

Aufbau einer VPN Verbindung

über Server 2008R2 ins Schulnetz

ToDo List

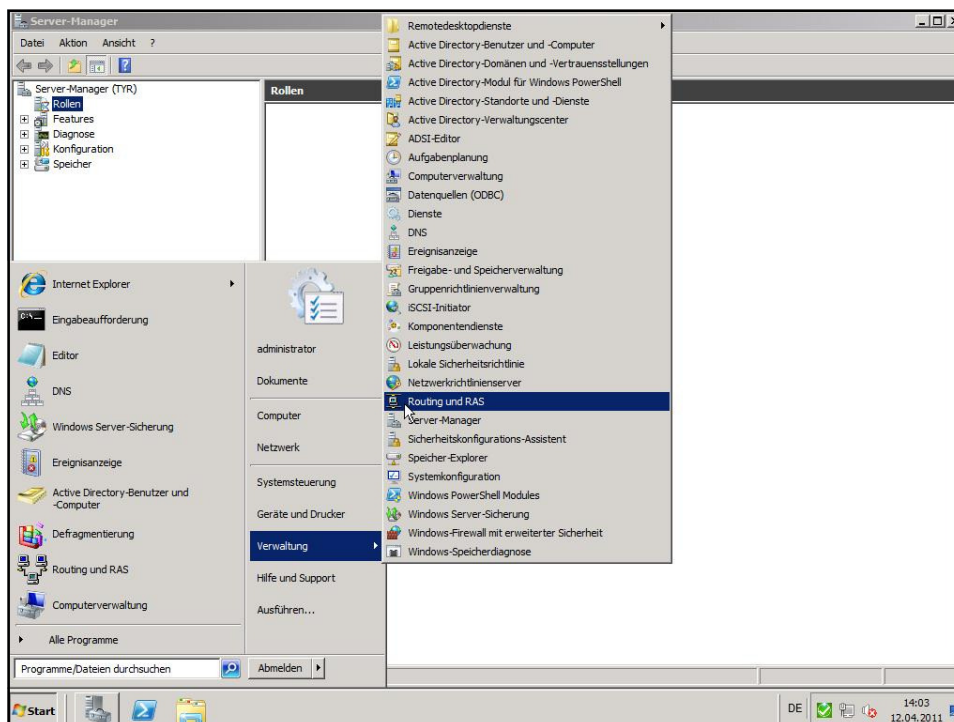
- ▶ Server einrichten
- ▶ Client einrichten
- ▶ Rechte vergeben
- ▶ Firewall konfigurieren

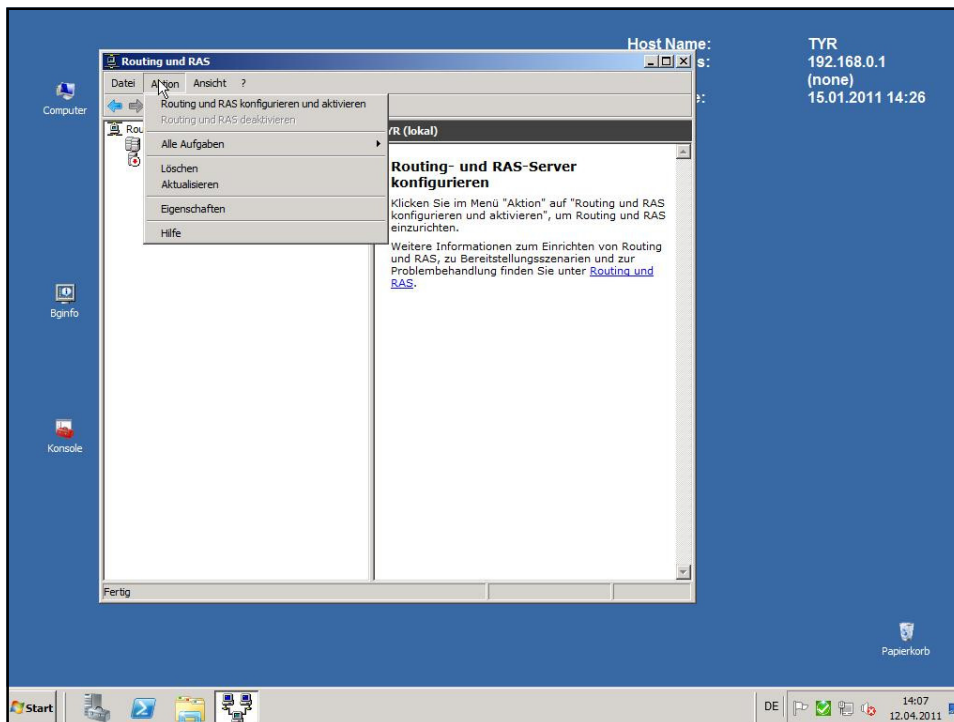
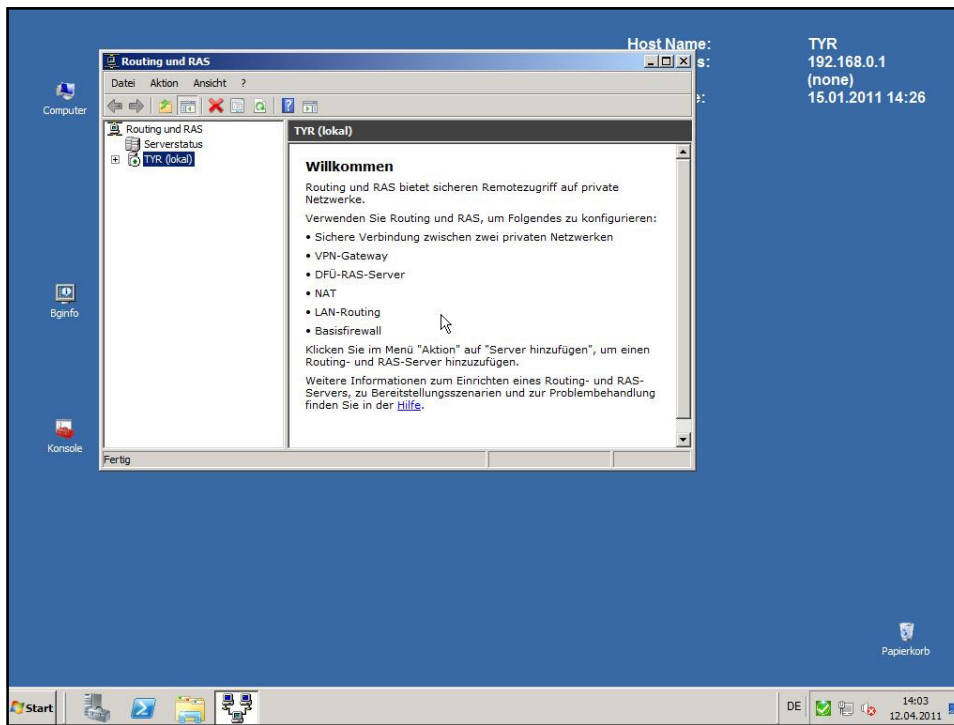


