

TO:

FROM: ARND.SPIERING@AS-INFORMATIK.NET

SUBJECT: ASTARO SECURITY GATEWAY V8

DATE: 24.11.2011

Inhalt

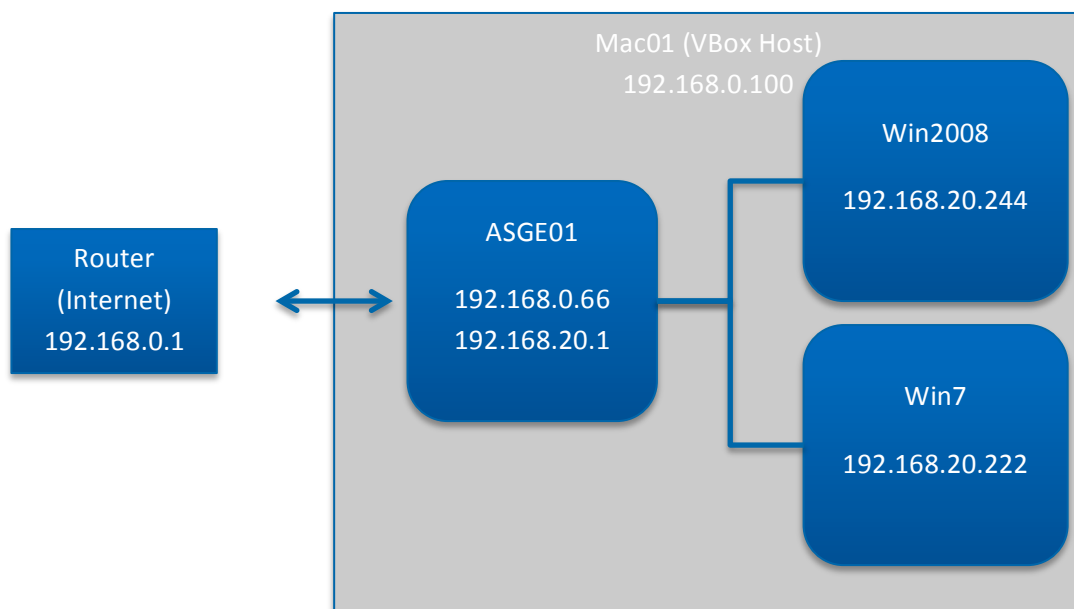
Dieses Dokument beschreibt die Installation und die ersten Konfigurationsschritte des Astaro Security Gateway Essential V8.

Dabei handelt es sich um eine kostenlose (auch für Unternehmen einsetzbare) Firewall.

<http://www.astaro.com/landingpages/de-dach-essential-firewall>

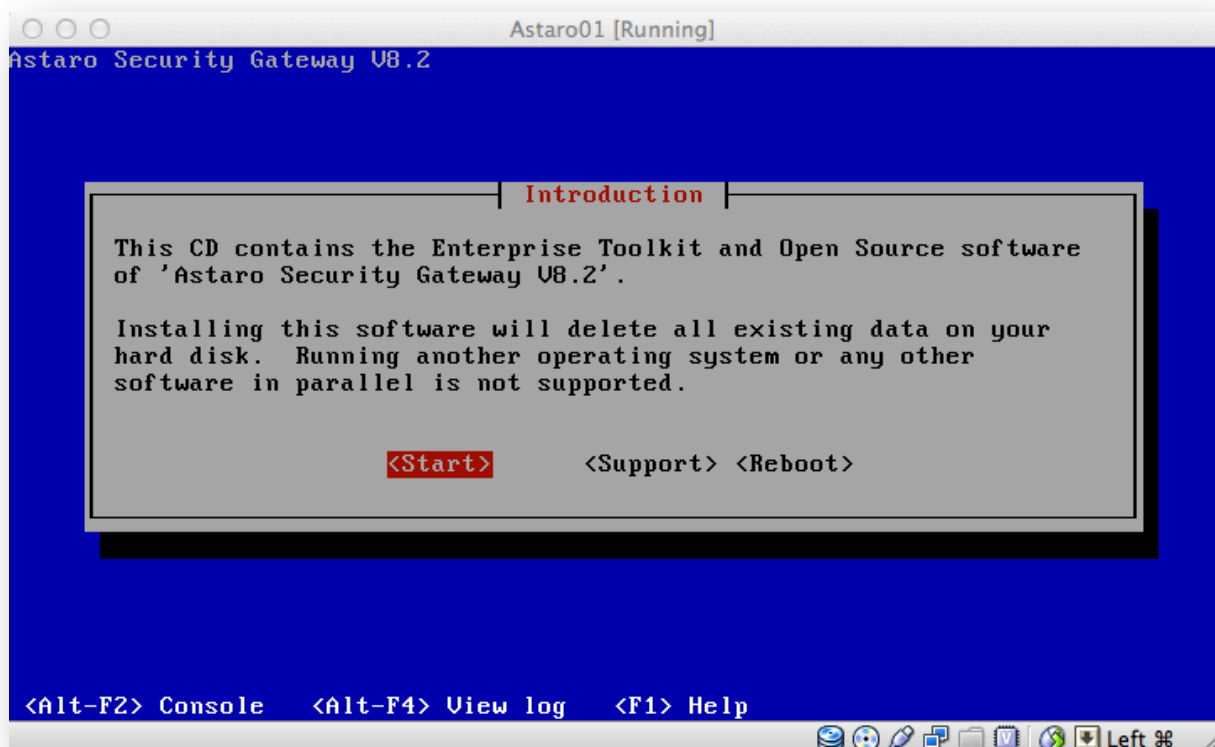
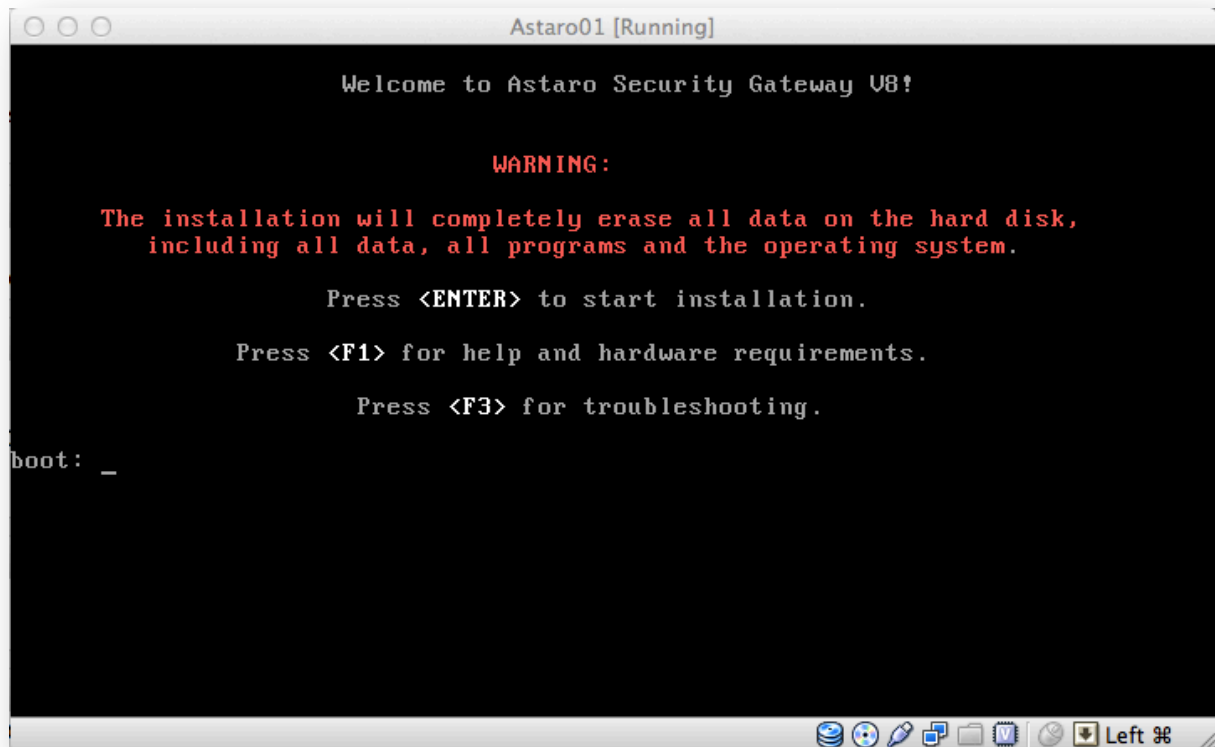
Die Software kann auf Intel basierender Hardware installiert werden. Hier in diesem Beispiel wird eine Virtual Box mit Linux 2.6 64Bit betrieben.

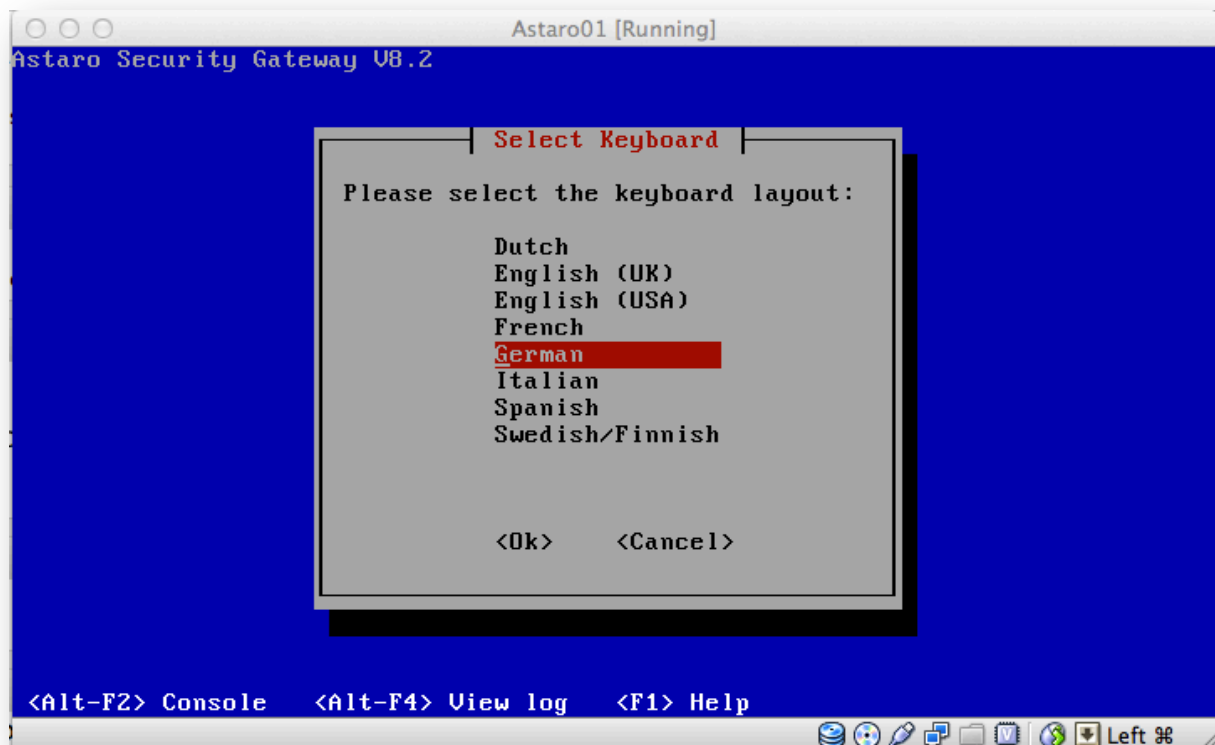
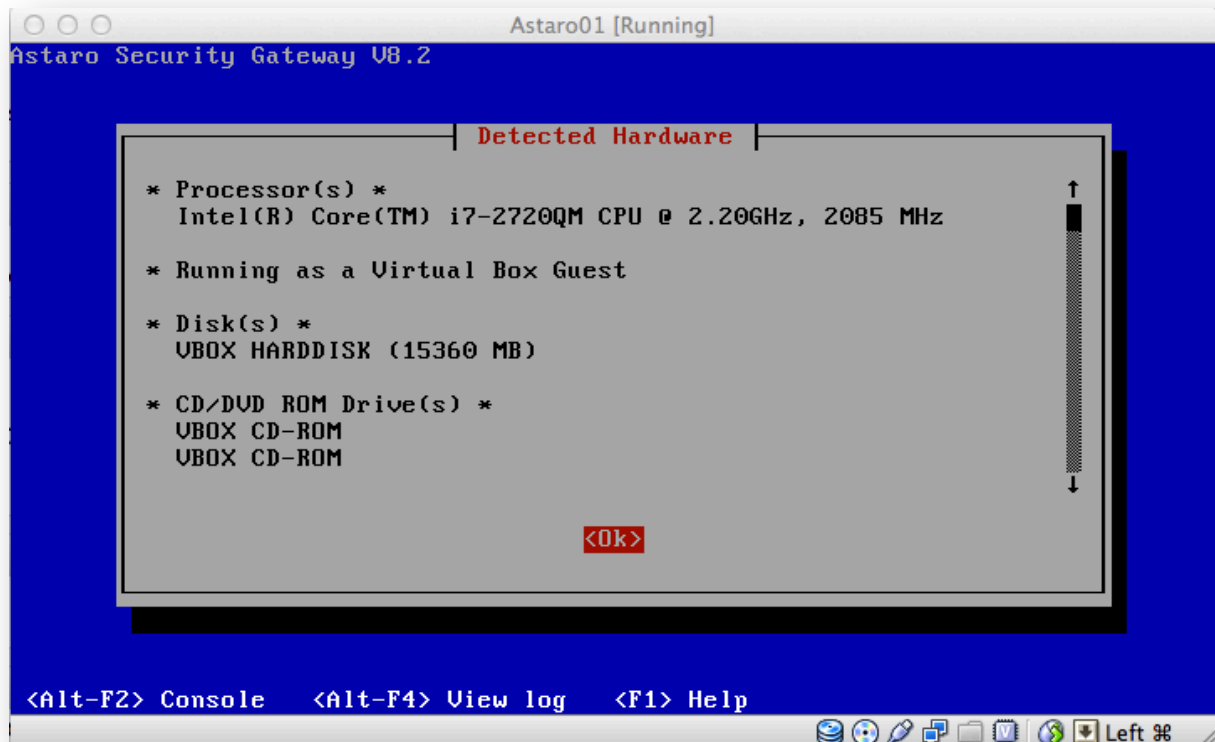
Geplante Netzstruktur

