

CentOS 7 - Basic installation as VM with .ISO image

The following steps describe the basic installation.

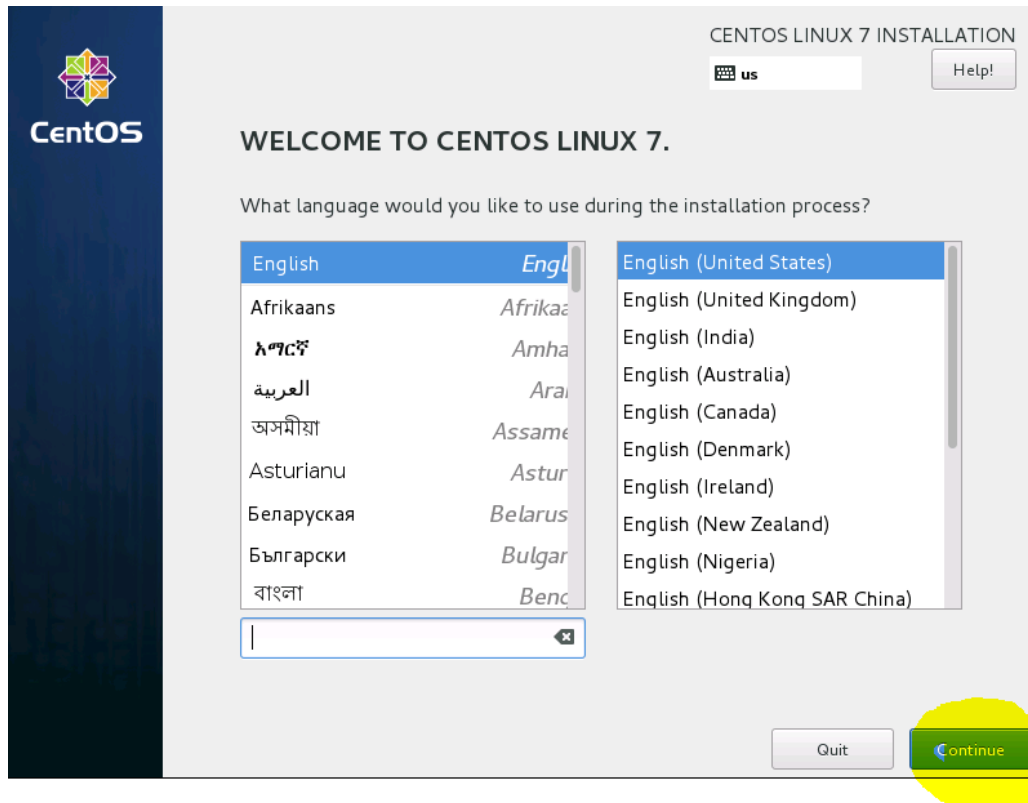
ISO File

The ISO file for the basic installation can be found here: http://cdn.jtel.de/downloads/ISOs/CentOS-7-x86_64-Minimal-1611.iso

