



How to install

SME Server

as a base for a dedicated application

Settings used in this presentation

Operation mode:	Server-only (<i>mandatory</i>)
Network/Mask:	192.168.1.0/24
Server IP:	192.168.1.50
Gateway IP:	192.168.1.1
DHCP service:	disabled (<i>mandatory</i>)
Domain:	example.com
Hostname:	sme
Language:	English
Keyboard:	DE Latin-1
Time zone:	Berlin

ISO CD Image: http://wiki.contribs.org/SME_Server:Download



SME Server™

- To install or upgrade type: `sme <ENTER>`.
(or for i586 machines type: `smei586 <ENTER>`.)
- Use the function keys listed below for more information.

[F1-Main] [F2-Options] [F3-General] [F4-Kernel] [F5-Rescue]

boot: _

Welcome to SME Server

CD Found

To begin testing the CD media before
installation press OK.

Choose Skip to skip the media test
and start the installation.



<Tab>/<Alt-Tab> between elements | <Space> selects | <F12> next screen

Welcome to SME Server

Media Check

Choose "Test" to test the CD currently in the drive, or "Eject CD" to eject the CD and insert another for testing.

<Tab>/<Alt-Tab> between elements | <Space> selects | <F12> next screen

Welcome to SME Server

Media Check

Checking "SME Server disc 1"....-

68%

<Tab>/<Alt-Tab> between elements | <Space> selects | <F12> next screen

Welcome to SME Server

Media Check Result

The media check of the image:
SME Server disc 1
is complete, and the result is: PASS.
It is OK to install from this media.



<Tab>/<Alt-Tab> between elements | <Space> selects | <F12> next screen

Welcome to SME Server

Media Check

If you would like to test additional media, insert the next CD and press "Test". You do not have to test all CDs, although it is recommended you do so at least once.
To begin the installation process insert CD #1 into the drive and press "Continue".



<Tab>/<Alt-Tab> between elements | <Space> selects | <F12> next screen

Language Selection

What language would you like to use during the installation process?

- Bulgarian
- Danish
- Dutch
- English**
- French
- German
- Hungarian
- Italian

OK **Back**

<Tab>/<Alt-Tab> between elements | <Space> selects | <F12> next screen

Keyboard Selection

Which model keyboard is attached to this computer?

- de
- de- latin1
- de- latin1- nodeadkeys**
- dev
- dk
- dk- latin1
- dvorak/dvorak
- es

OK **Back**

<Tab>/<Alt-Tab> between elements | <Space> selects | <F12> next screen



<Tab>/<Alt-Tab> between elements | <Space> selects | <F12> next screen



<Tab>/<Alt-Tab> between elements | <Space> selects | <F12> next screen

SME Server Released via the GPL

Package Installation

Name : binutils-2.15.92.0.2-25-i386
Size : 6856k
Summary: A GNU collection of binary utilities.

100%

	Packages	Bytes	Time
Total :	522	1233M	0:01:38
Completed:	342	977M	0:01:18
Remaining:	180	256M	0:00:20

79%

<Tab>/<Alt-Tab> between elements | <Space> selects | <F12> next screen

SME Server Released via the GPL

Post Install

Performing post install configuration...

50%

<Tab>/<Alt-Tab> between elements | <Space> selects | <F12> next screen

Complete

Congratulations, your SME Server installation is complete.

Remove any installation media (diskettes or CD-ROMs) used during the installation process and press <Enter> to reboot your system.

Reboot

<Enter> to reboot

Restore From Backup

Do you wish to restore from backup?

< Yes >

< No >

Choose administrator password

Welcome to the server console!

You will now be taken through a sequence of screens to perform basic networking configuration on this server.

You can make your selections in each screen using the Arrow and Tab keys. At any point, if you select Back you will be returned to the previous screen.

Before you start, you must first choose the administrator password for your system and enter it below. You will not see the password as you enter it.

*****_

< Next >

< Back >

Choose administrator password

Please type your administrator password again to verify.

[< Next >](#)[< Back >](#)

Primary domain name

Please enter the primary domain name for your server.

This will be the default domain for your e-mail and web server. Virtual domains can be added later using the server manager.

[< Next >](#)[< Back >](#)

Select system name

Please enter the system name for your server.

You should select unique system names for each server.

The system name must start with a letter and can be composed of letters, numbers and hyphens.

[< Next >](#)[< Back >](#)

Local networking parameters

Please enter the local IP address for this server.

If this server is the first machine on your network, we recommend accepting the default value unless you have a specific reason to choose something else.

If your server is being installed into an existing network, you must choose an address which is not in use by any other computer on this network.