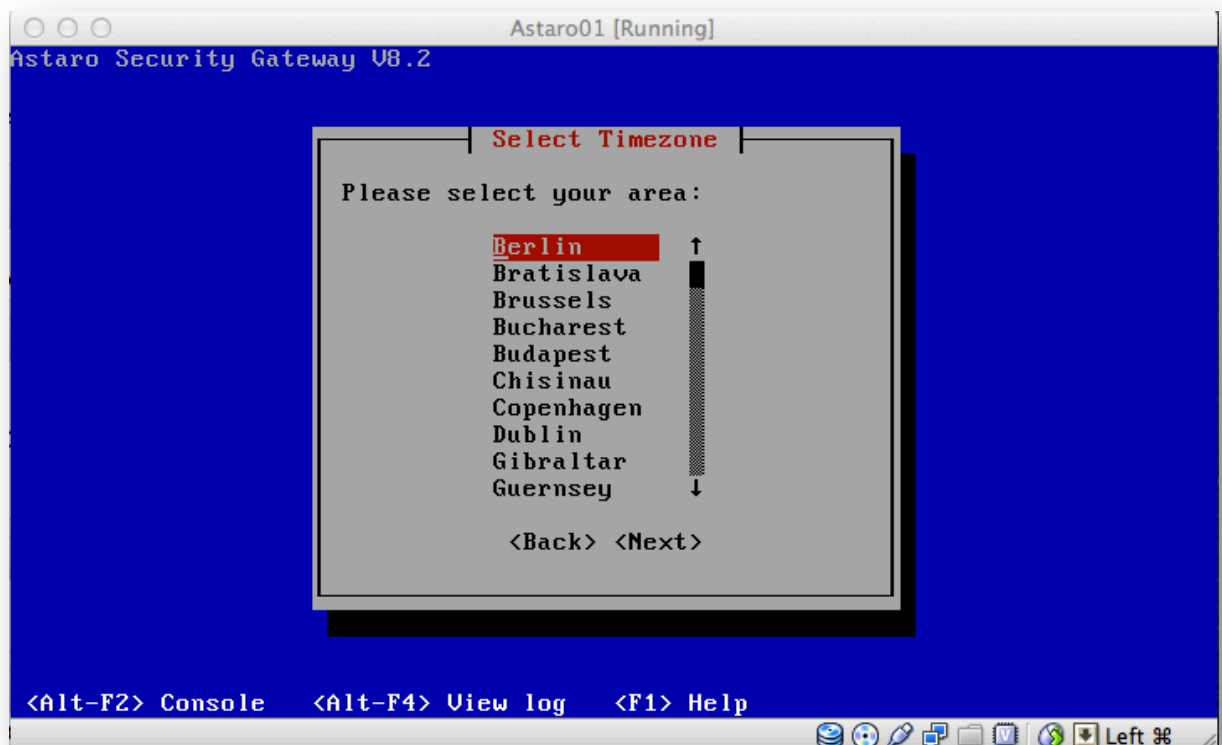
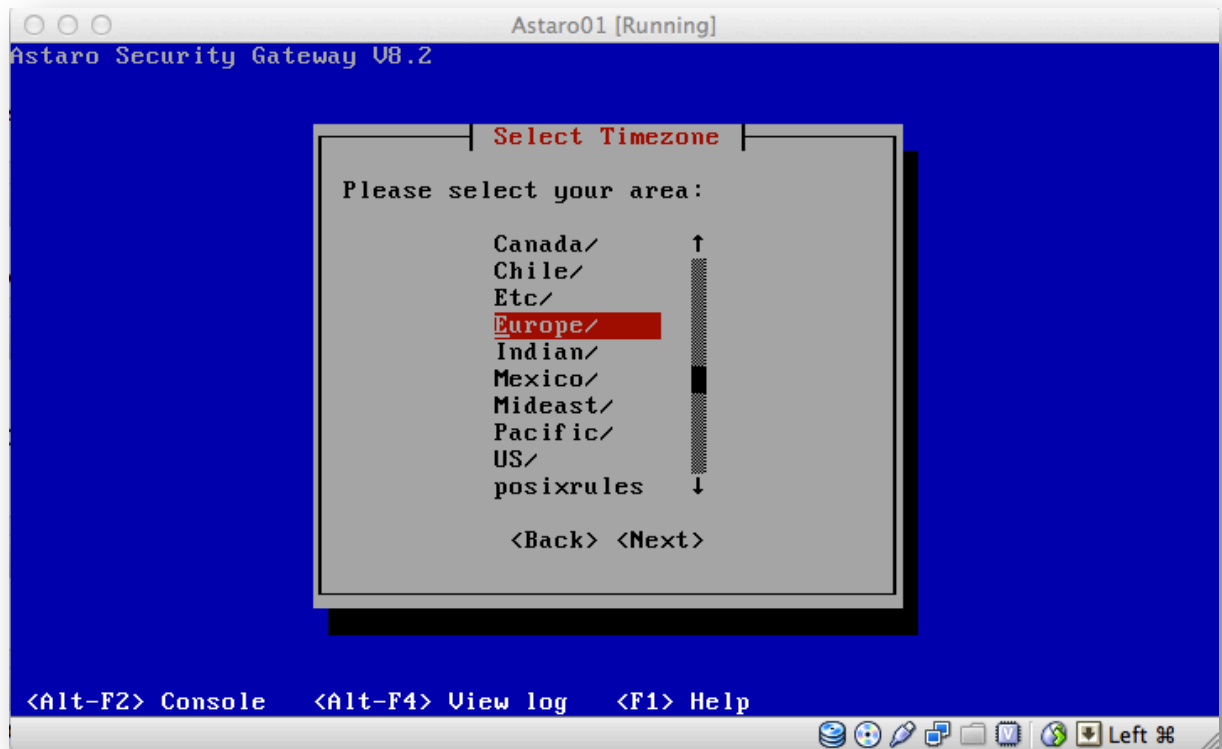


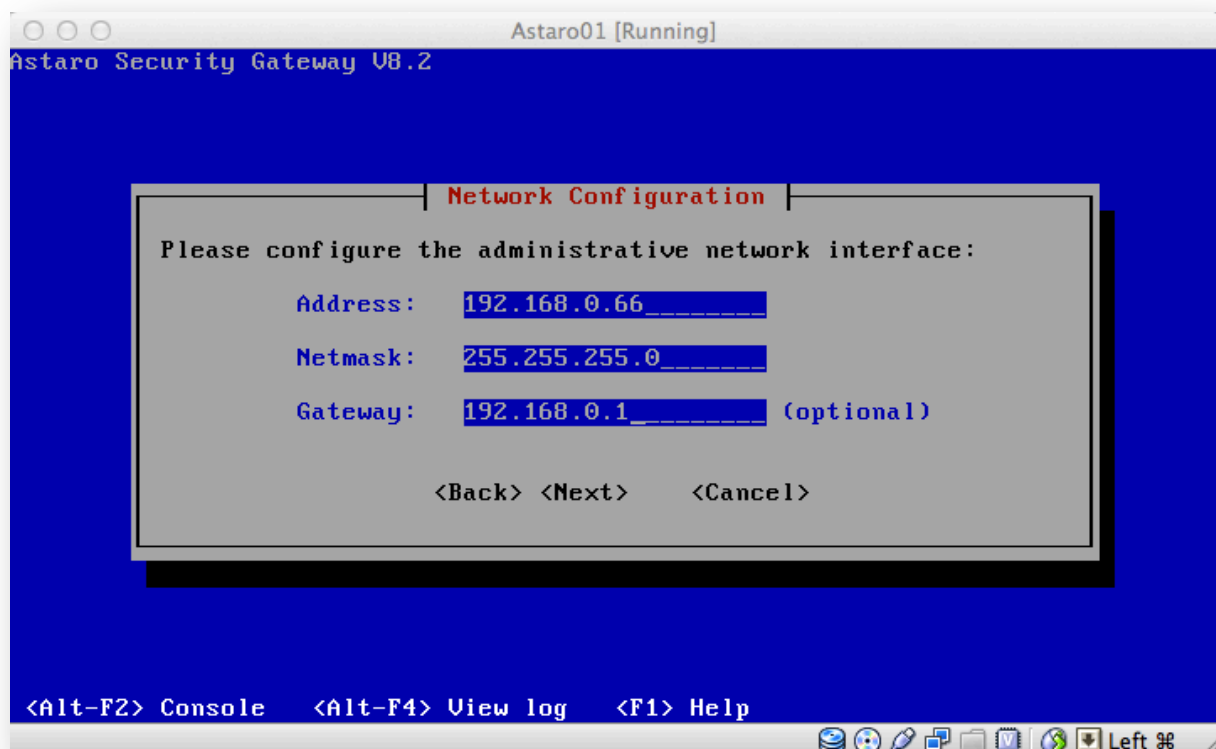
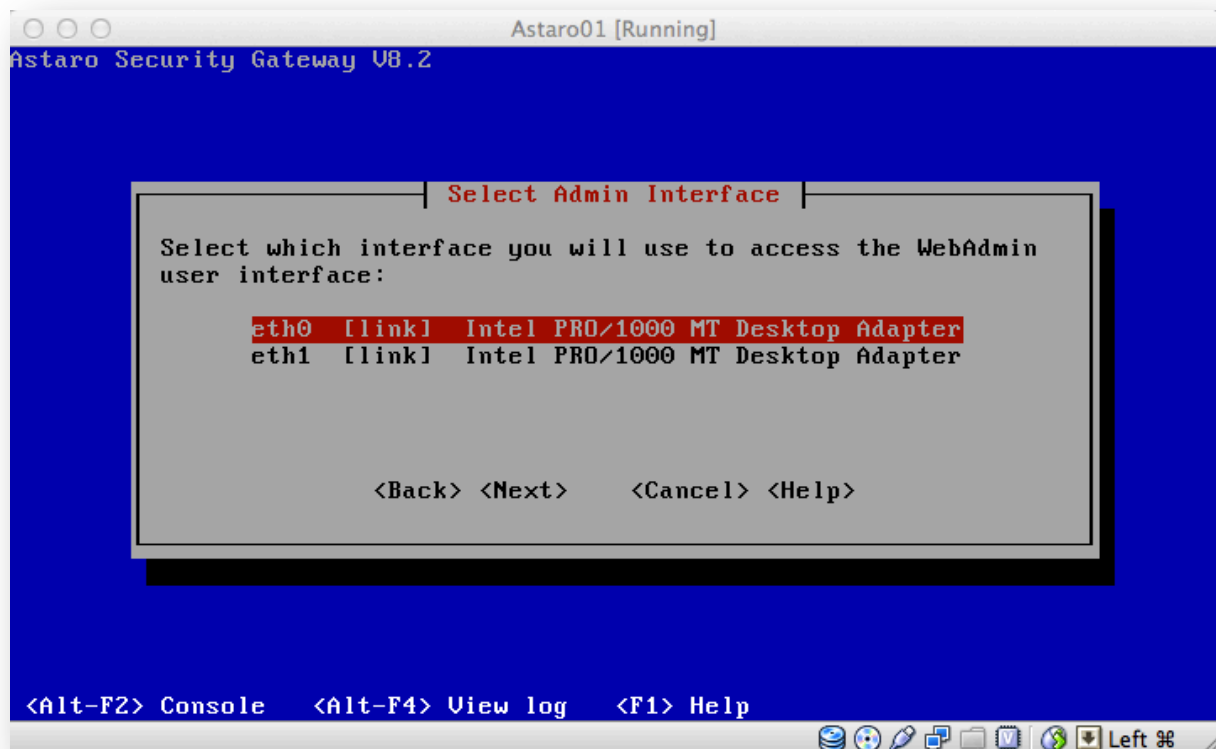
Ziel ist es zunächst, über den Rechner ASG01 (Astaro Security Gateway) einen Internetzugriff für die internen Clients (Windows 2008 Server und Windows 7 Client) bereitzustellen. Der Windows Server und der Windows 7 Client besitzen jeweils nur ein Internal Network in der Virtual Box (192.168.20.*). Das Gateway besitzt eine Bridged Connection (WAN) und ein Internal Network (LAN).