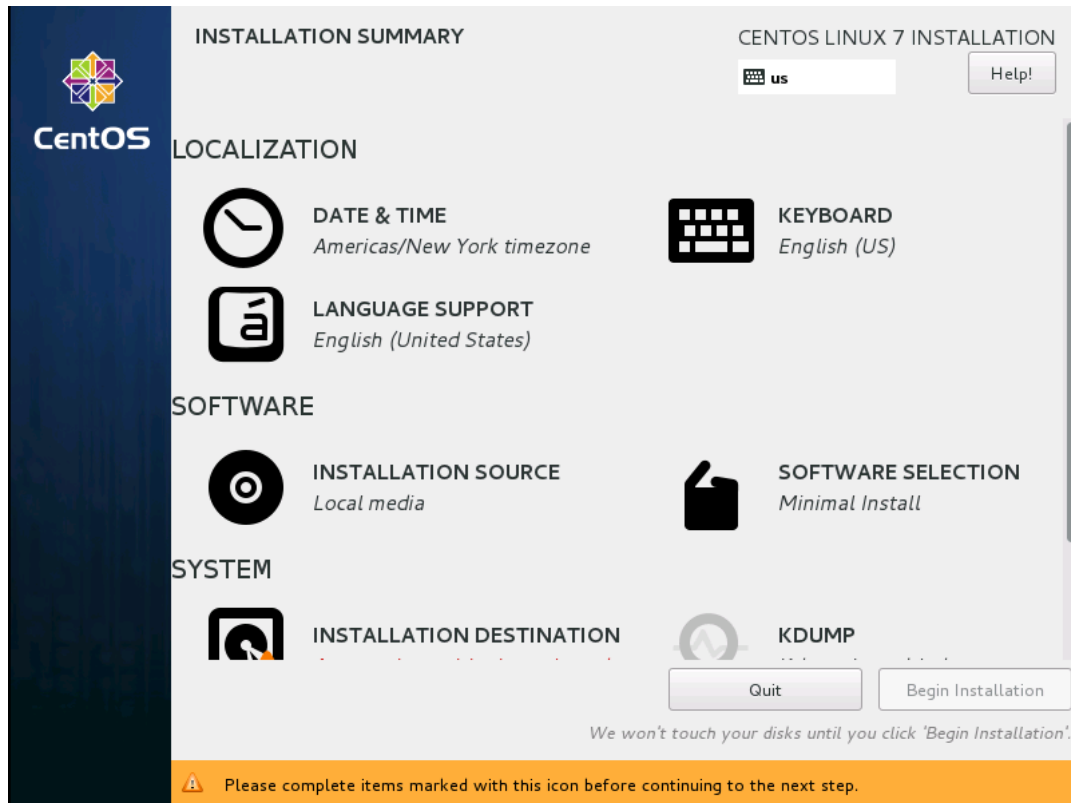
Enter on first option (Install CentOS Linux 7).



On the next screen just click Continue.



On the second screen some points have to be adjusted. In contrast to CentOS6 this is not done one after the other, but you have to go through all points one by one.



Adjust Date and Time to Europe / Berlin.

DATE & TIME

Done

CENTOS LINUX 7 INSTALLATION

us

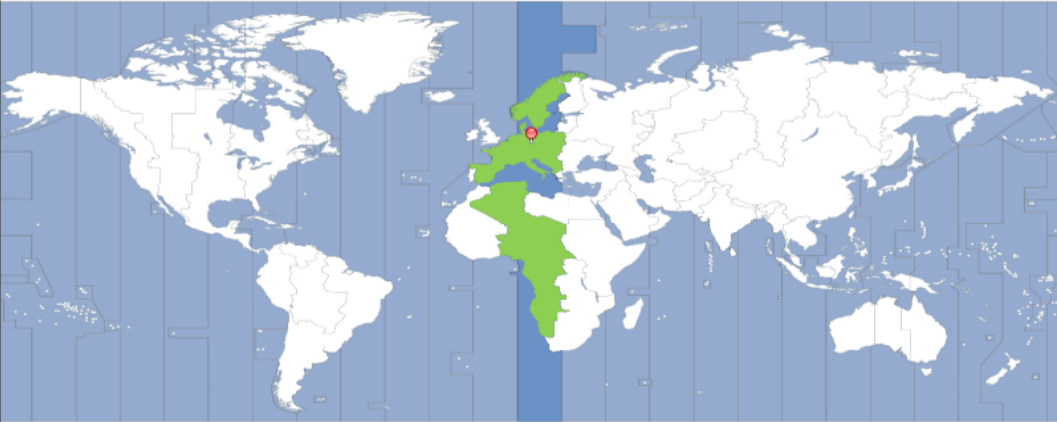
Help!