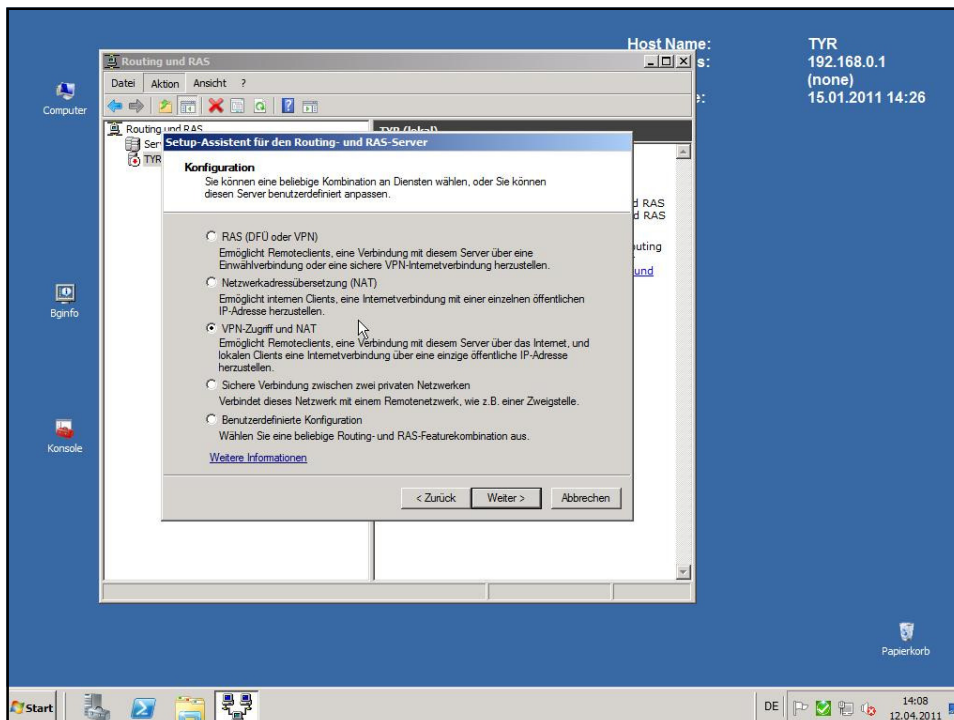
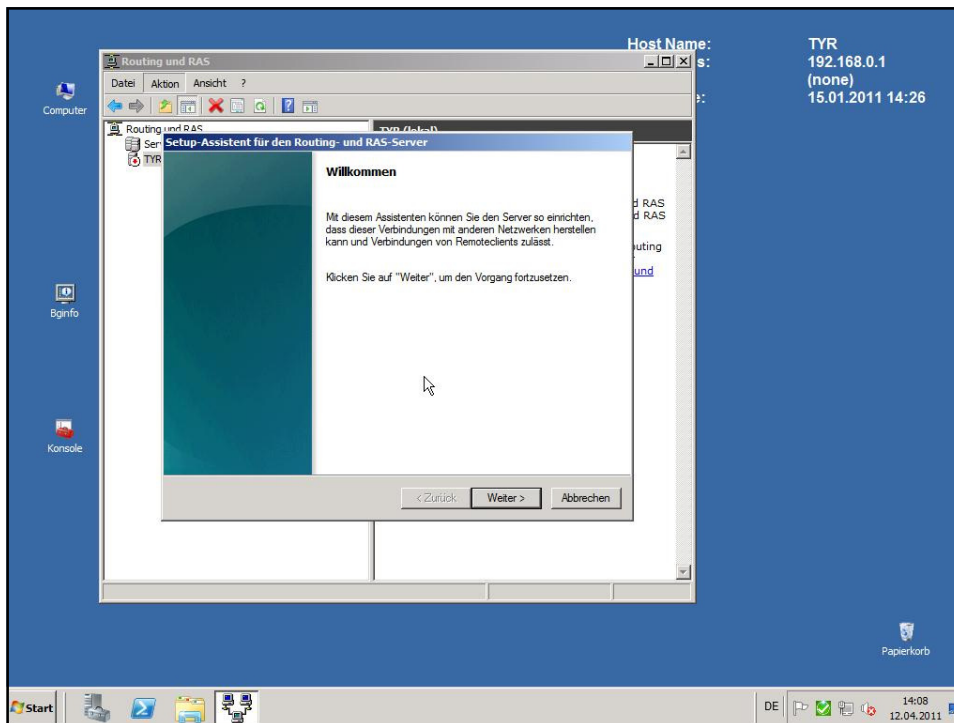
Aufgaben am Server

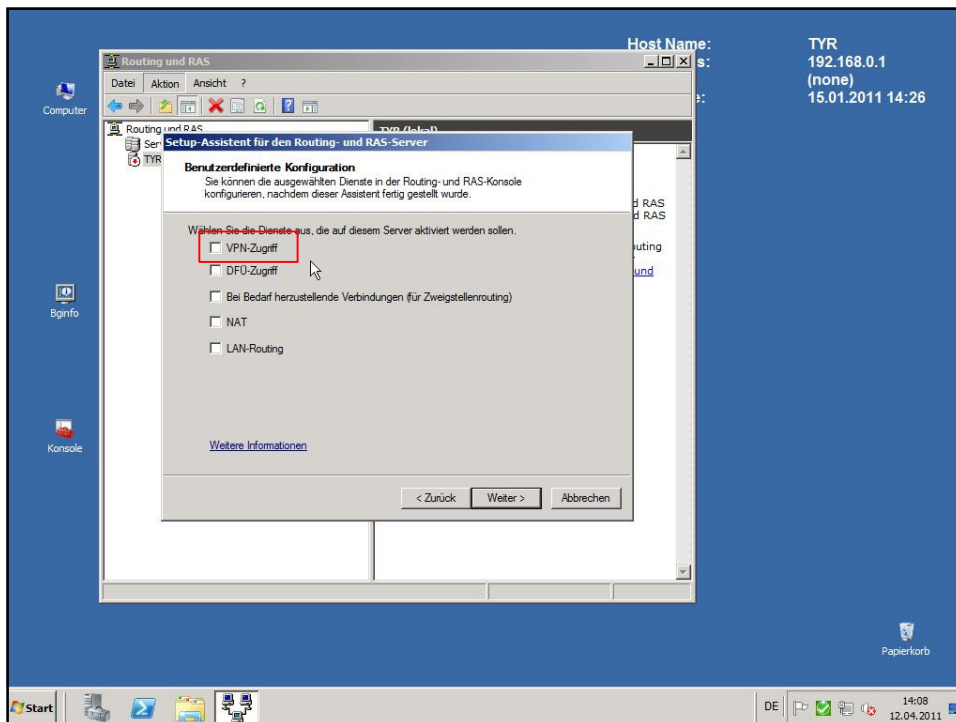
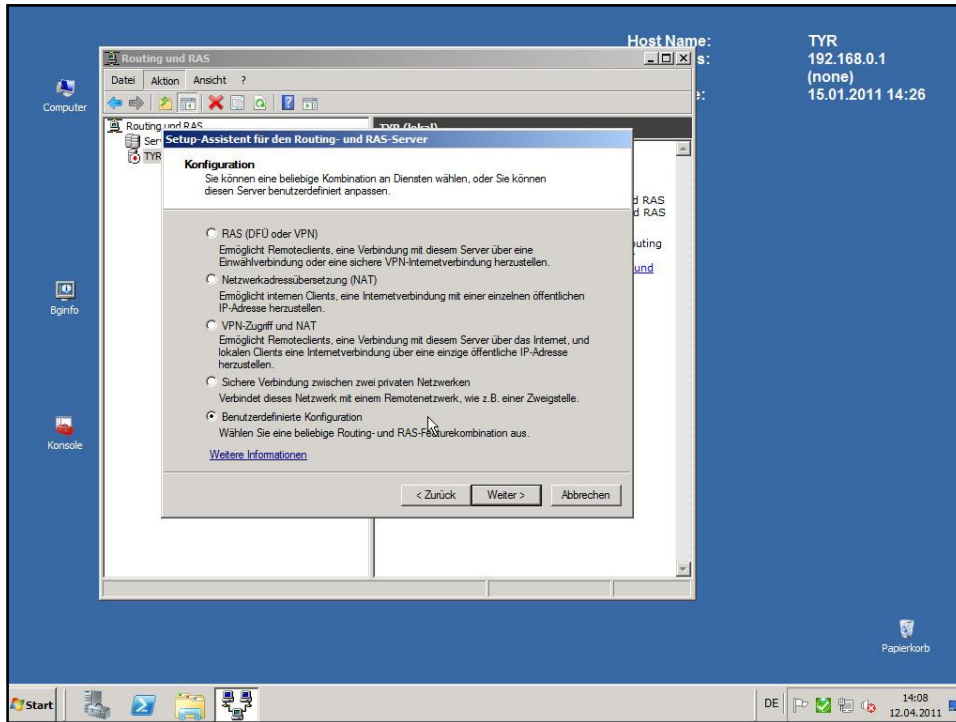
- ▶ **Routing und RAS**
 - ▶ Rolle, Anleitung unter
 - ▶ [http://technet.microsoft.com/de-de/library/cc770798\(WWS.10\).aspx](http://technet.microsoft.com/de-de/library/cc770798(WWS.10).aspx)