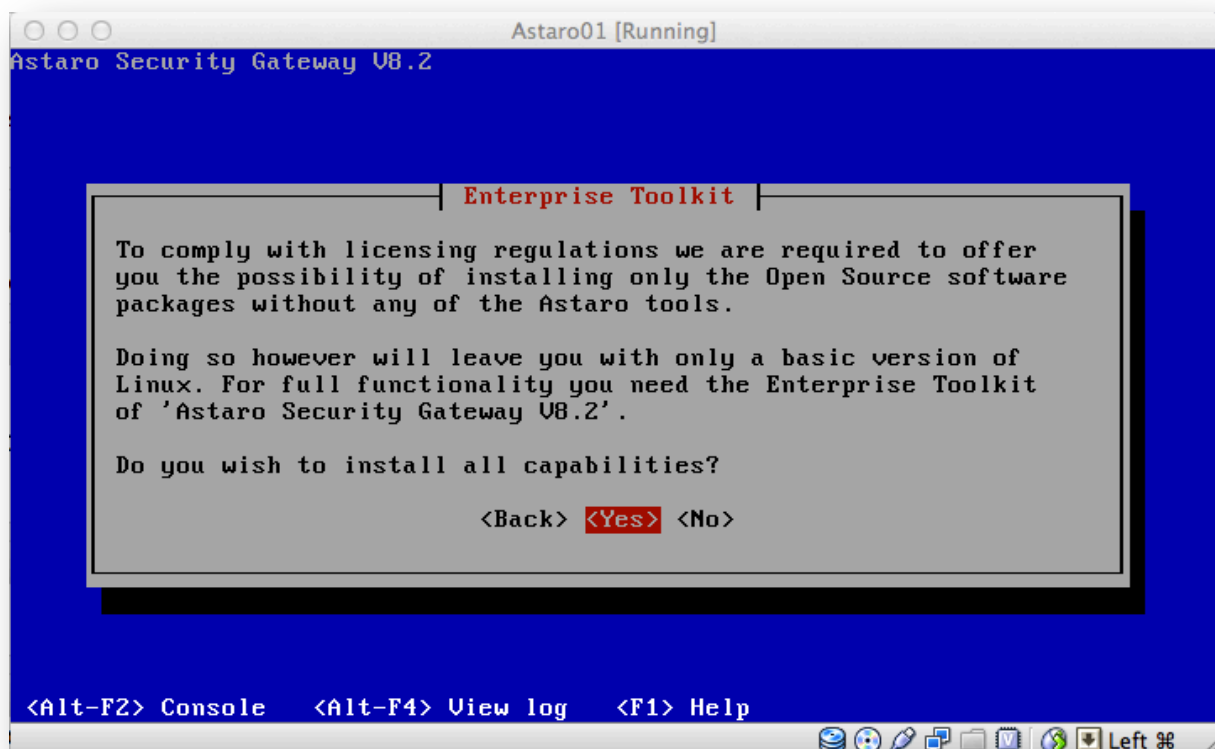
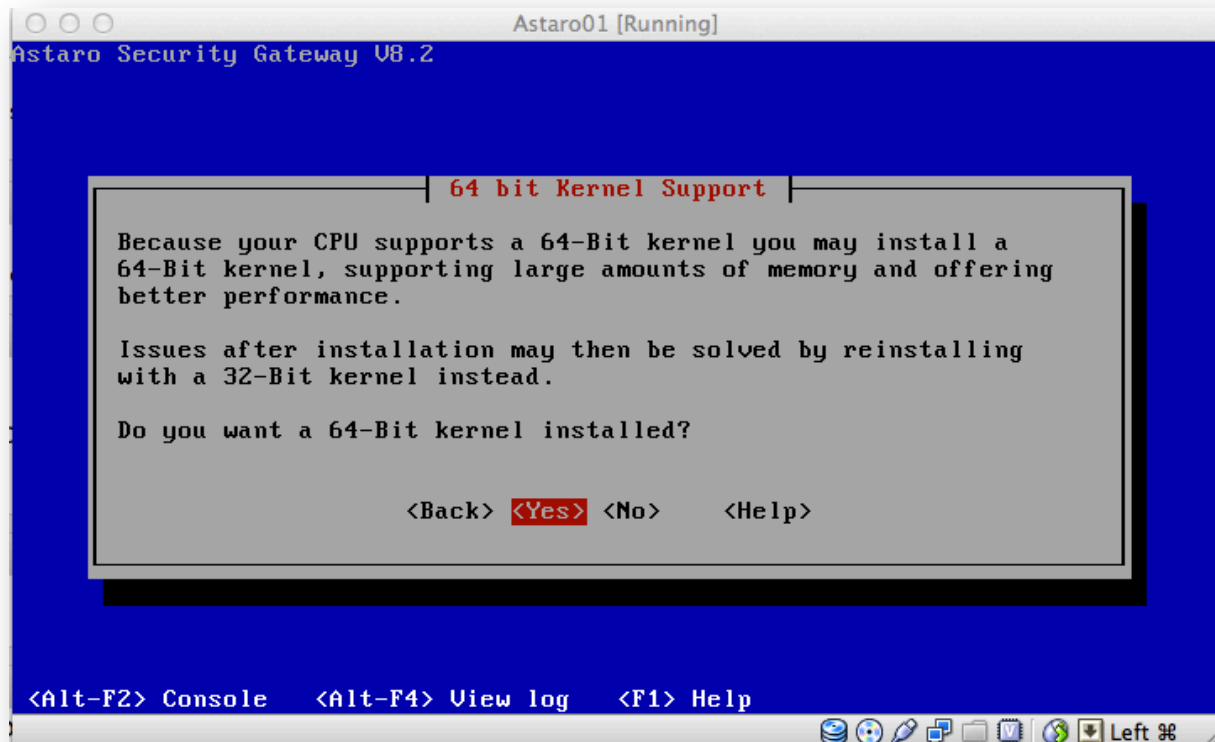
Installation

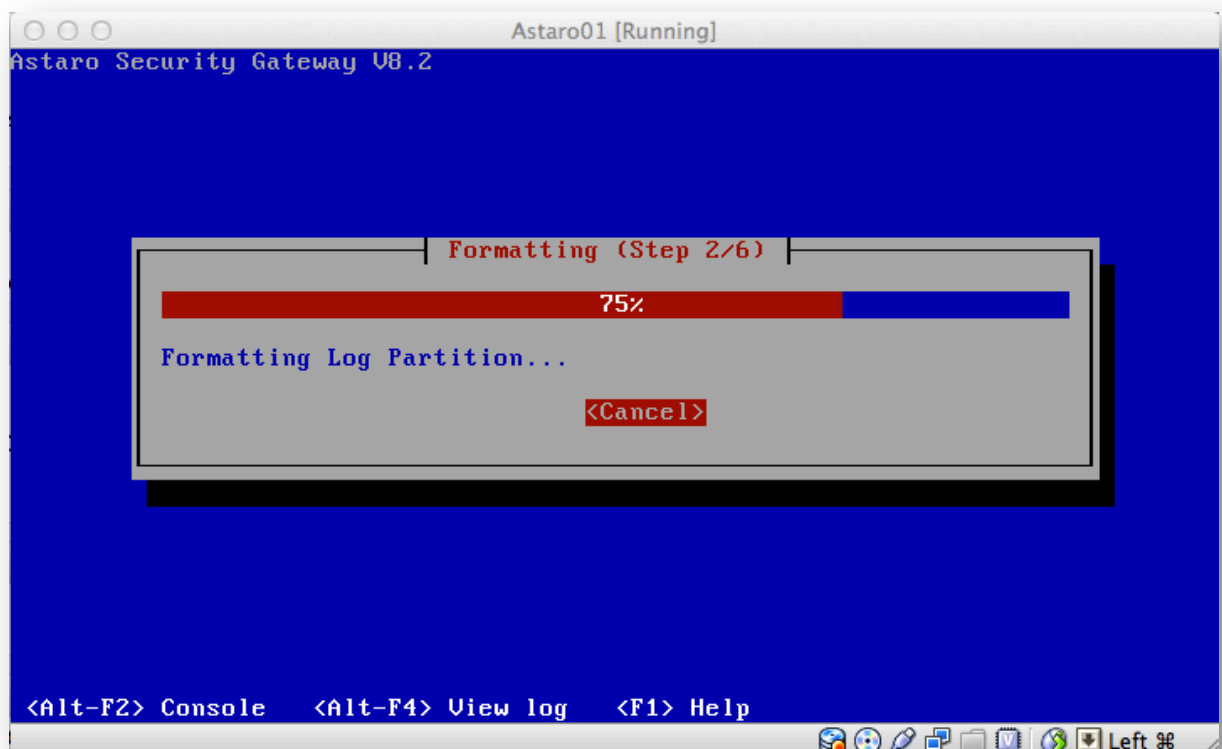
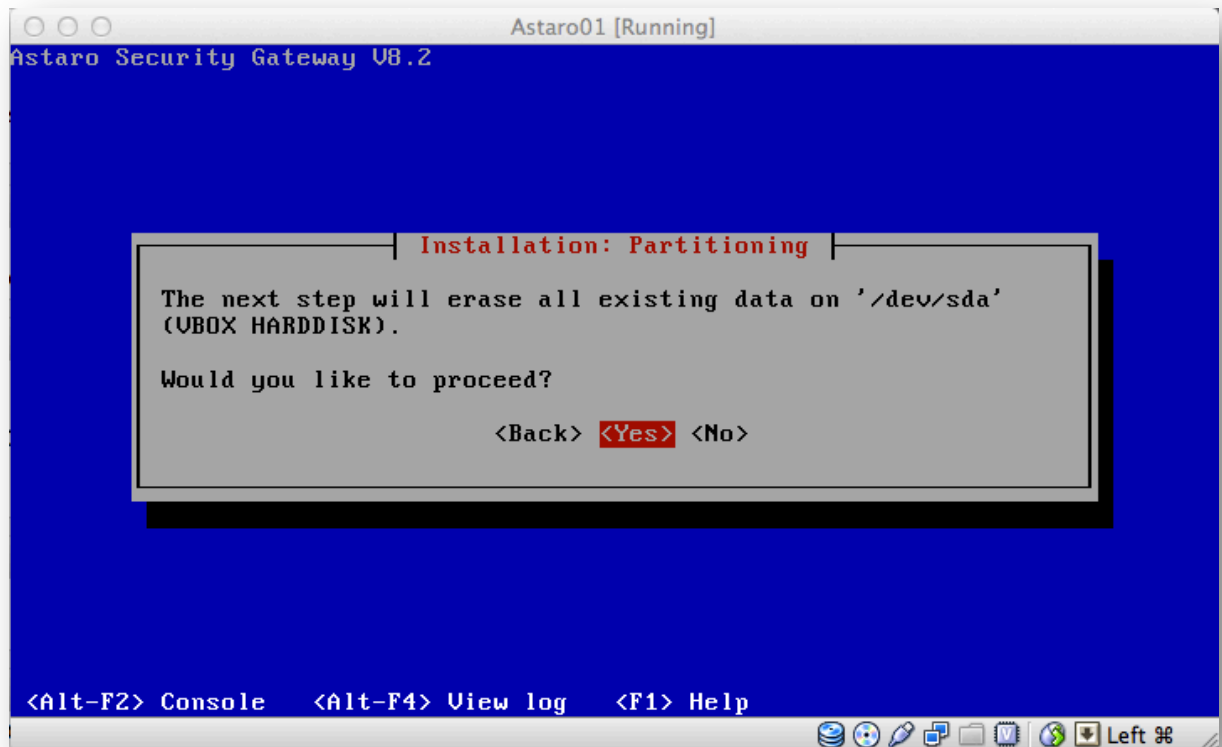