Region: Europe

City: Berlin

Network Time

OFF



14:26 PM

24-hour

AM/PM

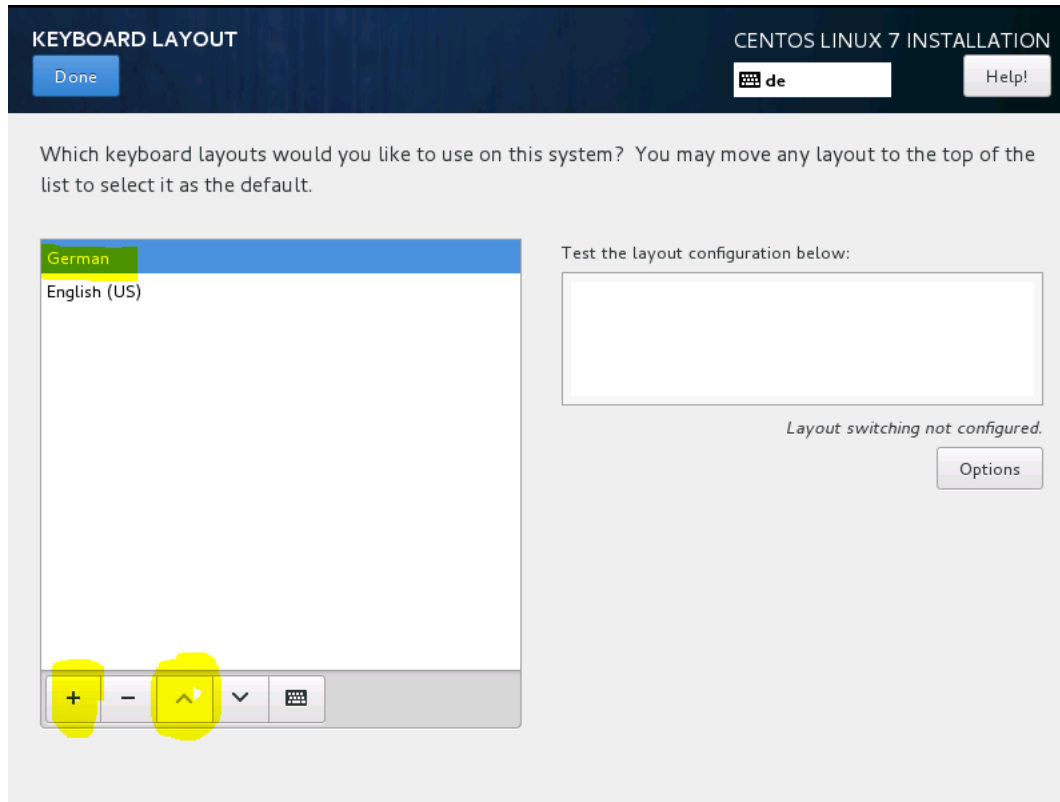
05

02

2017

 You need to set up networking first if you want to use NTP

Add Keyboard Layout German and sort at the top of the list



Selecting Installation Destination

INSTALLATION DESTINATION

CENTOS LINUX 7 INSTALLATION

Done

de

Help!

Device Selection

Select the device(s) you'd like to install to. They will be left untouched until you click on the main menu's "Begin Installation" button.

Local Standard Disks

16 GiB



VMware Virtual disk
sda / 992.5 KiB free

Disks left unselected here will not be touched.

Specialized & Network Disks

Add a disk...

Disks left unselected here will not be touched.

Other Storage Options

Partitioning

[Full disk summary and boot loader...](#)

1 disk selected; 16 GiB capacity; 992.5 KiB free [Refresh...](#)

Network and Host Name - Change Host name, then configure Ethernet

NETWORK & HOST NAME

CENTOS LINUX 7 INSTALLATION

Done

de

Help!

Ethernet (ens160)
VMware VMXNET3 Ethernet Controller

+

-

Ethernet (ens160)
Disconnected

Hardware Address 00:50:56:B9:12:62
Speed 10000 Mb/s
Subnet Mask 127.0.0.1

OFF

Configure...

Host name: clust1-lb1.jtel.local

Apply

Current host name: clust1-lb1.jtel.local

On the page General, set Automatically connect

NETWORK & HOST NAME

CENTOS LINUX 7 INSTALLATION

Done

de

Help!

Editing ens192

Connection name: ens192

General

Ethernet

802.1X Security

DCB

IPv4 Settings

IPv6 Settings

☒ Automatically connect to this network when it is available

☒ All users may connect to this network

☐ Automatically connect to VPN when using this connection

Firewall zone: Default

Cancel

Save

Enter IP address, Enter gateway, Enter DNS server, Enter search domains, Set require IPv4 addressing

NETWORK & HOST NAME

CENTOS LINUX 7 INSTALLATION

Done

de

Help!