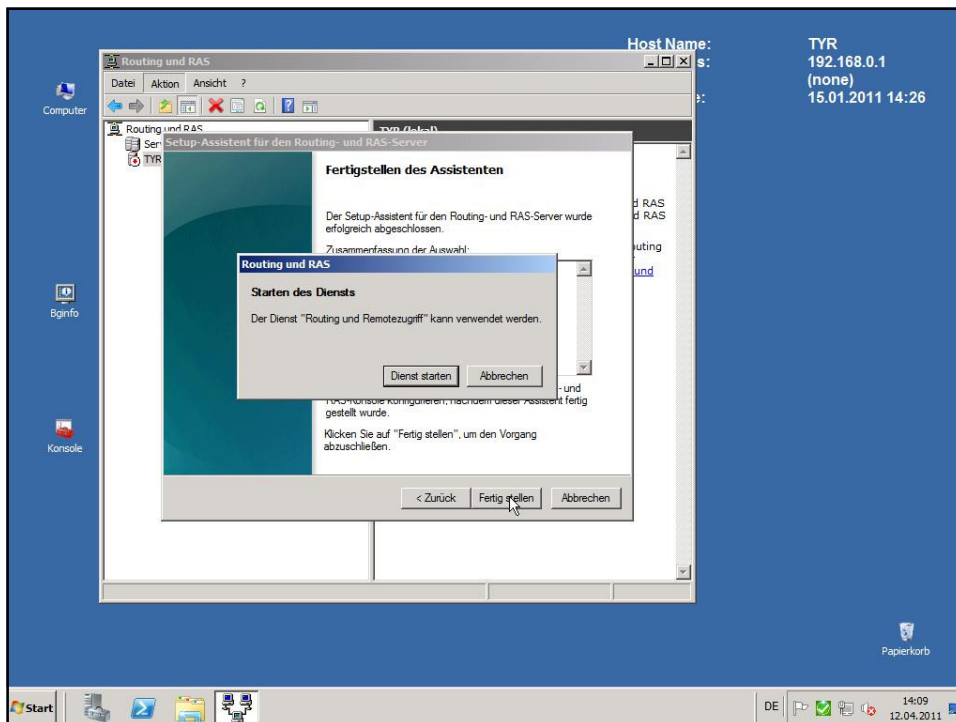
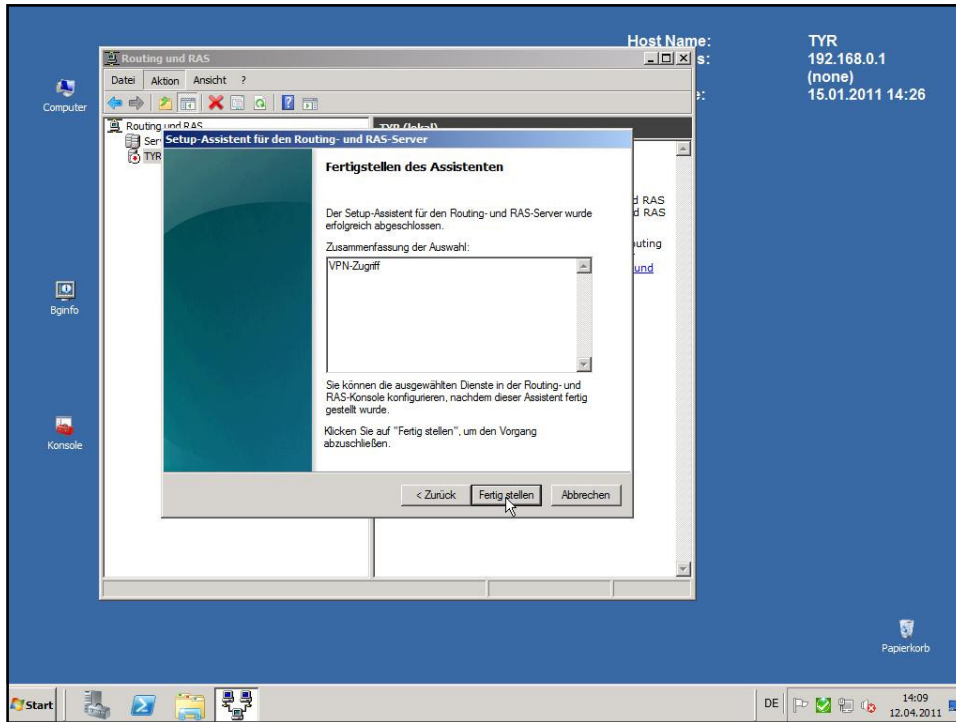
- ▶ **Routing und RAS aktivieren**

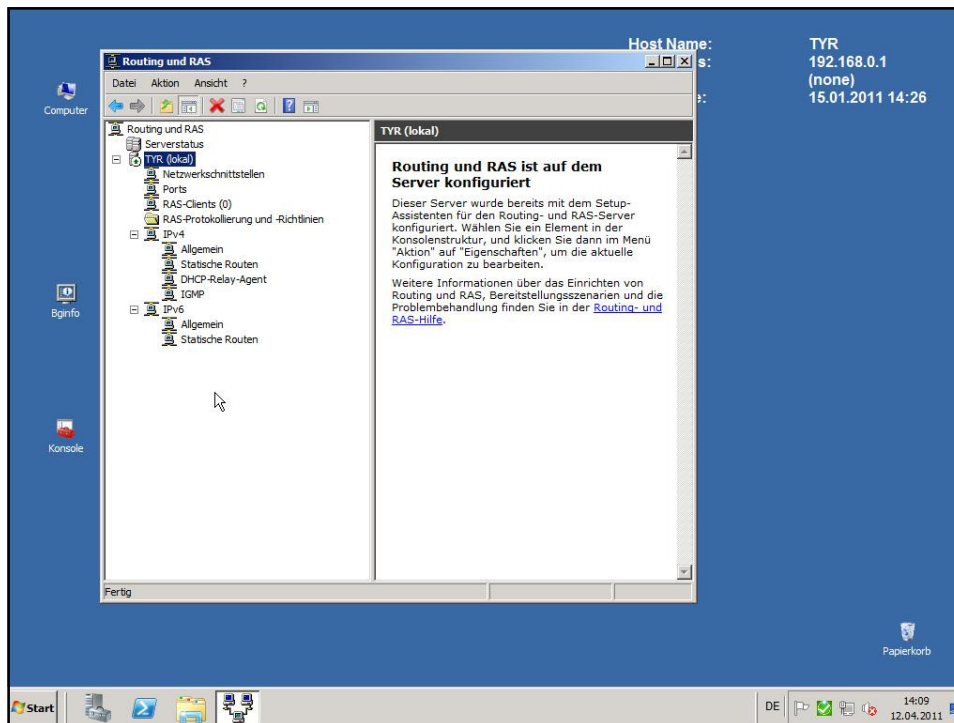






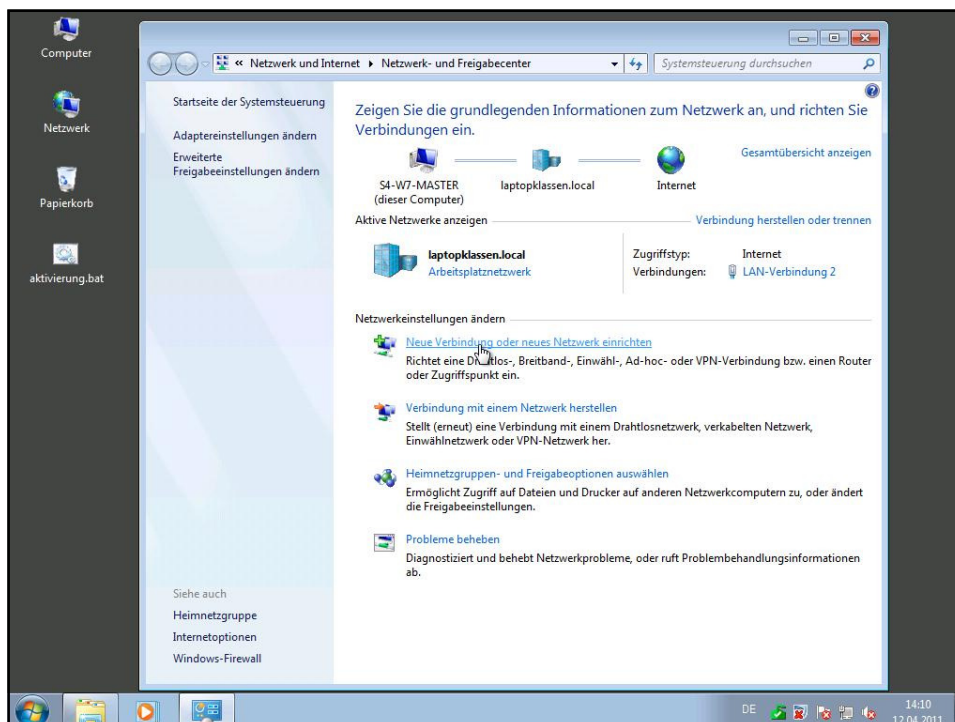
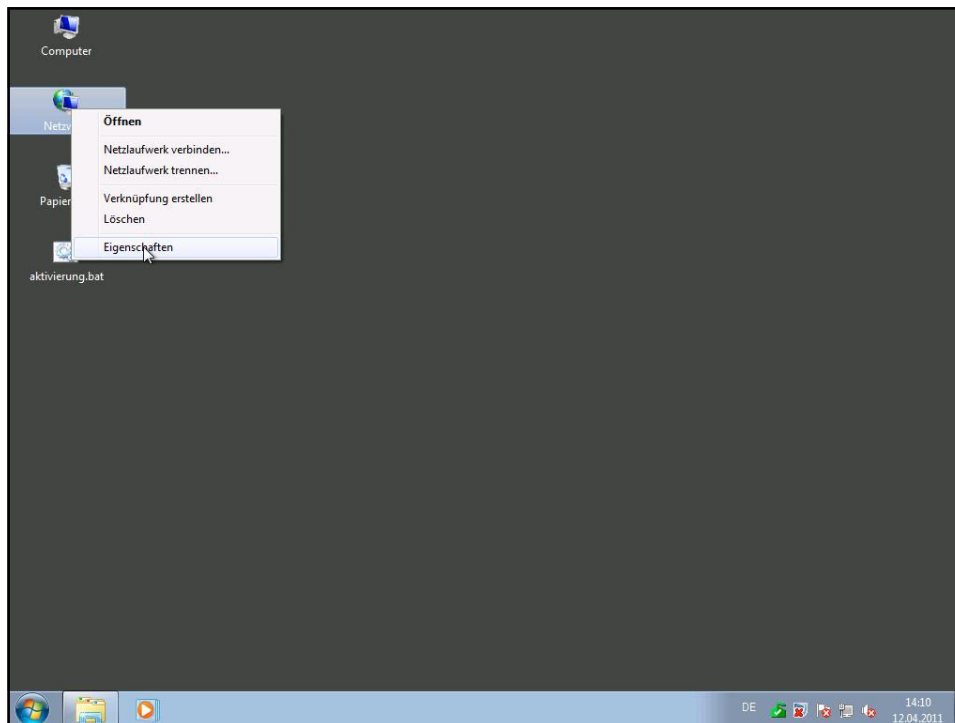