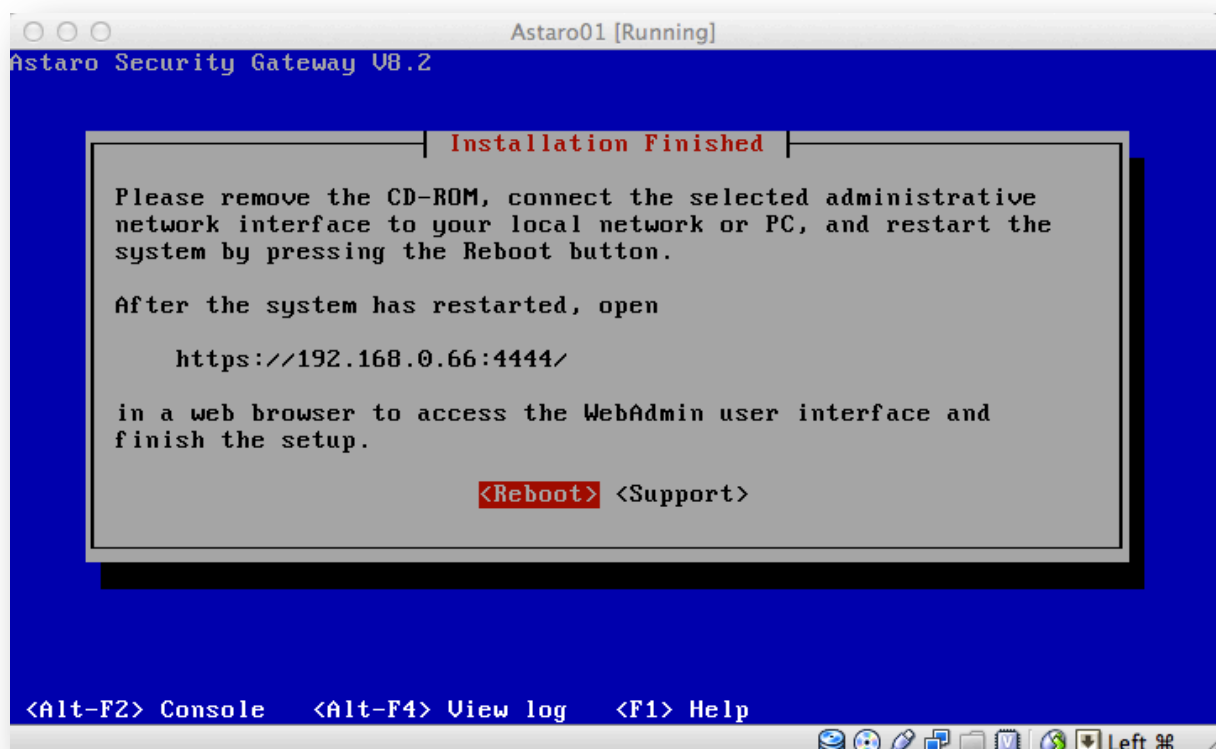
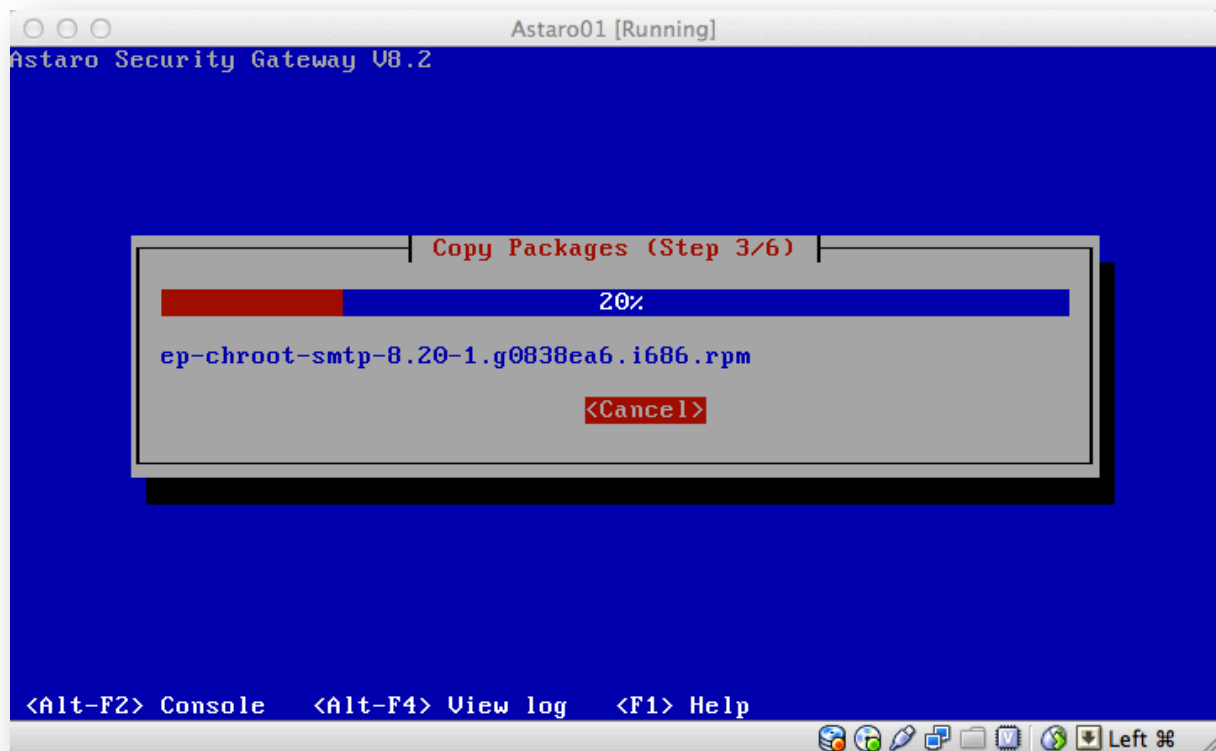


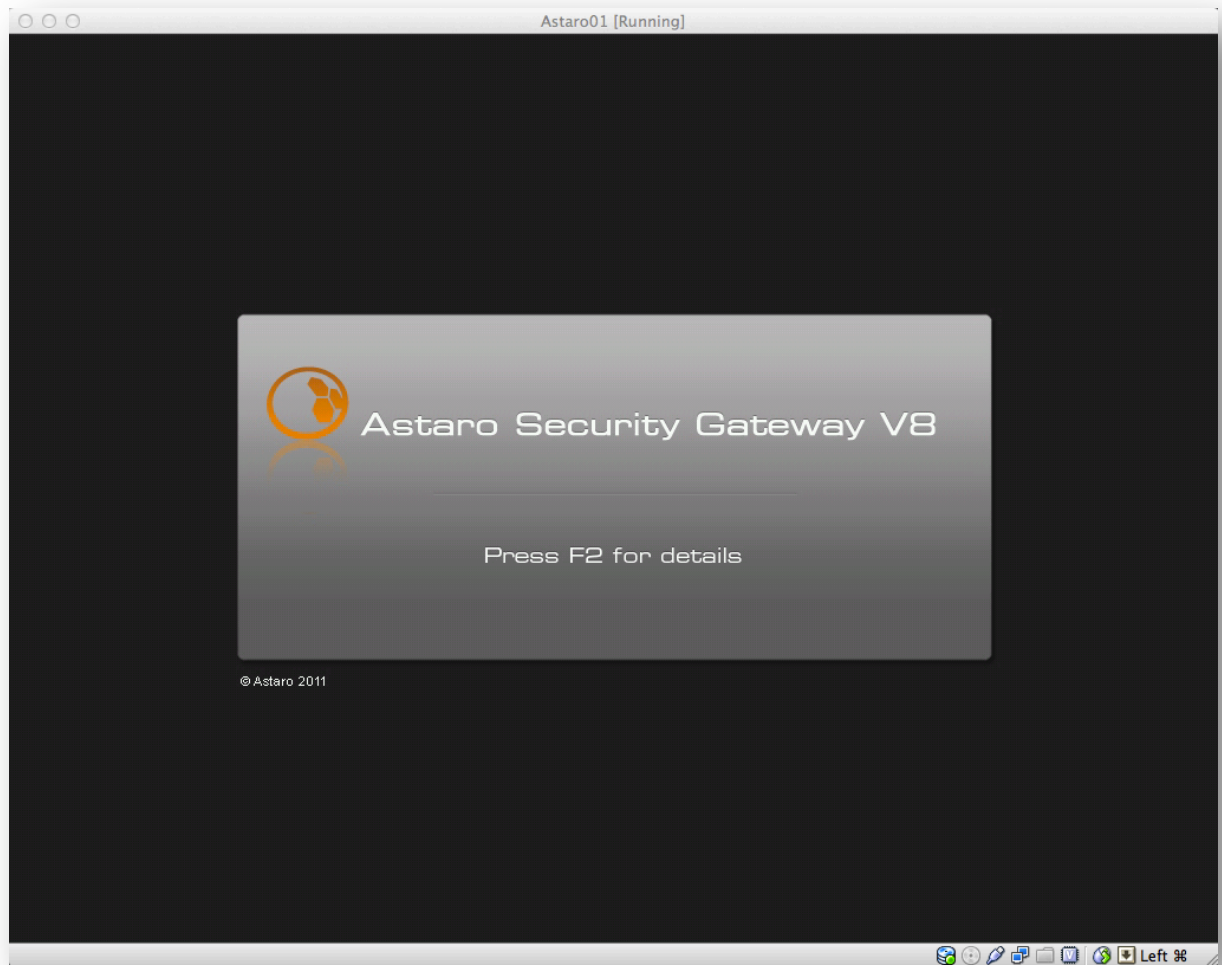












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Astaro01 [Running]

Astaro Security Gateway V8

chroot: ipsec done
chroot: ntp done
chroot: openvpn done
chroot: pop3 done
chroot: ppp done
chroot: pppoe done
chroot: pptp done
chroot: pptpc done
chroot: quagga done
chroot: reverseproxy done
chroot: rsyslog done
chroot: smtp done
chroot: snmp done
chroot: snort done
chroot: socks done
chroot: xorp done
:: Loading CPUFreq modules (CPUFreq not supported)
:: Starting HAL daemon done
:: Starting Configuration daemon done
:: Starting Sysmon daemon done
:: Starting Console Support done
:: Starting Astaro User Authentication done
:: Backup restore skipped
:: Starting Postfix done
:: Starting Notification daemon done
:: Starting WebAdmin done
:: Starting Cron done
:: Starting service at daemon done
:: Initializing the PostgreSQL database done
:: Starting PostgreSQL done
no schema upgrades found
:: Starting SSH generate SSH (version 2) RSA host key done
generate SSH (version 2) DSA host key done
generate SSH (version 2) DSA remote logfile key done
starting SSH daemon done
:: Starting ulogd done
:: Starting MiddleWare done
:: Starting Self Monitor NG done
Master Resource Control: runlevel 3 has been reached
Skipped services in runlevel 3: initasg restore

All configuration is done with WebAdmin. Go to https://192.168.0.66:4444
in your browser.

