

# VpnNow! 2.9.9 Security Edition

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## Additional features

1. **User Rights Policy**
2. New Driver Model for Vista/2008 support
3. Built using new secure VC++ runtime api

## Important Fixes/Sub-Features

1. Switching Problem on main Vpn Server
2. Security validation on client's configured subnet
3. Allow static RW IP and zero collision on auto assigning of virtual IP.
4. Main VpnNow! Server console size and presentation fix

## User Rights Policy

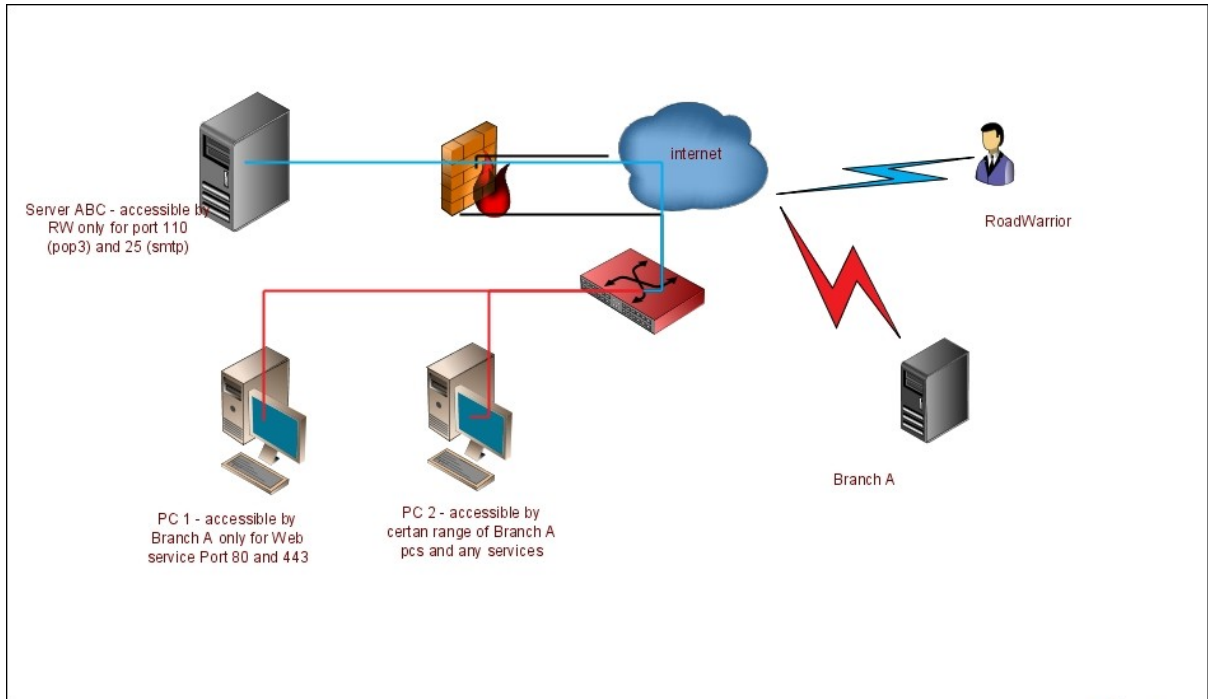
This is the most important feature in this release. User Rights Policy (URP) allows the definition of access rights of each connecting gateway/road warrior to the internal network. This feature is implemented when the Vpn is running as gateway/server and can be enforced on both HQ and branches.

The rules consist of 5 simple elements:

1. The ip/mask of the remote PC/RW. E.g. 192.168.1.0/24 or 10.9.2.1/32  
The format indicates that you can have a range of ips as just one rule.
2. The ip/mask of the local server/pc. E.g. 192.168.10.11  
The format indicates that you can have a range of ips as just one rule.
3. Types: any, range, set. This defines the port/services numbers that is enforced by the rule
4. Ports (depends on 3)
5. Ports (depends on 3)

(All these are easily created via the provided User Rights Tool)

You can have up to **16** rules per single remote ip/subnet . For example if you have a remote RW, you can define up to **16 rules** per RW or per Branch. The total amount of rules that can be created is **500**.

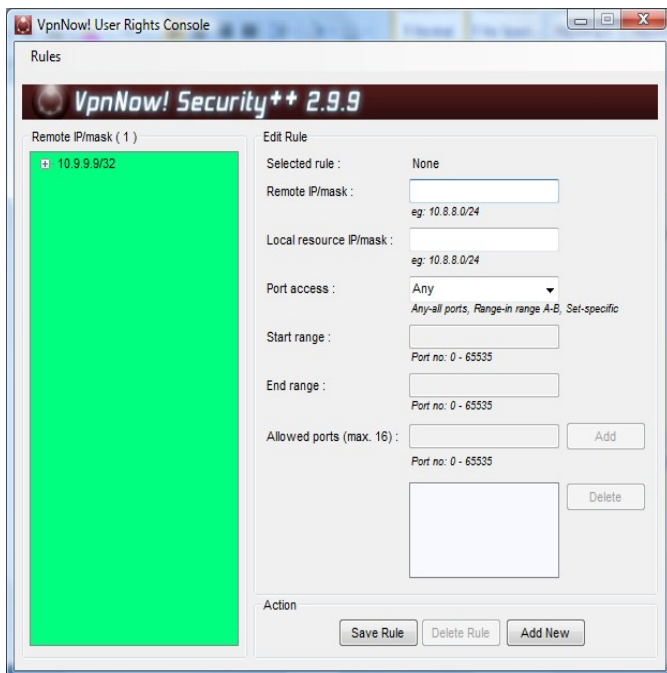


In the example above, the Road Warrior can only access Server ABC on email services and nothing else. The Branch A example above can access PC1 and and only certain pcs in Branch A can access PC2. Server ABC, PC1 and PC2 are participants in the VpnNow HQ. This scenario is now possible via the User Rights Policy.

### Details

The User Rights Policy can be accessed via the **“Main -> Access Control”**. The actual tool resides in the VpnNow folder under **“Rules”** with the filename **vpnnow.rights.console.exe**.

All components that are involved in this feature reside in the **“rules”** folder.



The file that contains all the rules is ***“userrights.conf”***.

You do not need to reboot or re-start VpnNow when applying the rules, the application is real-time and immediate.

## **New Driver Model**

Previous version of drivers for VpnNow uses a hook that could no longer be supported in Vista and new upcoming Windows model . The new model is the NDIS Intermediate driver that does not require any rebooting.

## **Built using new secure VC++ runtime api**

MS has released and enforce the new C/C++ runtime security extension for common functions. Example of these are the strings and memory functions. The new VpnNow is rebuilt and uses all the new sets of security apis to protect against buffer overflow and exploits.

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