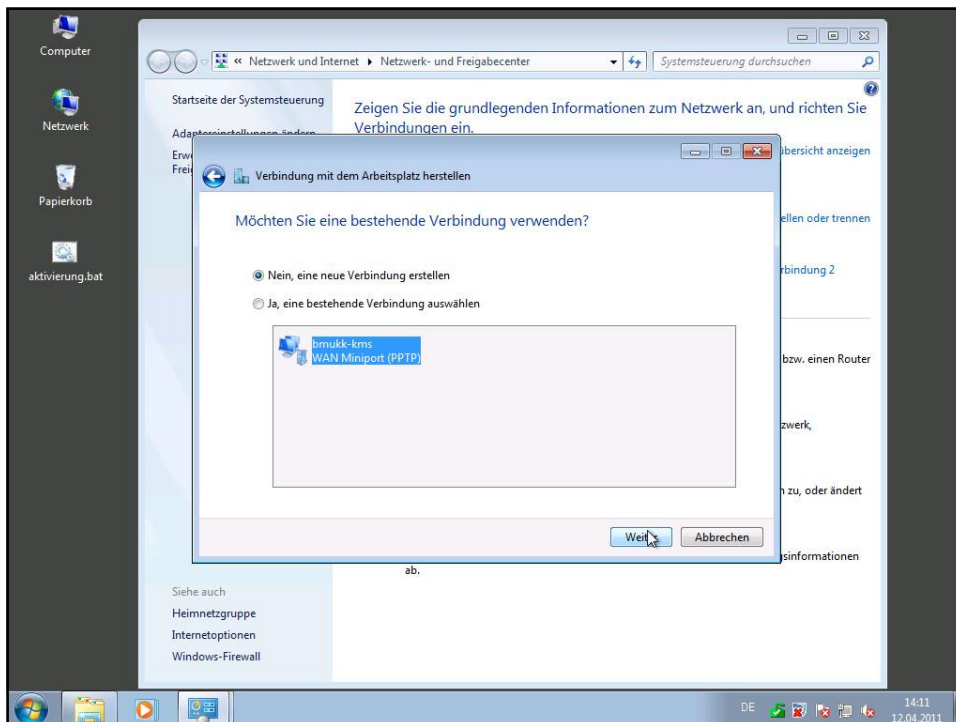
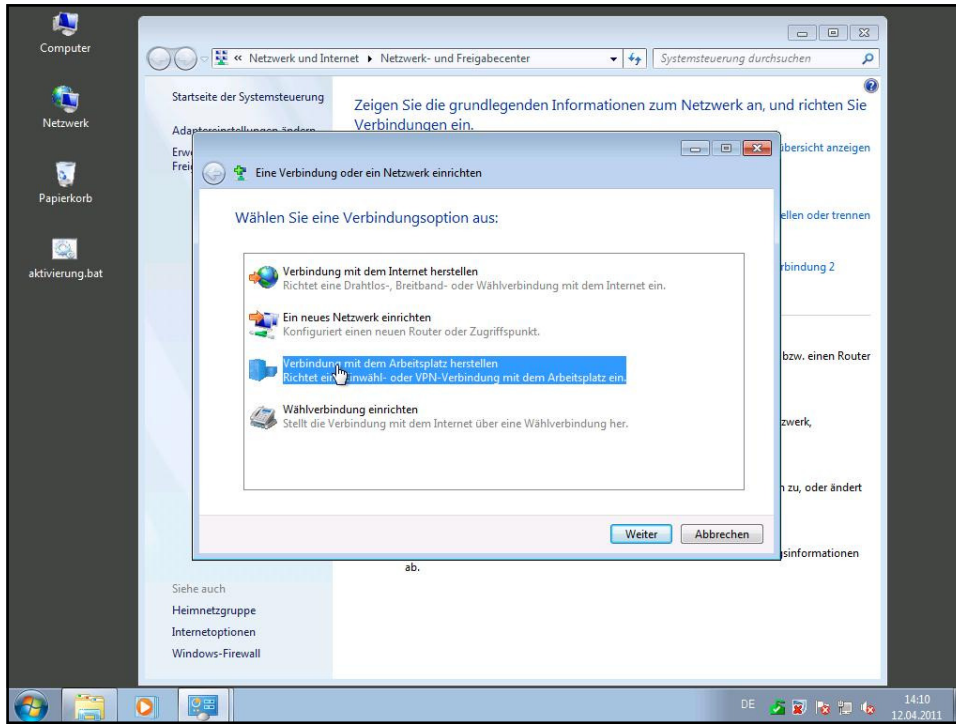


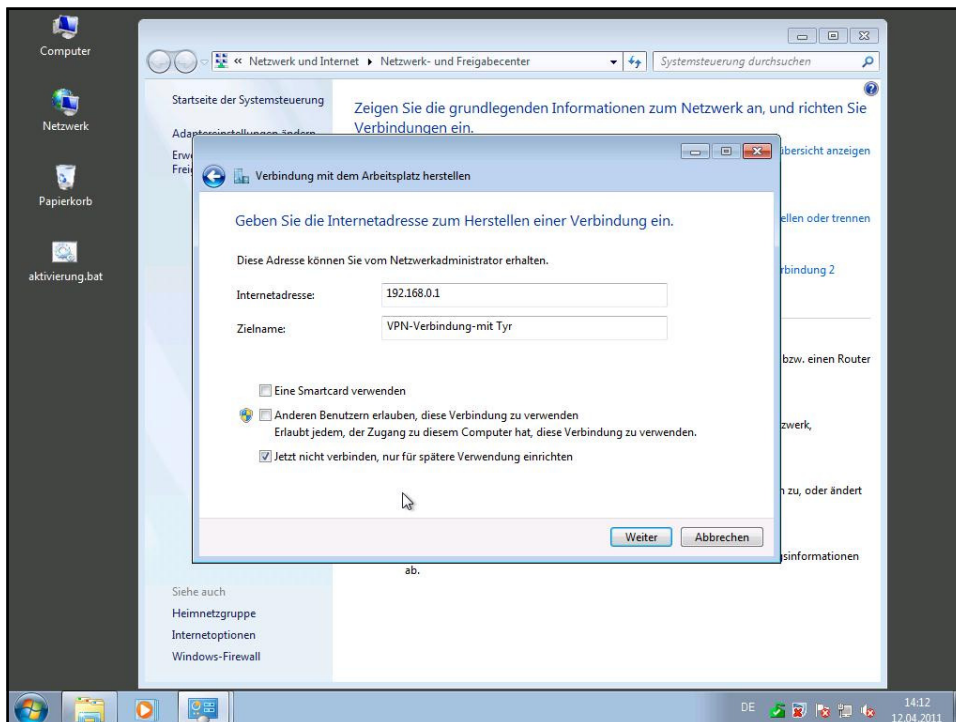
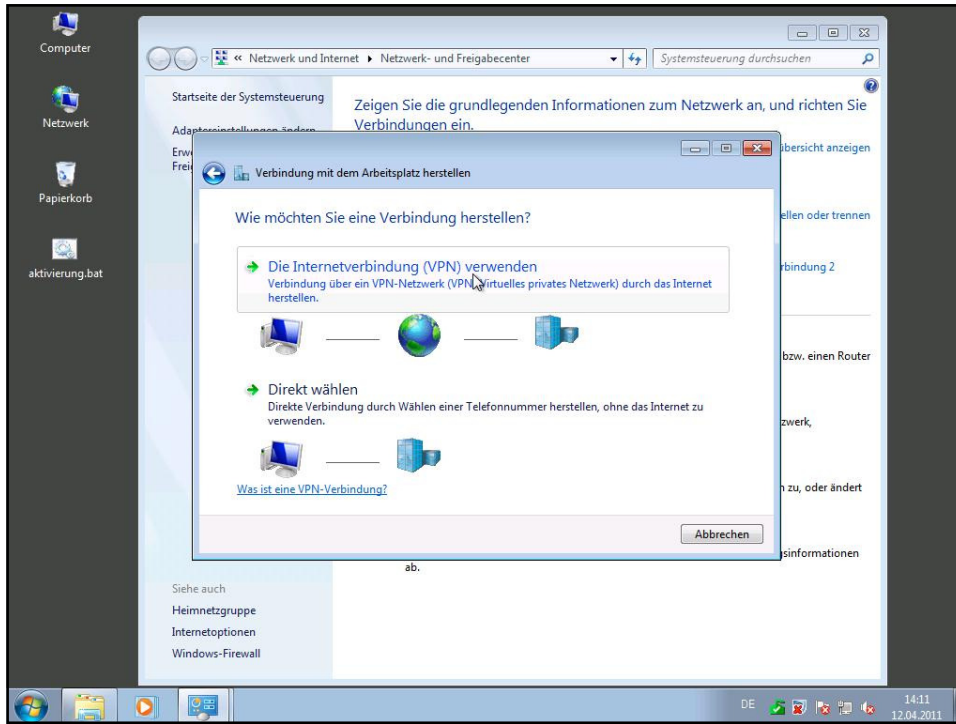