192.168.0.66
login: ^[[B

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WebAdmin

https://192.168.0.66:4444/

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Astaro Essential Firewall für Busi... WebAdmin

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Sophos Network Security

Astaro Security Gateway V8

Welcome to WebAdmin

Basic system setup

Hostname:

Company or Organization Name:

City:

Country:

admin account password:

Repeat password:


admin account email address:

These settings must be made before the system can be used. Please note that ALL fields must be filled in and the hostname must not contain special characters or spaces. After applying the settings, log into the system with username **admin** and the password you set below.


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 **Print EULA**

☒ I accept the license agreement


 **Perform basic system setup**

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WebAdmin




https://192.168.0.66:4444/Google

Astaro Essential Firewall für Busi...WebAdmin



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Astaro Security Gateway V8



Welcome to WebAdmin

Basic system setup

Hostname:

Company or Organization Name:

City:

Country:

admin account password:

Repeat password:

admin account email address:


These settings must be made before the system can be used. Please note that ALL fields must be filled in and the hostname must not contain special characters or spaces. After applying the settings, log into the system with username **admin** and the password you set below.

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
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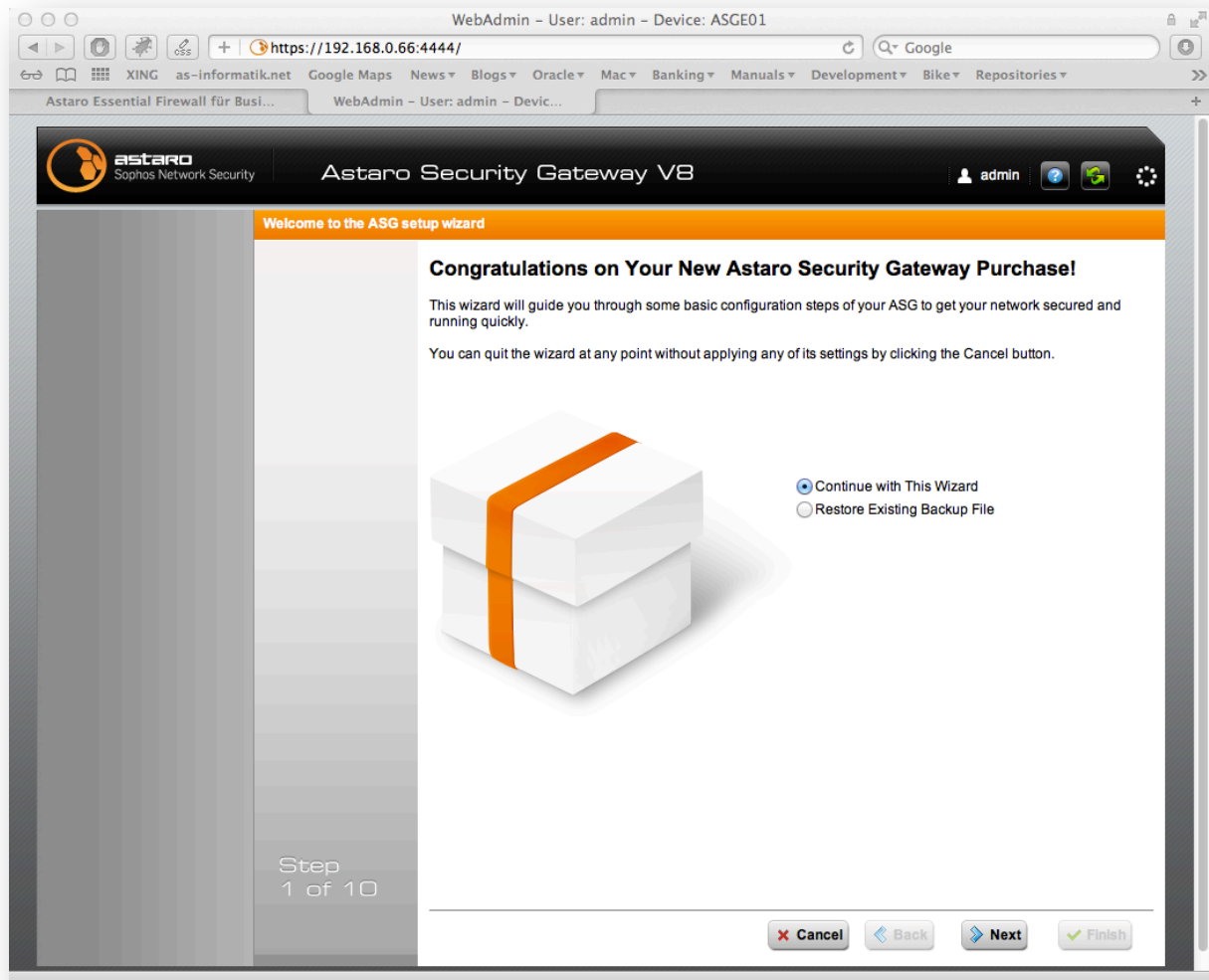
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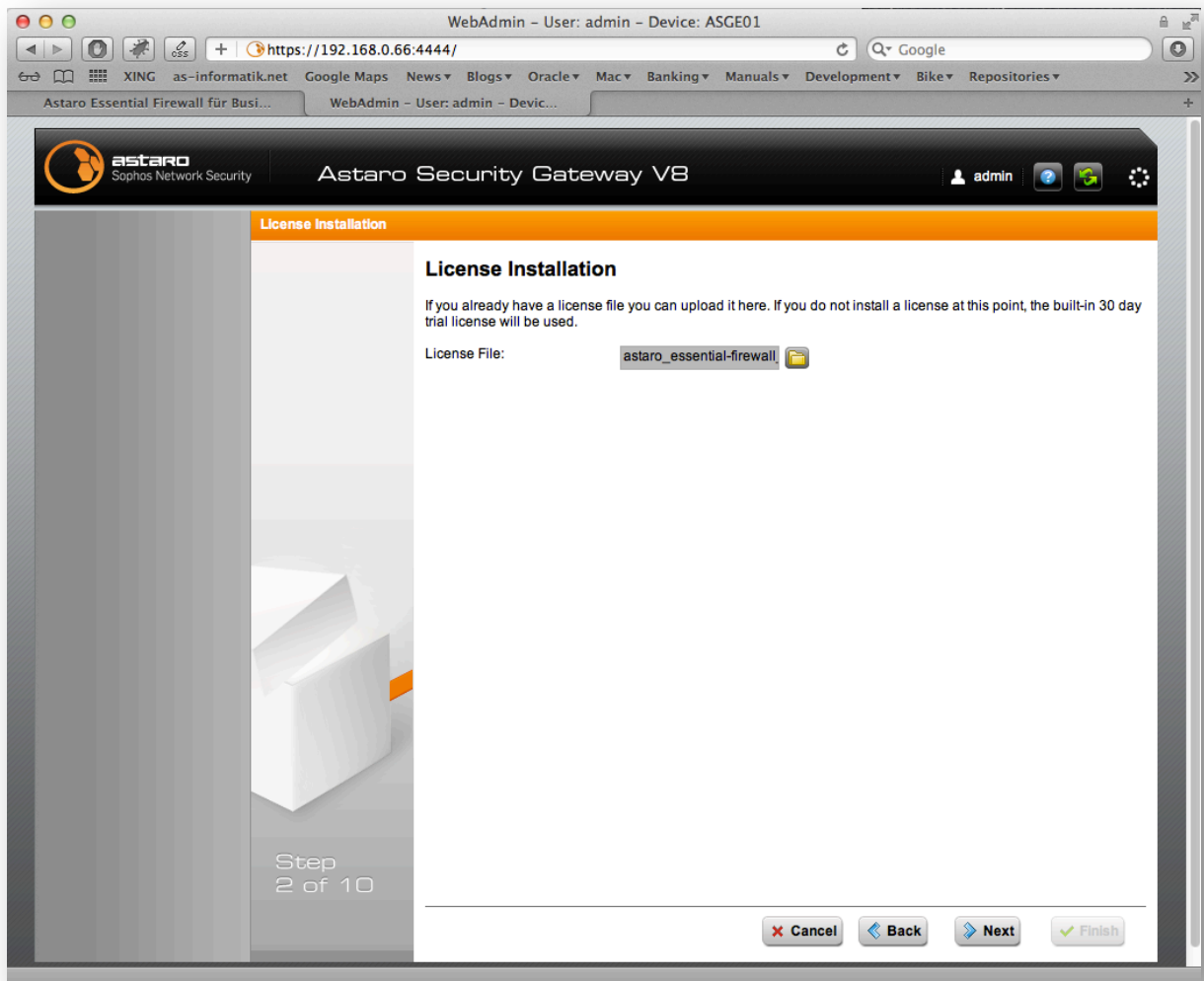
 Print EULA

