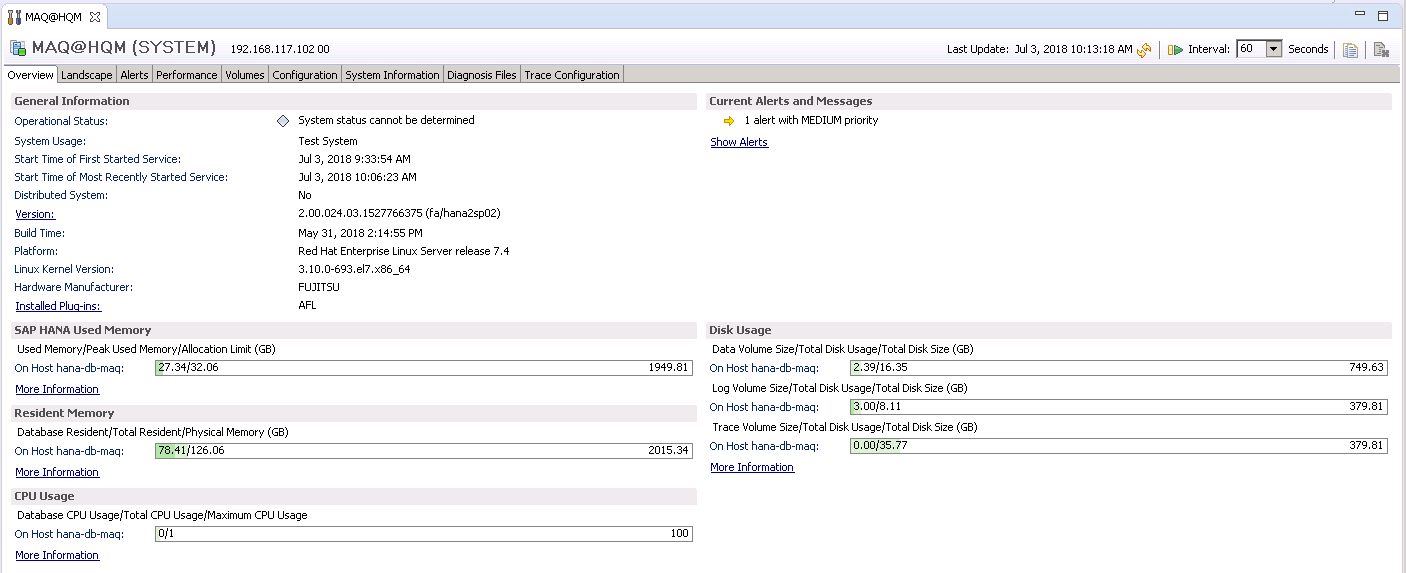


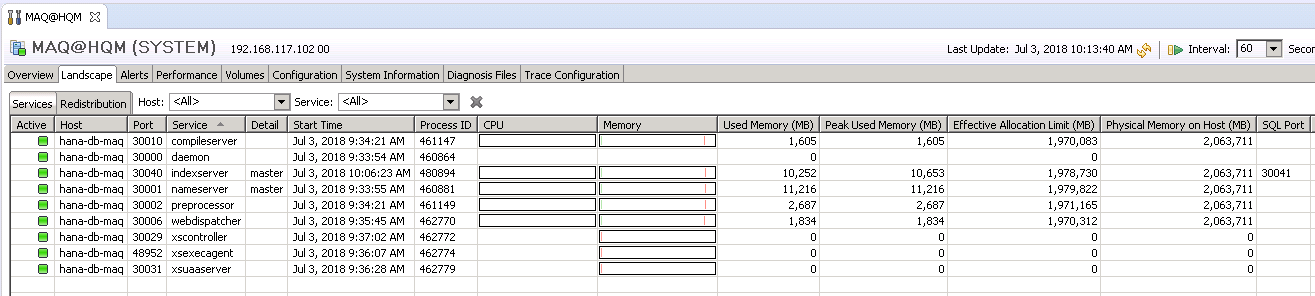


# Create **MAQ** database:

CREATE DATABASE MAQ SYSTEM USER PASSWORD CRmNov2018;







# HANA Operation

## Stop/Start HANA Database

How to Stop HANA via commands:

/usr/sap/hostctrl/exe/sapcontrol -nr 00 -function StopSystem HDB

./HDB stop

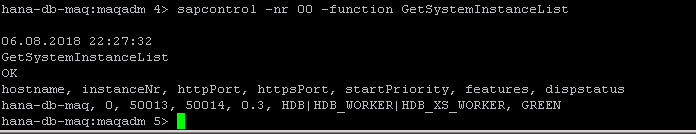
How to Start HANA via commands:

./HDB start

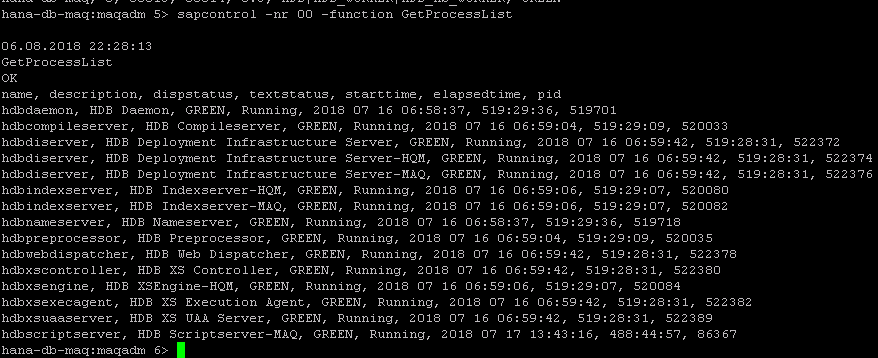
/usr/sap/hostctrl/exe/sapcontrol -nr <Instance No> -function StartSystem HDB

How to Check Hana Current Status of all Hosts:

/usr/sap/hostctrl/exe/sapcontrol -nr 00 -function GetSystemInstanceList



Check the status of HDB



Drop a tenant database

**ALTER** **SYSTEM** STOP **DATABASE** BWD;

**DROP** **DATABASE** BWD;