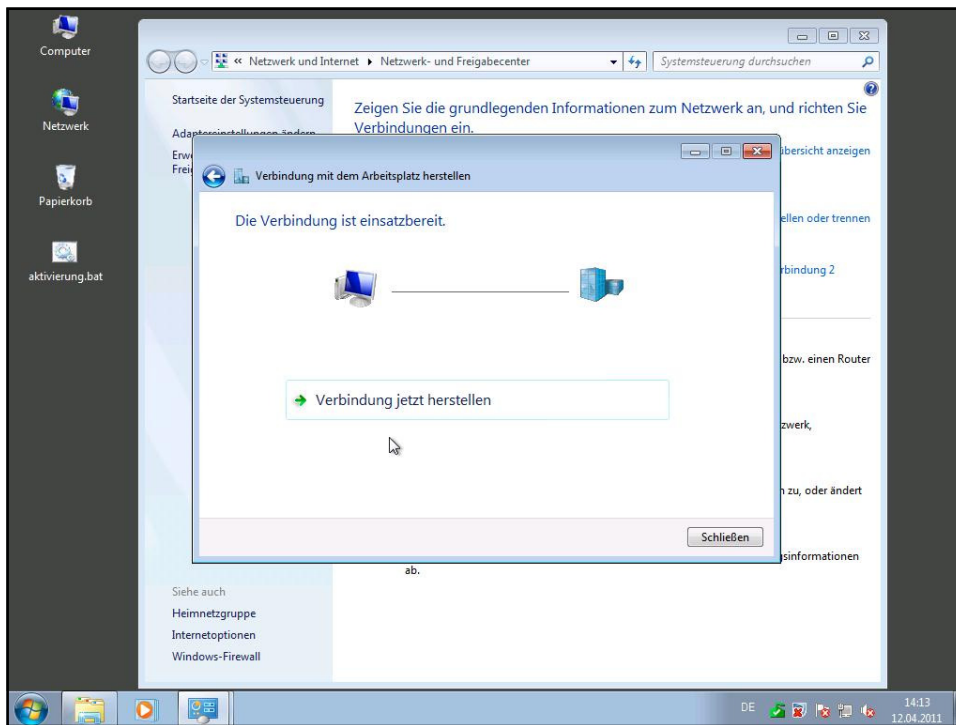
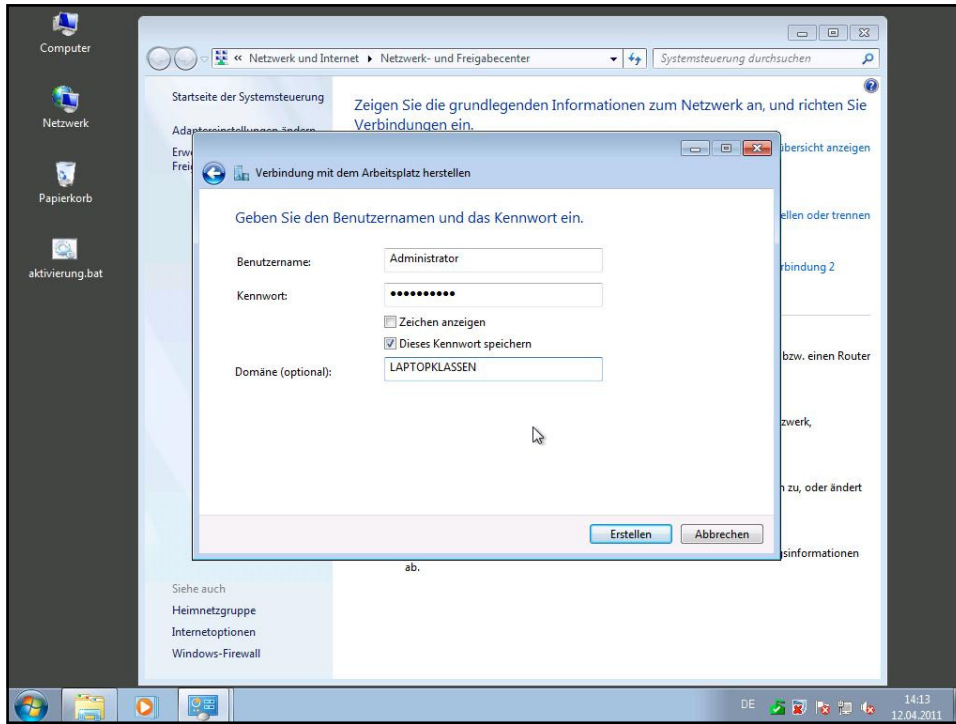
Am Client

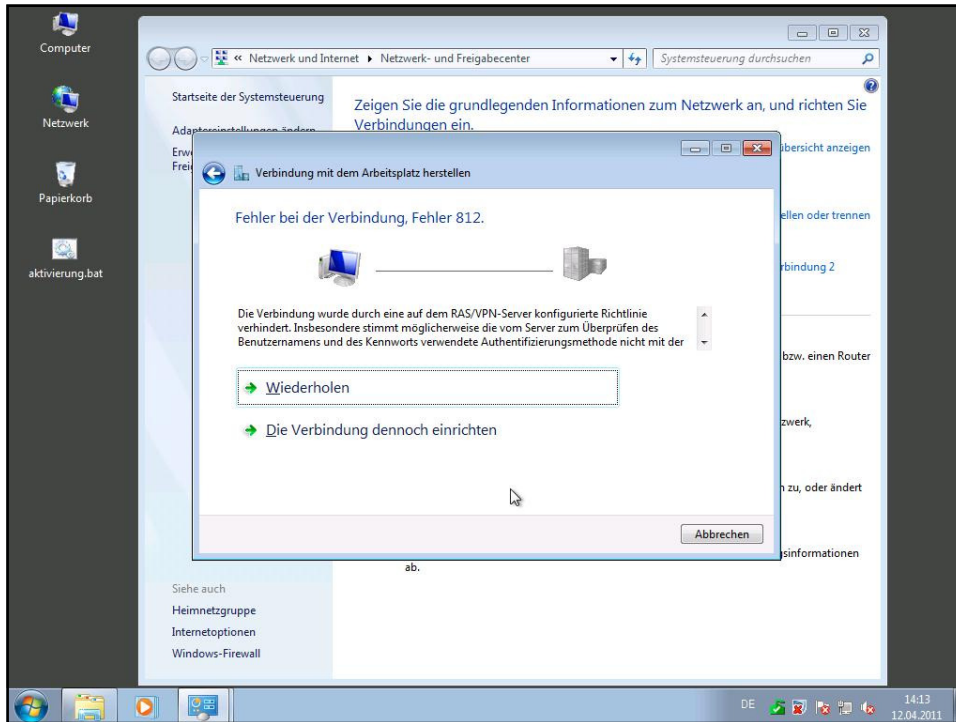
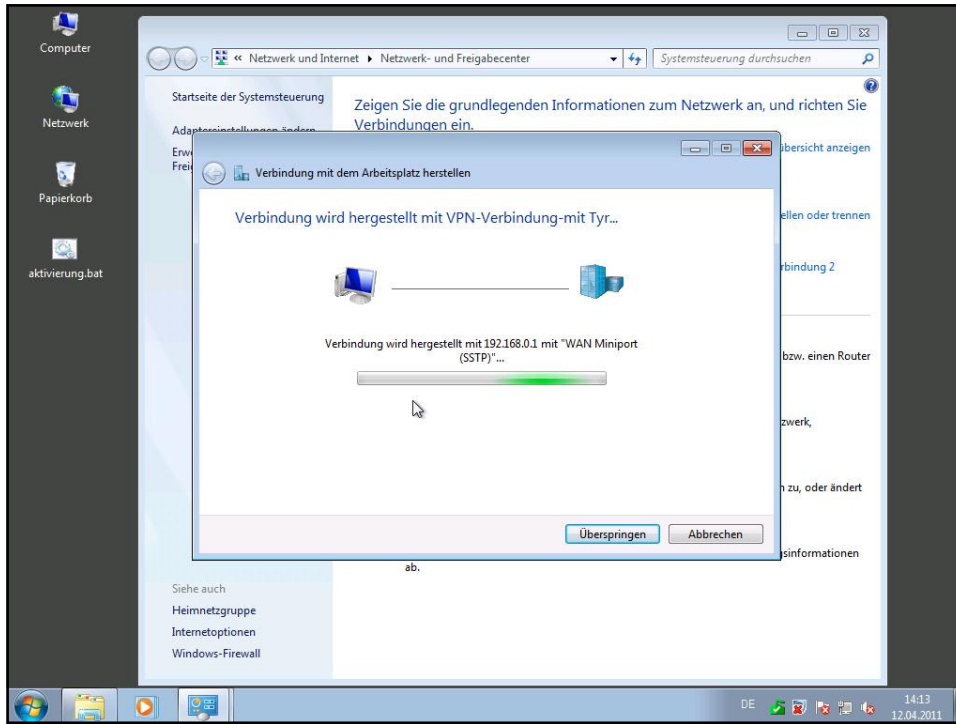
- ▶ VPN Tunnel einrichten