Editing ens160

Connection name: ens160

General

Ethernet

802.1X Security

DCB

IPv4 Settings

IPv6 Settings

Method: Manual

Addresses

Address	Netmask	Gateway
10.42.13.101	21	10.42.8.1

Add

Delete

DNS servers: 10.42.8.15, 10.42.8.11

Search domains: jtel.local

DHCP client ID:

☒ Require IPv4 addressing for this connection to complete

Routes...

Cancel

Save

Switch on Ethernet

NETWORK & HOST NAME

CENTOS LINUX 7 INSTALLATION

Done

de

Help!

Ethernet (ens160)
VMware VMXNET3 Ethernet Controller

+

-

 **Ethernet (ens160)**
Connected

Hardware Address 00:50:56:B9:12:62

Speed 10000 Mb/s

IP Address 10.42.13.100

Subnet Mask 255.255.248.0

Default Route 10.42.8.1

DNS 10.42.8.15 10.42.8.11

ON

Configure...

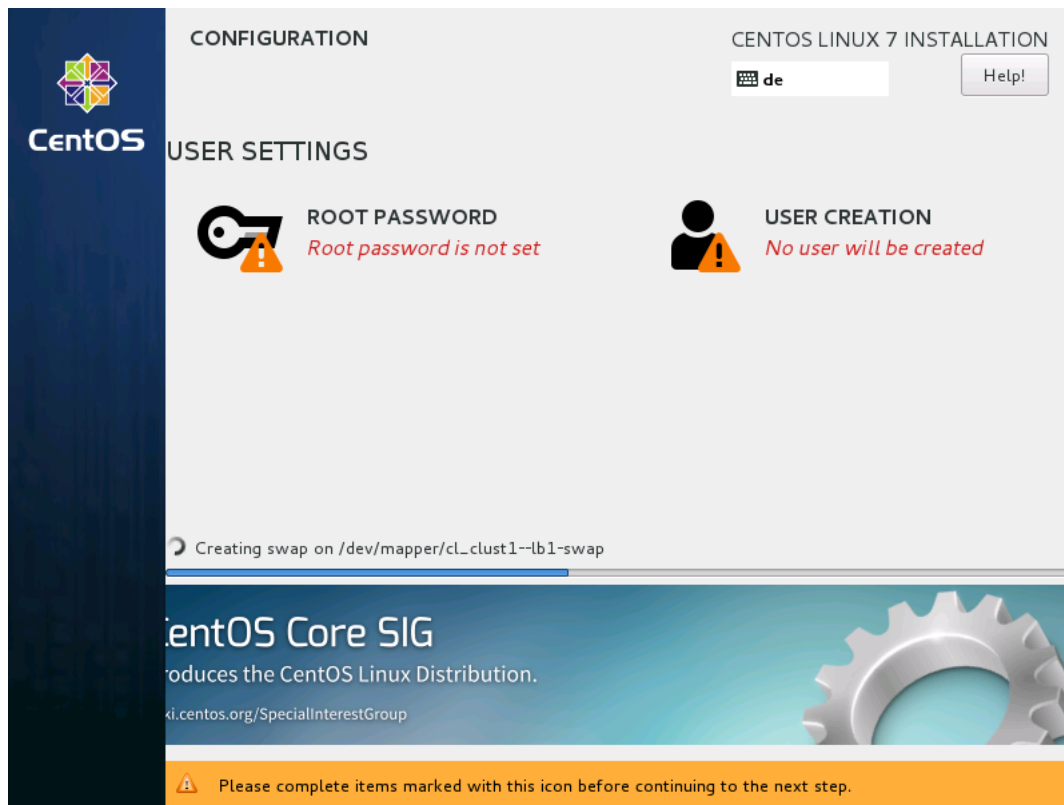
Host name: clust1-lb1.jtel.local

Apply

Current host name: clust1-lb1.jtel.local

At this point you can use a PING to check whether the machine is accessible.

Begin Installation



During installation, set root password

ROOT PASSWORD

CENTOS LINUX 7 INSTALLATION

Done

 de

Help!

The root account is used for administering the system. Enter a password for the root user.

Root Password:

Weak

Confirm:

 You have provided a weak password: The password fails the dictionary check - it is based on a dictionary word. Press Done again to use anyway.

Check if everything is OK

After the basic installation, you should be able to access the computer via SSH and log in with root.

If the customer installs the operating systems, this is the handover point to the project technician.