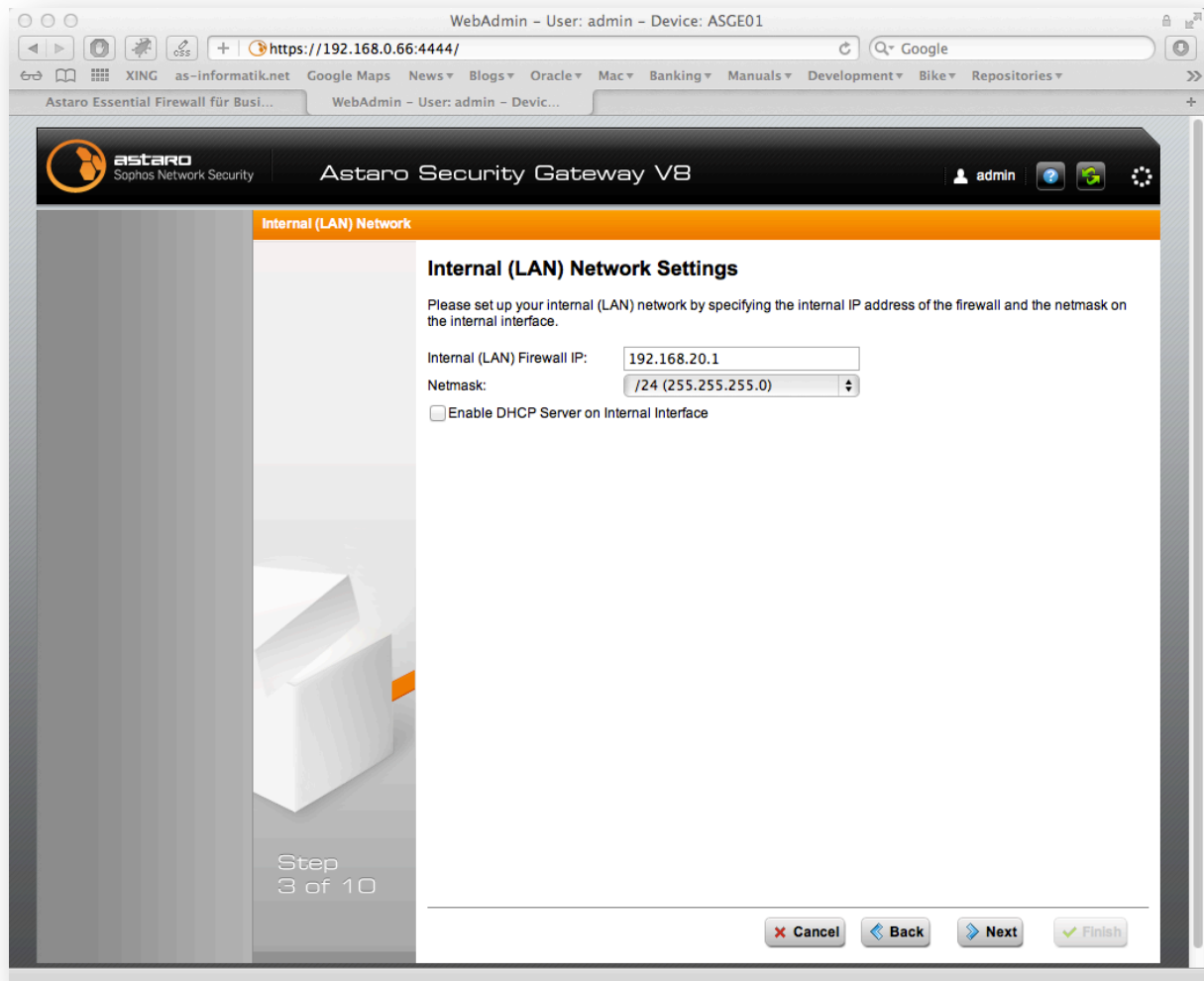
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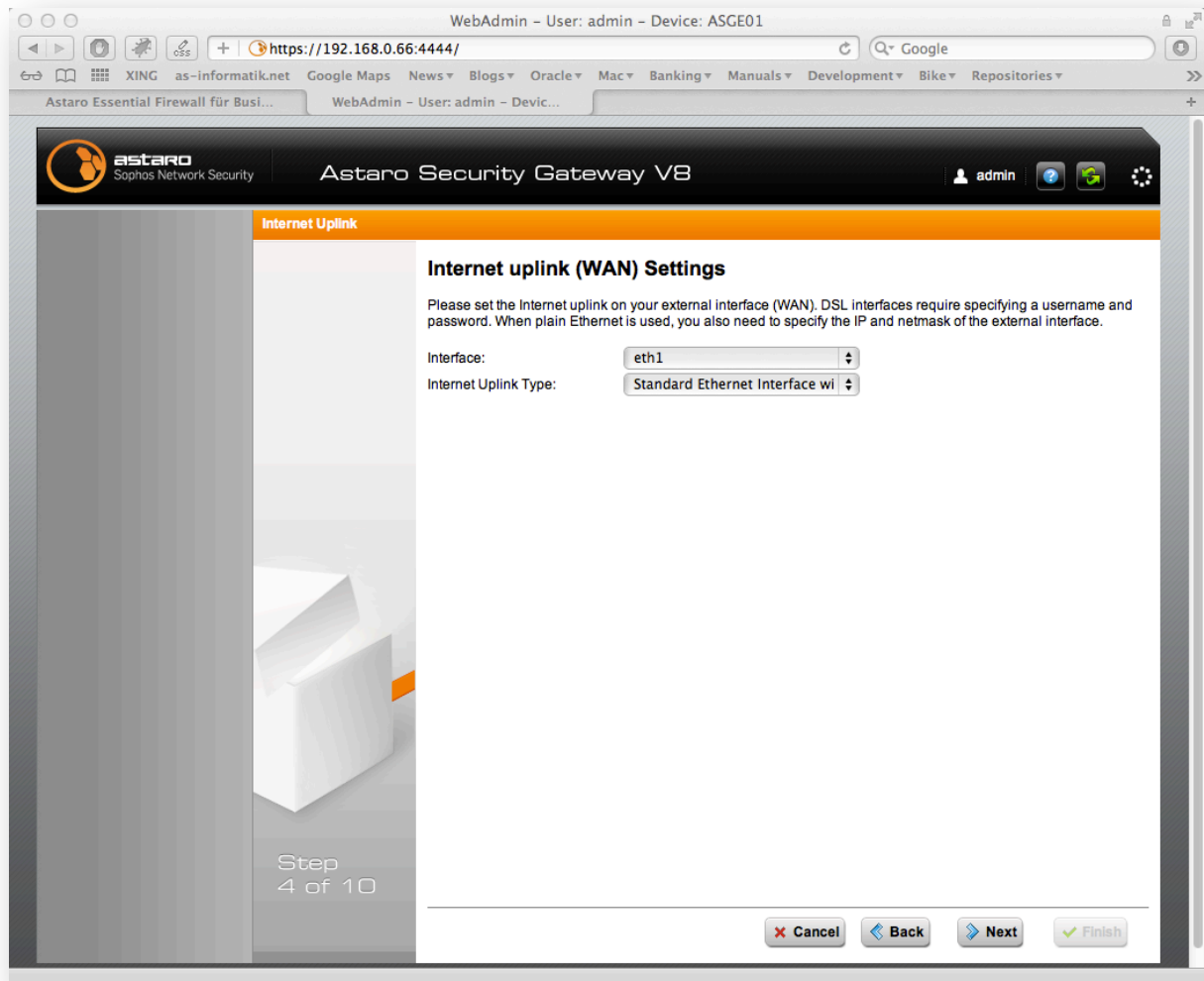
 Perform basic system setup

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WebAdmin - User: admin - Device: ASGE01

https://192.168.0.66:4444/

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Astaro Security Gateway V8

admin

Internet Uplink

Internet uplink (WAN) Settings

Please set the Internet uplink on your external interface (WAN). DSL interfaces require specifying a username and password. When plain Ethernet is used, you also need to specify the IP and netmask of the external interface.

Interface: eth1

Internet Uplink Type: Standard Ethernet Interface wi


IP Address: 192.168.0.66

Netmask: /24 (255.255.255.0)