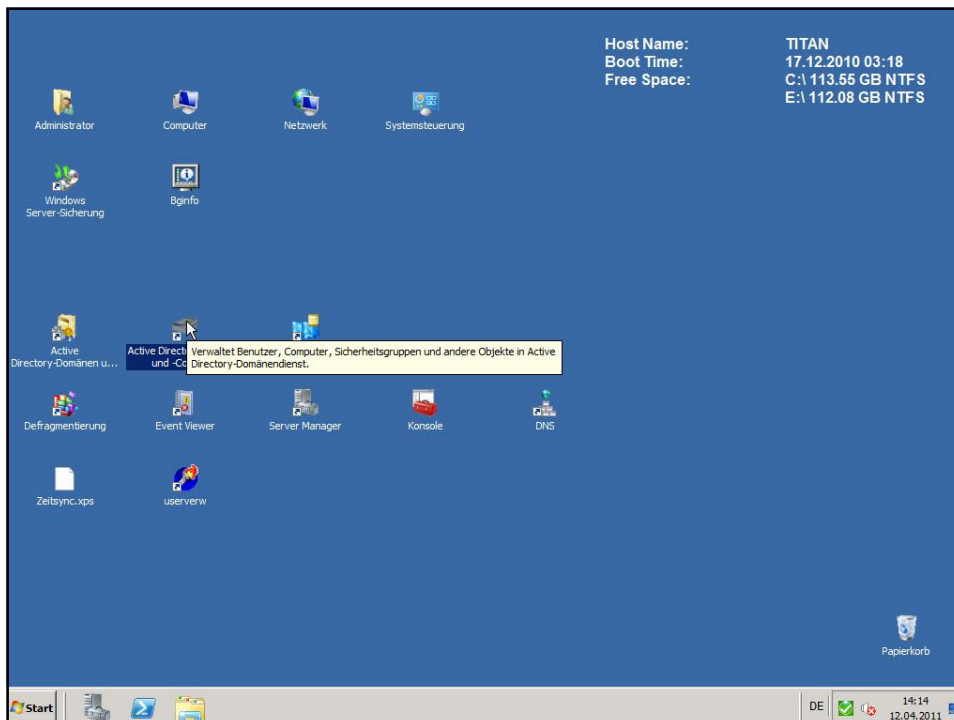


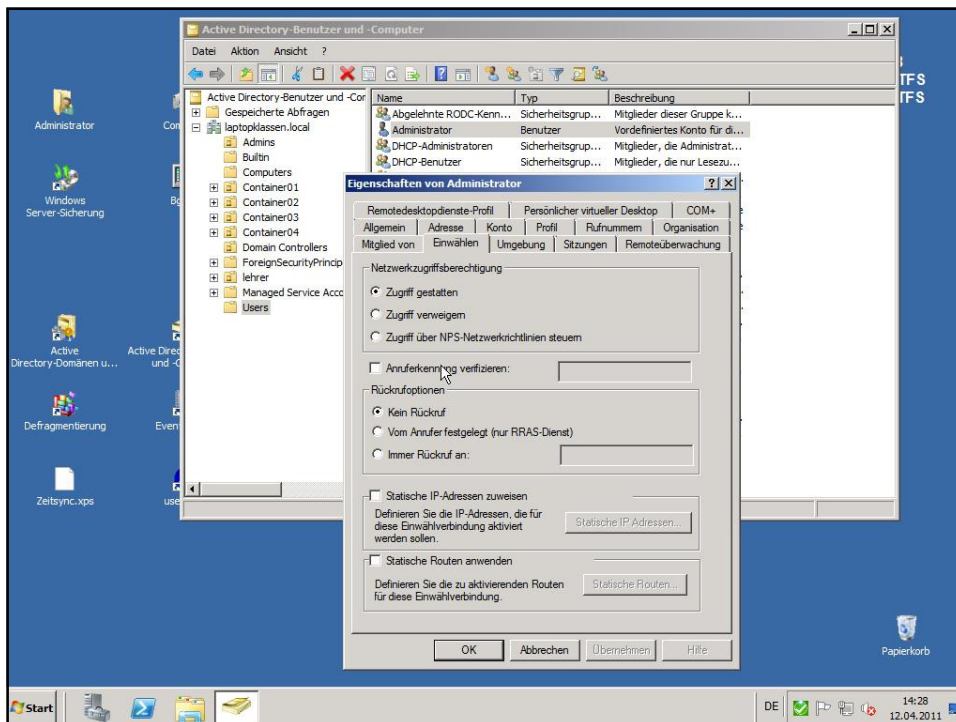
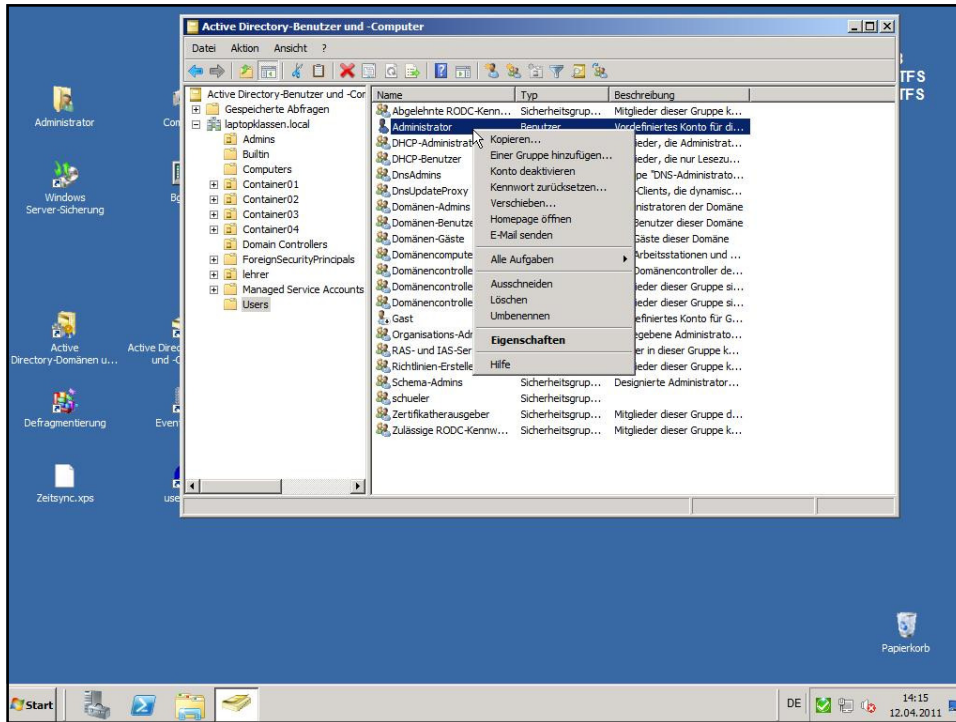




Am DC (Active Directory)