[< Next >](#)[< Back >](#)

Select local subnet mask

Please enter the local subnet mask for this server.

If this server is the first machine on your network, we recommend using the default unless you have a specific reason to choose something else.

If your server is being installed into an existing network, you must choose the same subnet mask used by other computers on this network.

[< Next >](#)[< Back >](#)

Select operation mode

If you want this server to act as a gateway to the Internet, choose one of the server and gateway options. Server and gateway mode acts as a firewall and provides an external web and mail server. Private server and gateway mode also acts as a firewall but disables all incoming services.

Server-only mode provides services to a local, protected network. If you choose this mode and Internet access is required, the network must be protected by another server configured in server and gateway mode (or another firewall).

1. Server and gateway
2. Private server and gateway
3. **Server-only**

[< Next >](#)[< Back >](#)

This screen is not shown when only a single NIC is installed.

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NIC Bonding

You have more than one network adapter. Would you like to bond them together into a single interface? This can provide greater throughput and/or failure resiliency, depending on your adapters and network configuration.

enabled Enable NIC bonding
 disabled Disable NIC bonding

< Next > < Back >

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Select gateway IP address

In server-only mode, this server will use only one ethernet adapter connected to your local network. If you have a firewall and wish to use this server as your e-mail/web server, you should consult the firewall documentation for networking details.

Please specify the gateway IP address that this server should use to access the Internet. Leave blank if you have no Internet access.

192.168.1.1_

< Next > < Back >

Select DHCP server configuration

Please specify whether you would like this server to provide DHCP service to your local network. This will let you assign IP addresses to your other network computers automatically by configuring them to obtain their IP information using DHCP.

We strongly advise that all clients are configured using DHCP.

- On** Provide DHCP service to local network
 Off Do not provide DHCP service to local network

< **Next** >

< **Back** >

Corporate DNS server address

If this server does not have access to the Internet, or you have special requirements for DNS resolution, enter the DNS server IP address here.

This field should be left blank unless you have a specific reason to configure another DNS server.

You should not enter the address of your ISP's DNS servers here, as the server is capable of resolving all Internet DNS names without this additional configuration.

—

< **Next** >

< **Back** >

Activate configuration changes

Your configuration changes will now be activated. The configuration files on this server will be changed to reflect your new settings. This may take a few minutes.

Do you wish to activate your changes?

< Yes >

< No >

Activating configuration settings

Please stand by while your configuration settings are activated ...

Login as user **admin** with **root** password.

The screenshot shows a Mozilla Firefox browser window with the address bar displaying `https://192.168.1.50/server-manager/`. The page title is "SME Server sme.example.com - Mozilla Firefox". The browser's menu bar includes "Datei", "Bearbeiten", "Ansicht", "Chronik", "Lesezeichen", "Extras", and "Hilfe".

The web interface header shows the "SME Server" logo and "Server manager". Below the header, the user is logged in as `admin@sme.example.com` with a "Logout" button. A left-hand navigation menu is visible, with categories: "Collaboration" (Users, Groups, Quotas, Pseudonyms, Information bays), "Administration" (Backup or restore, View log files, Mail log file analysis, Reboot or shutdown), "Security" (Remote access, Local networks, Port forwarding, Proxy settings), "Configuration" (Software installer, Date and time, Workgroup, Directory, Printers, Hostnames and addresses, Domains, E-mail, Antivirus (ClamAV), Review configuration), and "Miscellaneous" (Support and licensing, Create starter web site). The "Local networks" option under "Security" is highlighted with a red box.

The main content area is titled "Secure Shell Settings" and contains the following text: "You can control Secure Shell access to your server. The public setting should only be enabled by experienced administrators for remote problem diagnosis and resolution. We recommend leaving this parameter set to 'No Access' unless you have a specific reason to do otherwise." Below this text are four settings, each with a red box around it:

- Secure shell access**: Allow access only from local networks (dropdown menu)
- Allow administrative command line access over secure shell**: Yes (dropdown menu)
- Allow secure shell access using standard passwords**: Yes (dropdown menu)
- TCP Port for secure shell access**: 22 (text input field)

Below the Secure Shell settings is the "FTP Settings" section, which includes the text: "You can also control FTP access to your server. We recommend leaving this parameter set to 'no access' unless you have a specific reason to do otherwise." and "Note: these settings limit access to the server and override other settings, including those for individual information bays." Below this text are two settings, each with a red box around it:

- FTP access**: No Access (dropdown menu)
- FTP password access**: Accept passwords only from local networks (dropdown menu)

At the bottom right of the settings area is a "Save" button. At the bottom left, the footer text reads: "SME Server 7.4 Copyright 1999-2006 Mitel Corporation All rights reserved."