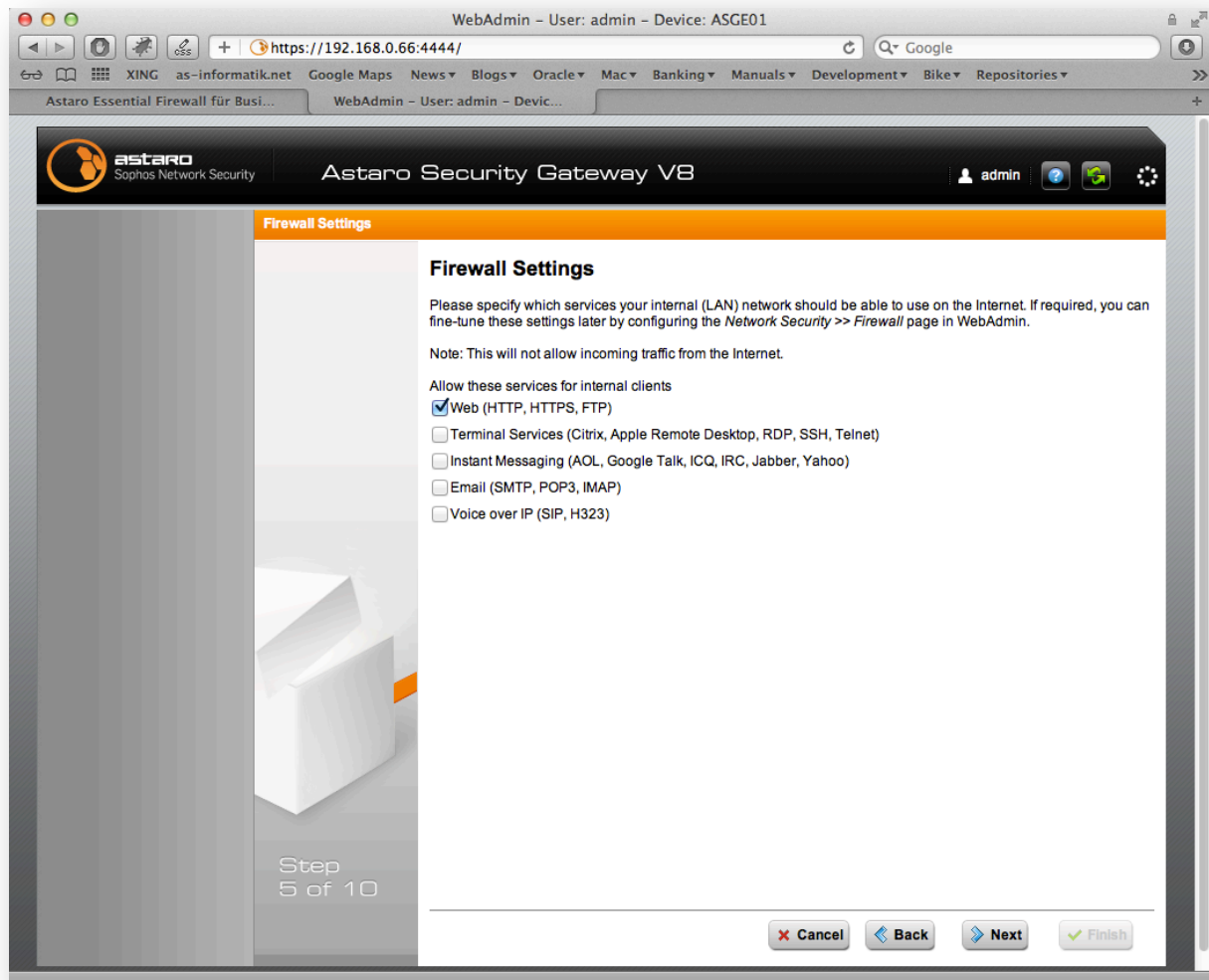
Default Gateway: 192.168.0.1

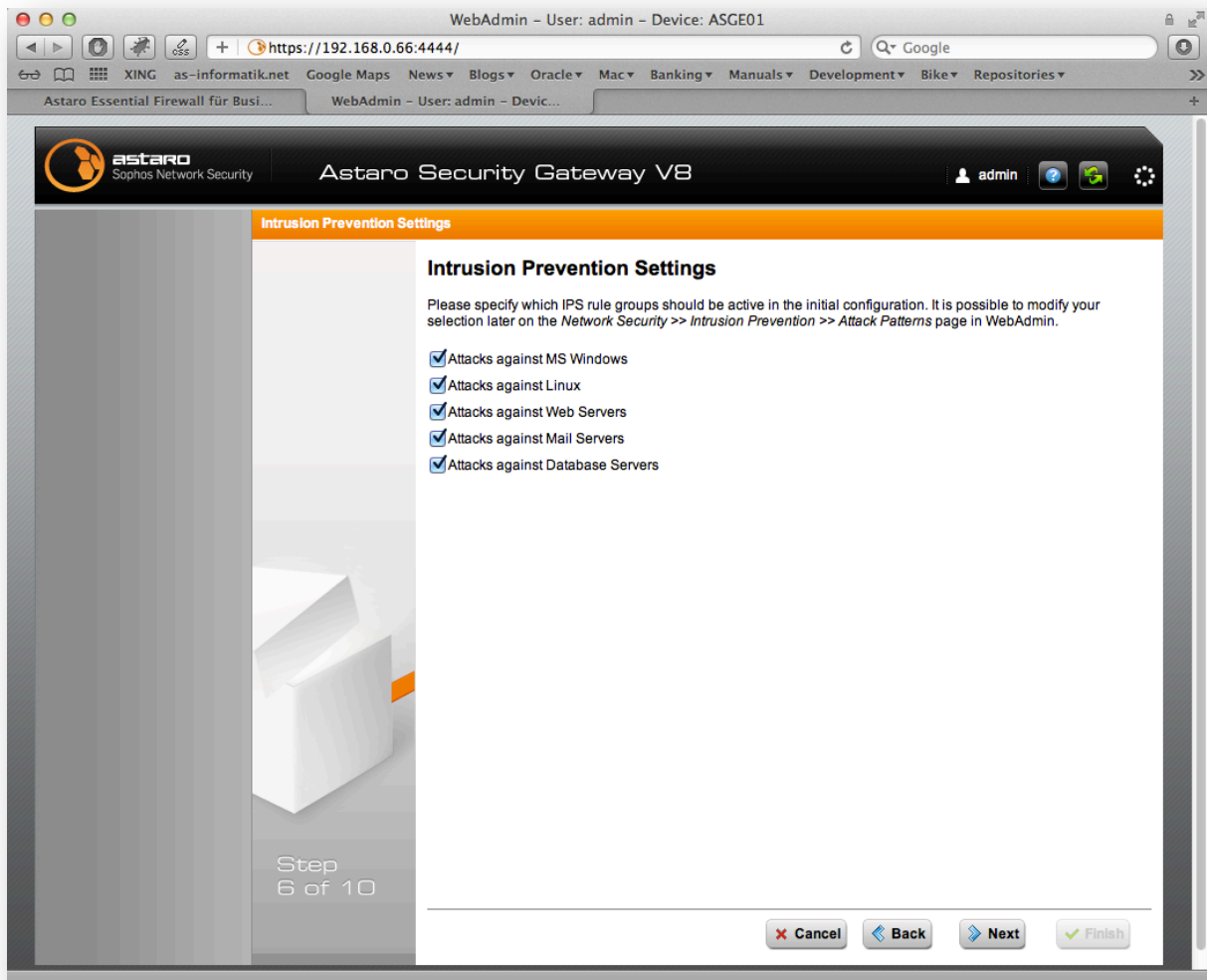
DNS Forwarder IP: 192.168.0.1

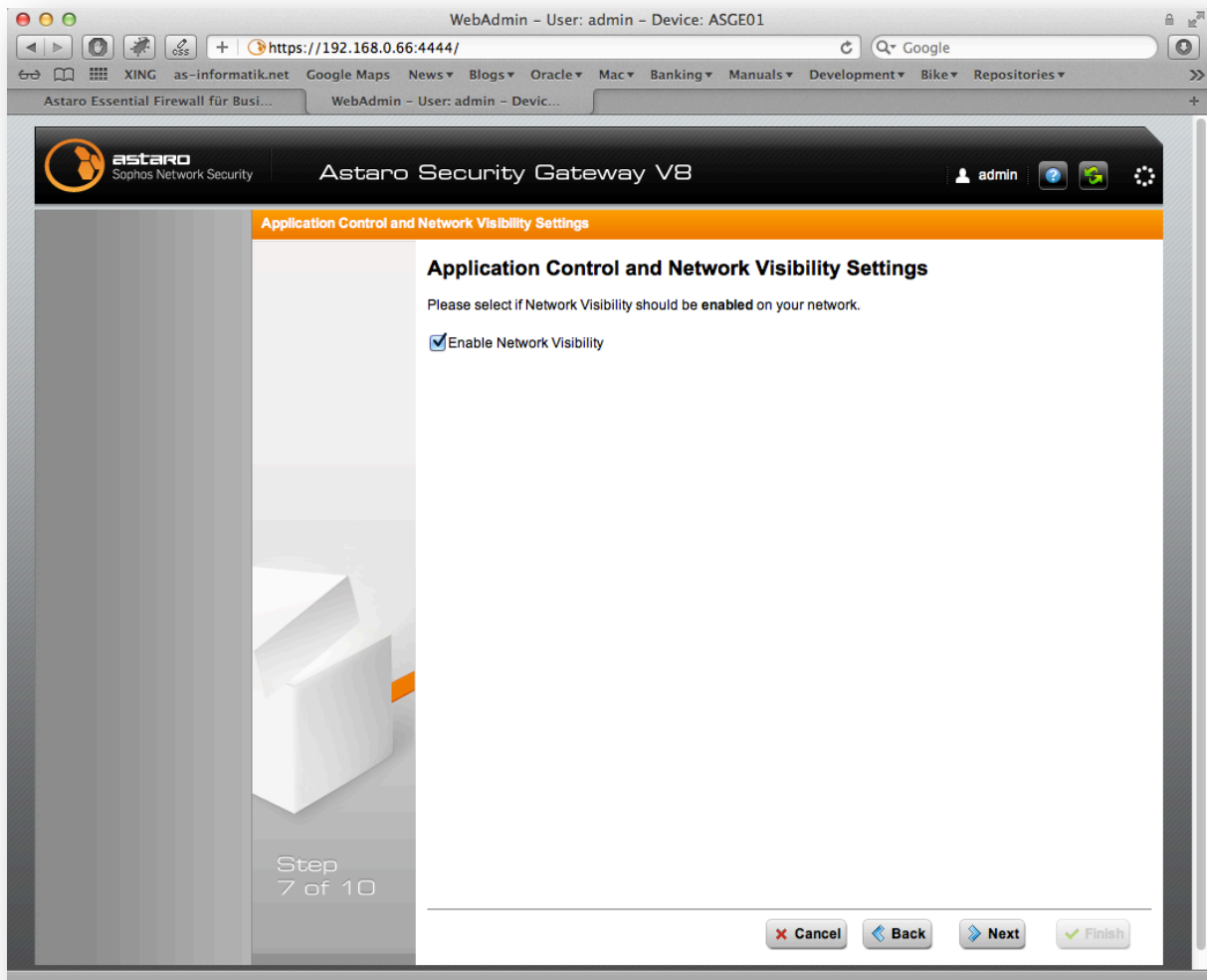
Step 4 of 10

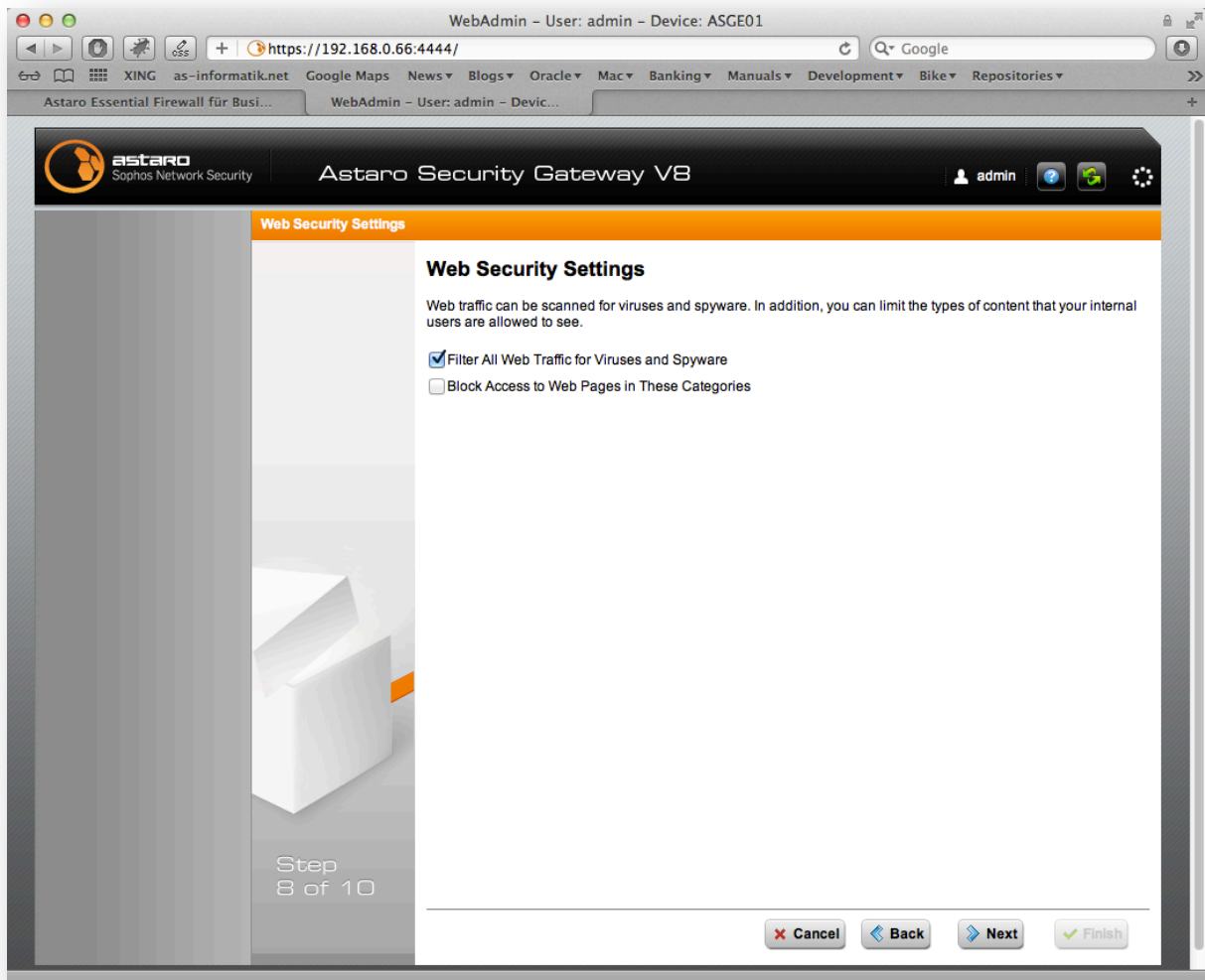
 Network address is missing.