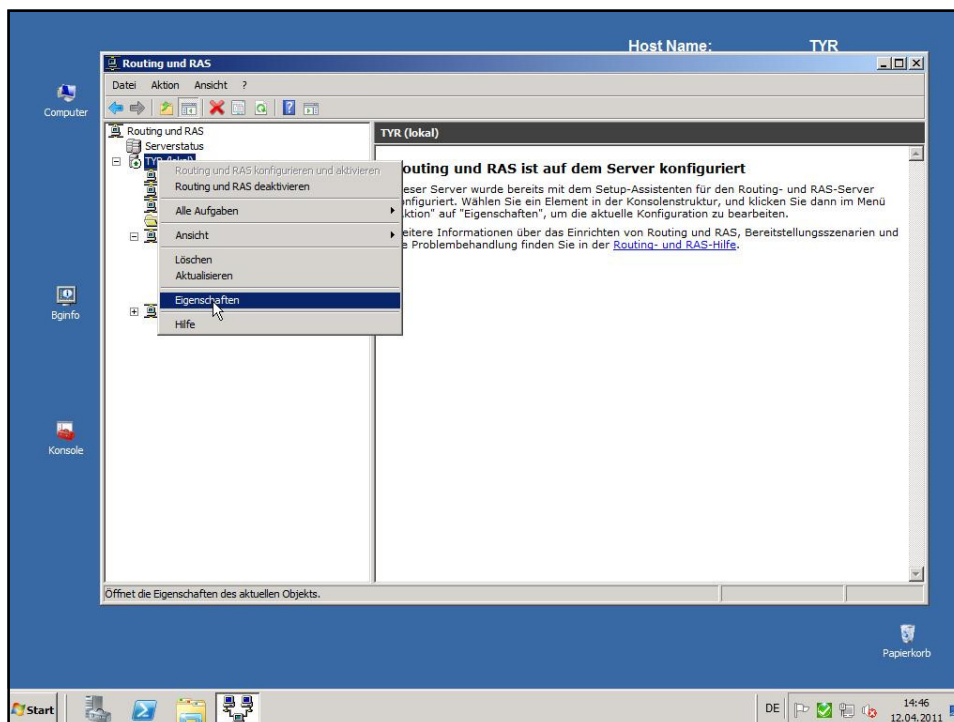
- ▶ Einwahlrecht vergeben

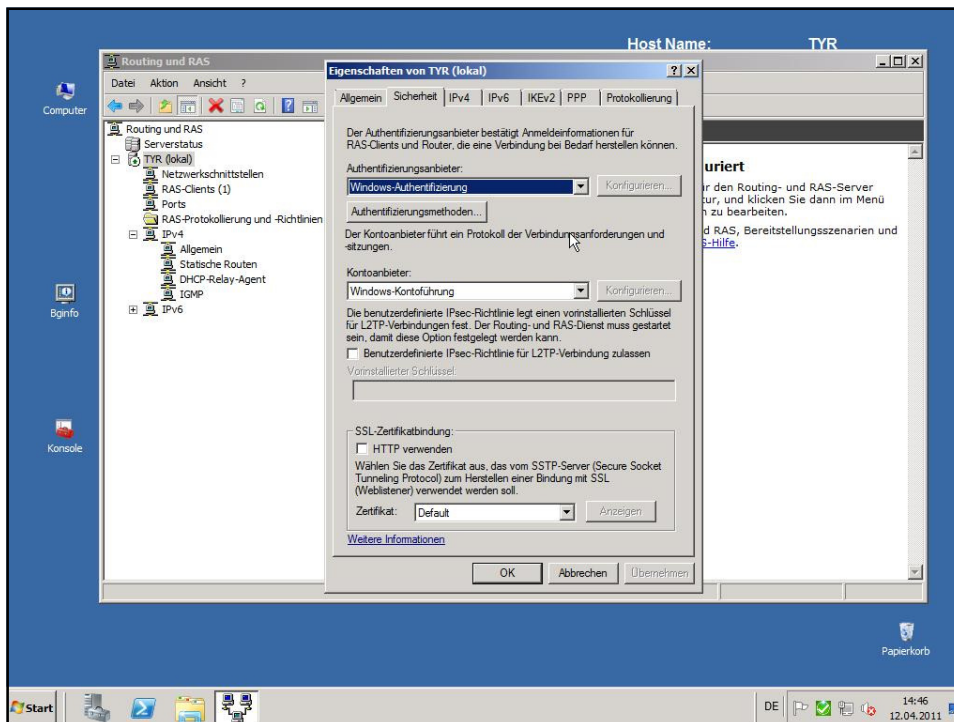
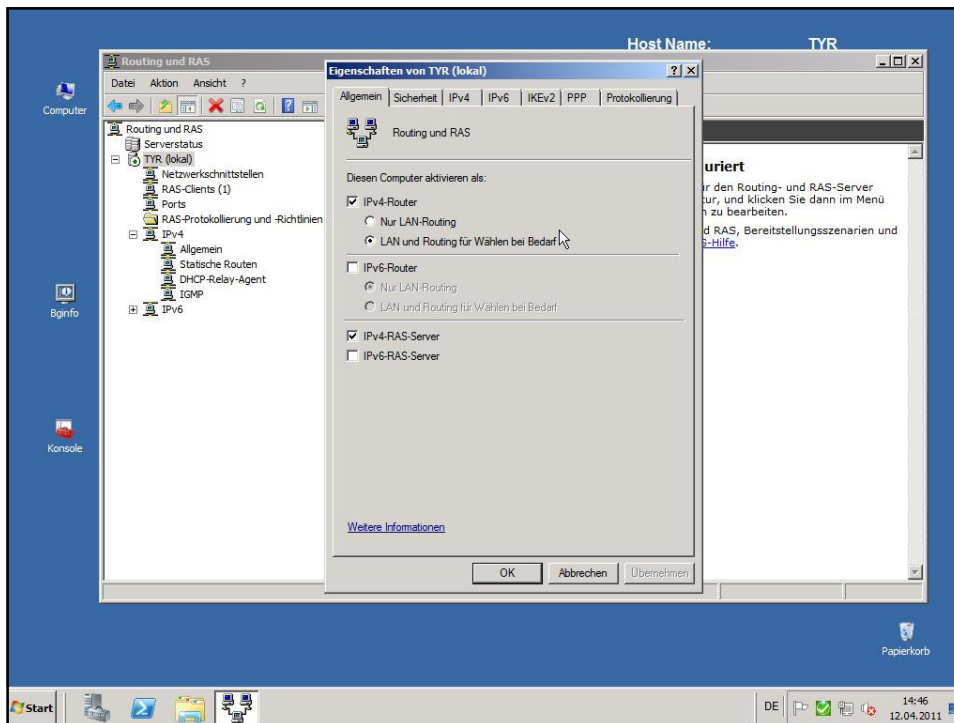


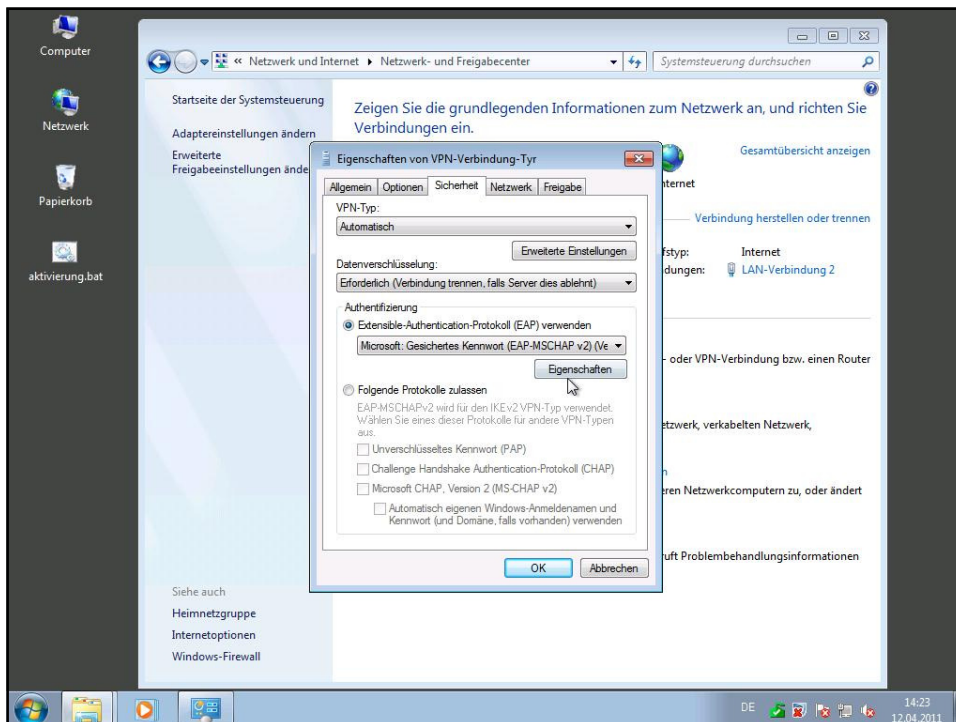
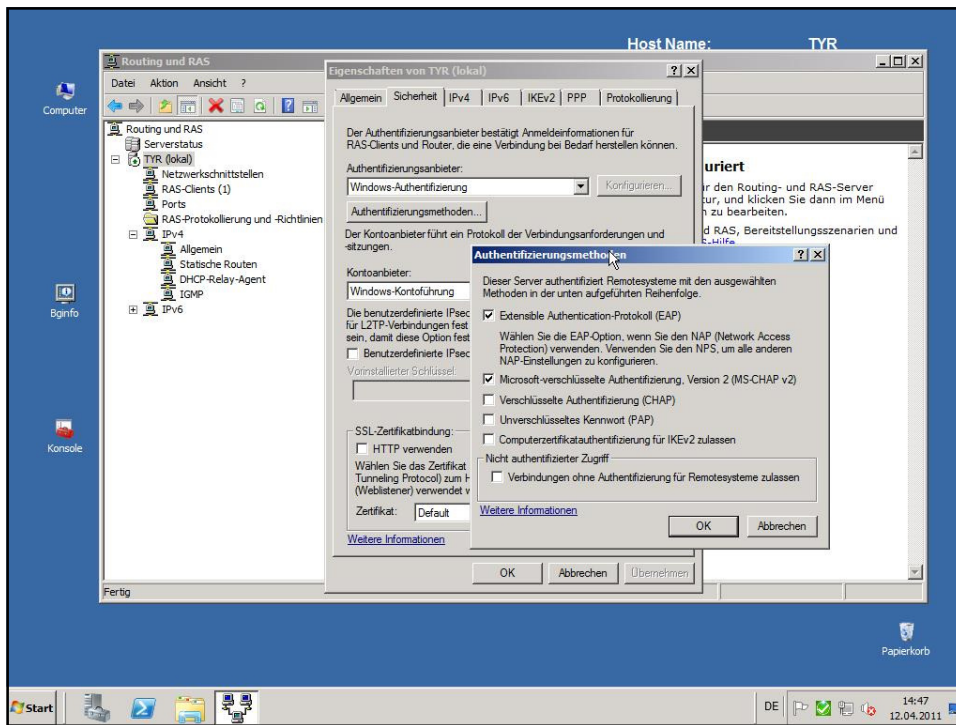


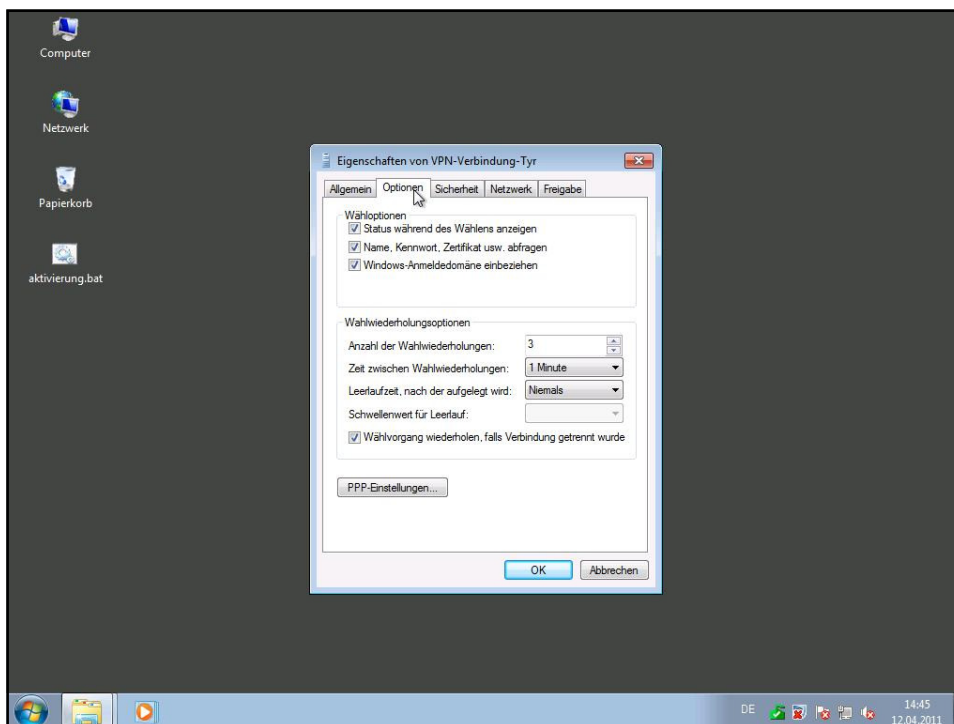
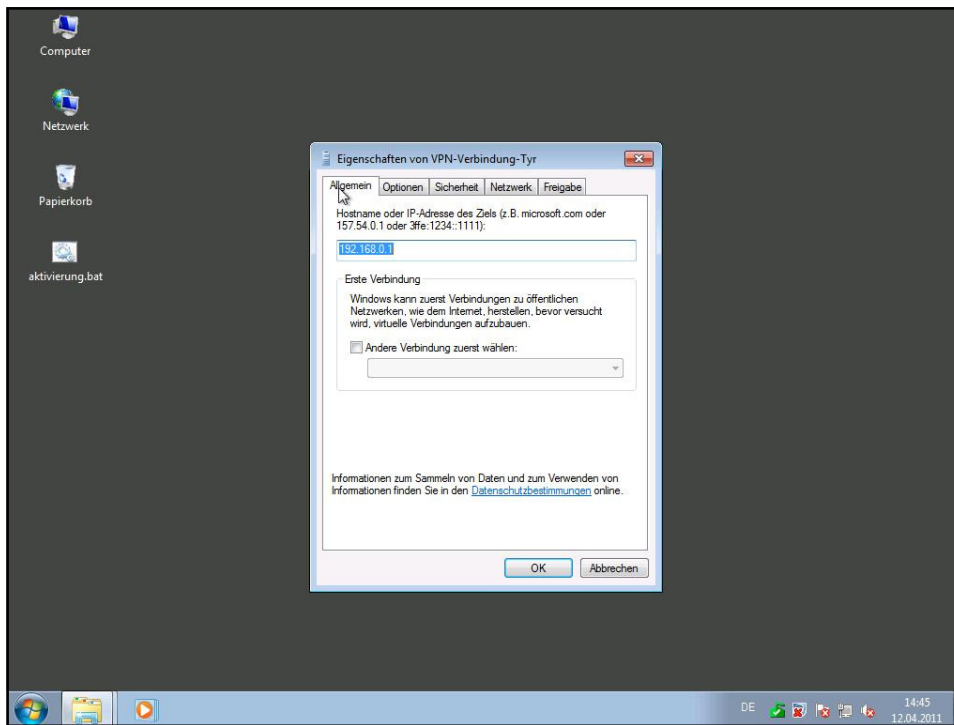
Übersicht der Einstellungen

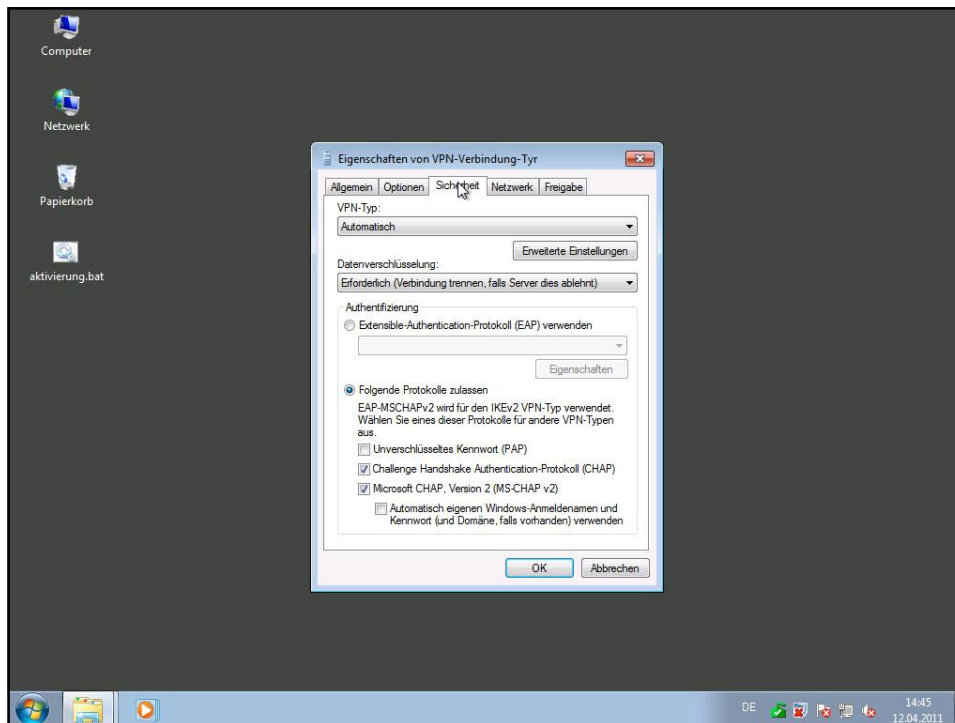
- Server
- Client











Auf der Firewall (hier Zywall 50)

- ▶ SUA/NAT konfigurieren
- ▶ Firewallregeln einrichten

PTPP:

1723 TCP
47 GRE

L2TP over IPSEC:

1701 TCP
500 UDP

GRE: Generic Routing Encapsulation Protokoll (CISCO)

ZyXEL
TOTAL INTERNET ACCESS SOLUTION

WIZARD

MAIN MENU
SYSTEM
LAN
WAN
SUA/NAT
STATIC ROUTE
FIREWALL
CONTENT FILTER
VPN
REMOTE MGNT
LOGS

MAINTENANCE

LOGOUT

HELP ?

SUA/NAT

SUA Server **Addr Mapping**

Default Server: 0.0.0.0

#	Active	Name	Start Port	End Port	Server IP Address
1	<input checked="" type="checkbox"/>	RDP	3389	3389	192.168.0.4
2	<input type="checkbox"/>	RDP Balder	2000	2000	192.168.0.6
3	<input type="checkbox"/>	FTP Balder	20	21	192.168.0.6
4	<input type="checkbox"/>		0	0	0.0.0.0
5	<input type="checkbox"/>		0	0	0.0.0.0
6	<input type="checkbox"/>		0	0	0.0.0.0
7	<input type="checkbox"/>		0	0	0.0.0.0
8	<input type="checkbox"/>		0	0	0.0.0.0
9	<input type="checkbox"/>		0	0	0.0.0.0

Status: Ready

ZyXEL
TOTAL INTERNET ACCESS SOLUTION

WIZARD

MAIN MENU
SYSTEM
LAN
WAN
SUA/NAT
STATIC ROUTE
FIREWALL
CONTENT FILTER
VPN
REMOTE MGNT
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MAINTENANCE

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SUA/NAT

SUA Server **Addr Mapping**

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1	<input checked="" type="checkbox"/>	RDP	3389	3389	192.168.0.4
2	<input type="checkbox"/>	RDP Balder	2000	2000	192.168.0.6
3	<input type="checkbox"/>	FTP Balder	20	21	192.168.0.6
4	<input type="checkbox"/>	VPN	1723	1723	192.168.0.1
5	<input type="checkbox"/>		0	0	0.0.0.0
6	<input type="checkbox"/>		0	0	0.0.0.0
7	<input type="checkbox"/>		0	0	0.0.0.0
8	<input type="checkbox"/>		0	0	0.0.0.0
9	<input type="checkbox"/>		0	0	0.0.0.0

Status: Ready