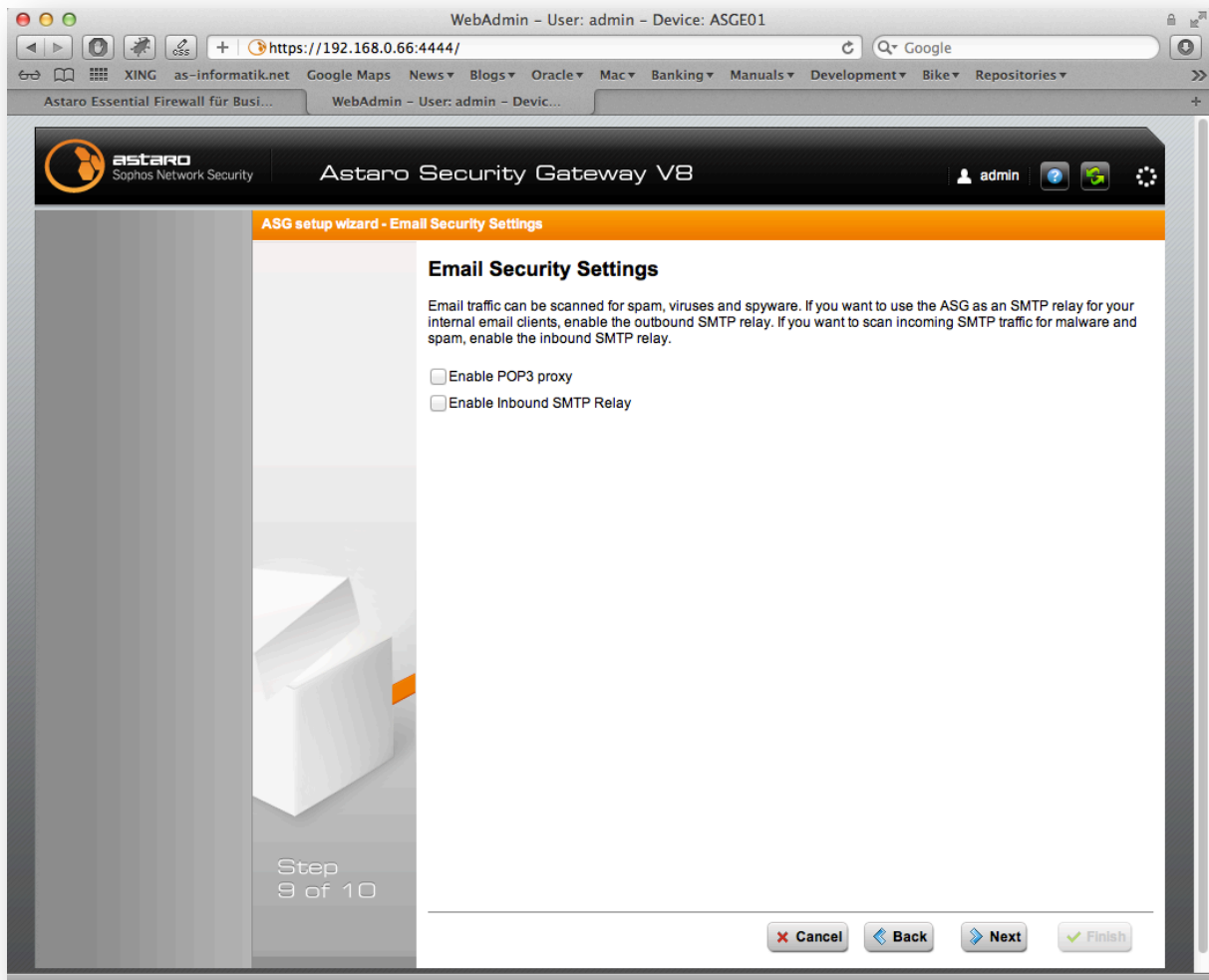
Cancel Back Next Finish

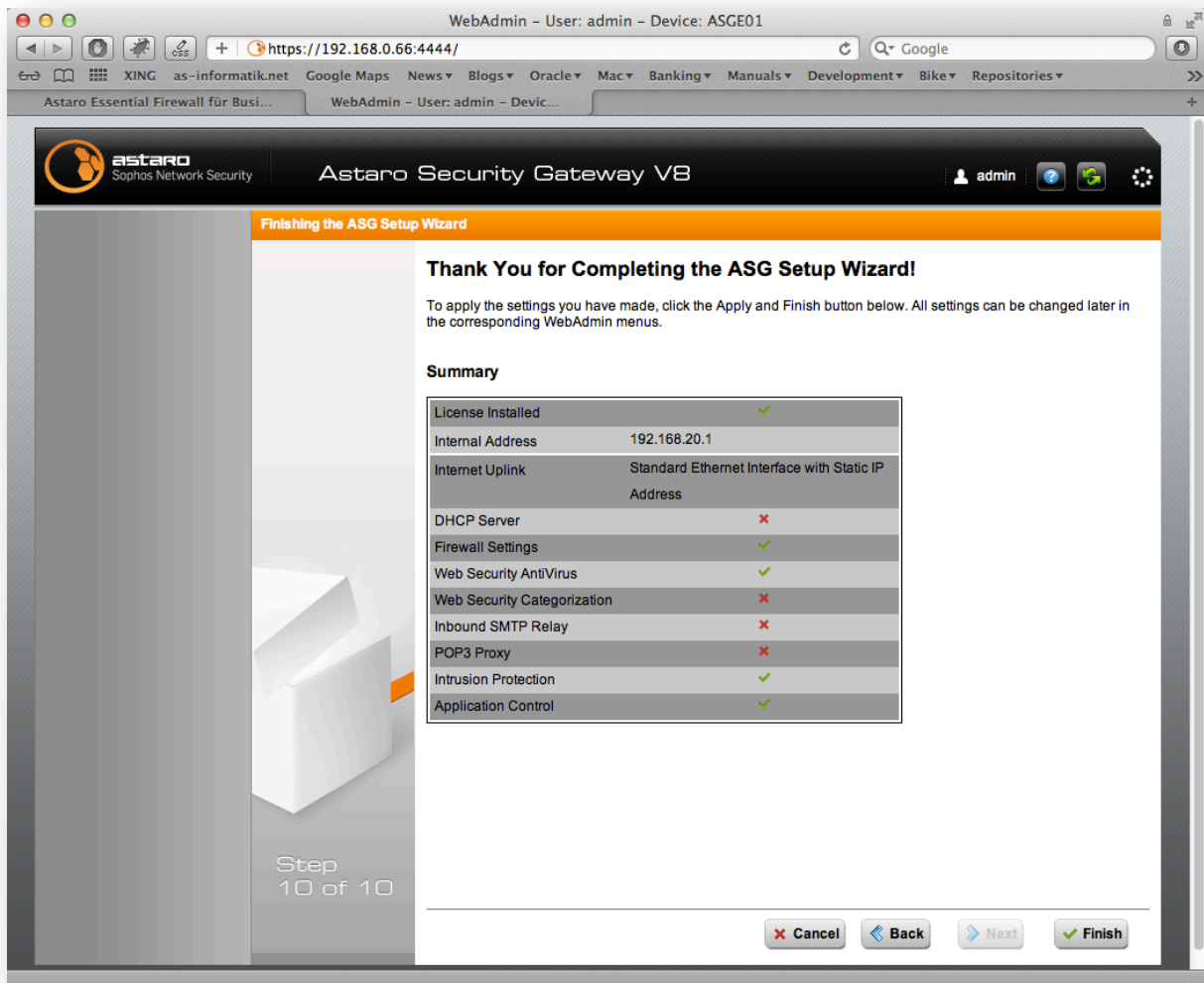




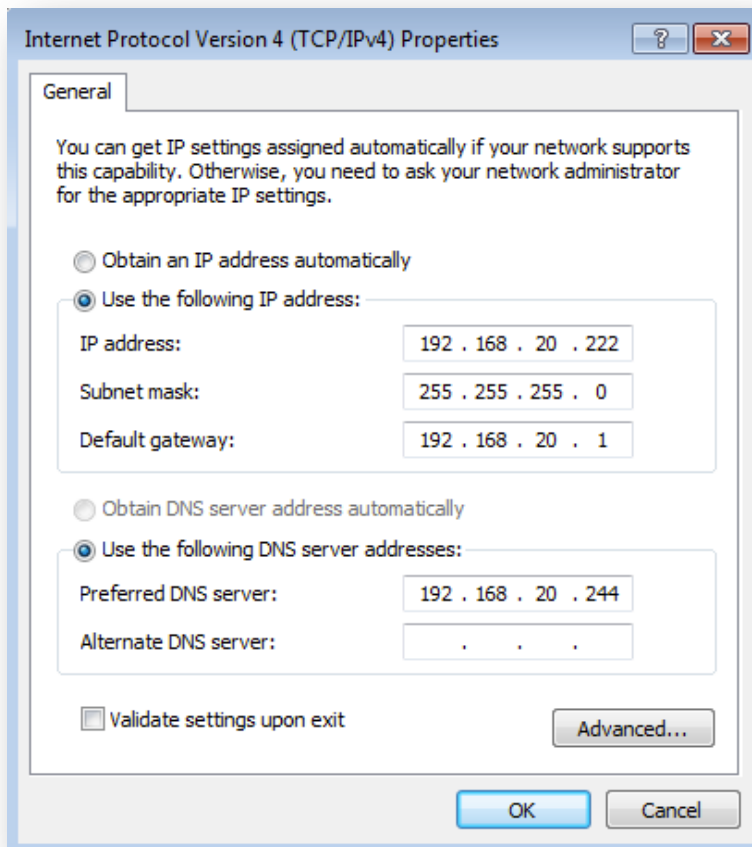








Zugriffe aus dem Internen Netz



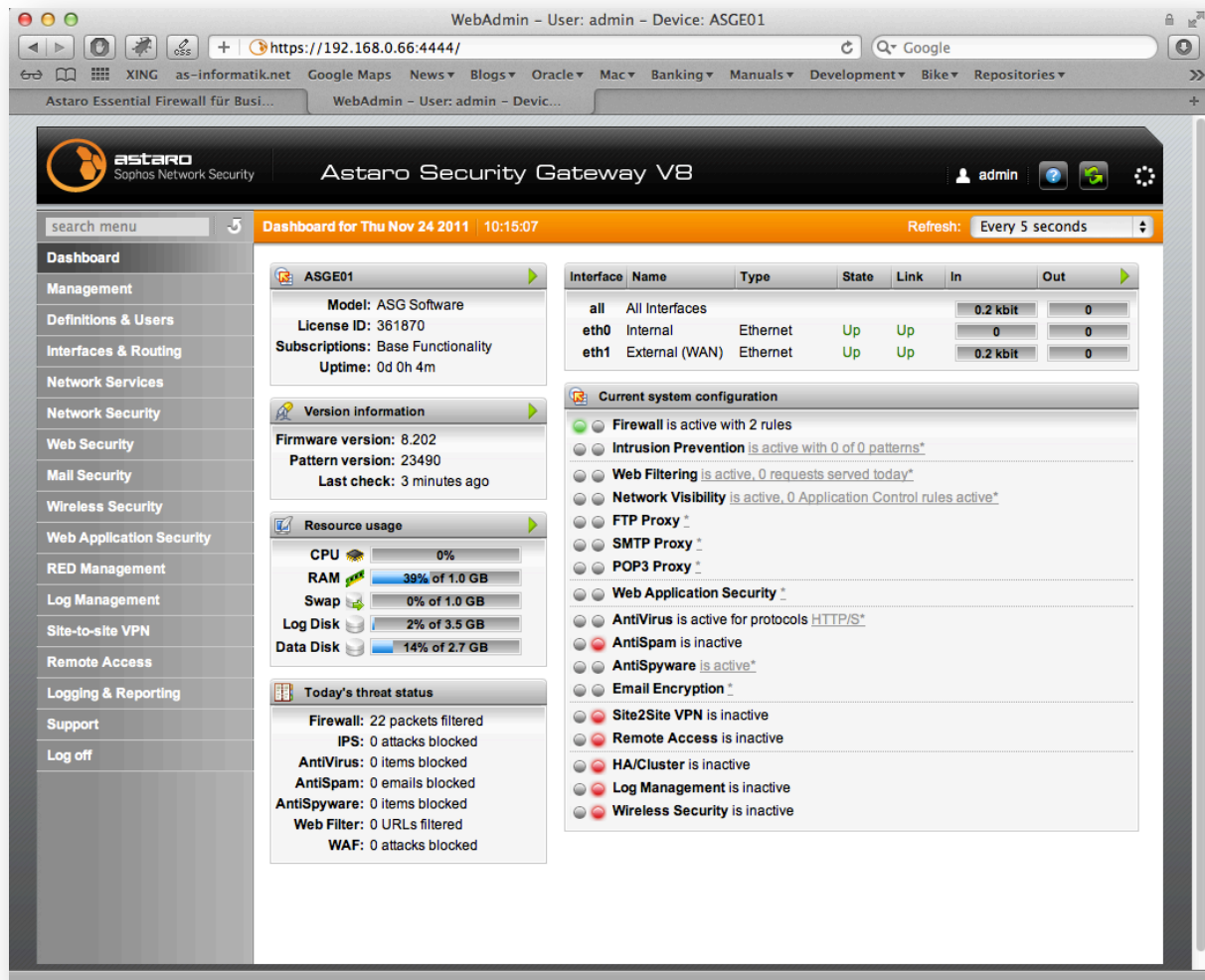
Netzwerk Konfiguration des Windows 7 Clients.

192.168.20.244 ist der Windows 2008 Server (Domänen Controller).



Zugriff auf eine Internet Seite aus dem internen Netz über ASGE01.

Webinterface Dashboard



Hier ist ein Dashboard Zugriff über das WAN Interface abgebildet.

Um nochmals zu prüfen, ob der Zugriff auch wirklich nur über das Security Gateway geht, wird dieses einfach heruntergefahren und vom Client ein weiterer Internetzugriff versucht.

