PMF VPN servis

VPN (*Virtual Private Network*) pristup je namenjen korisnicima računarske mreže PMF-a i omogućava korišćenja lokalnih servisa i kada je korisnik van lokalne mreže, na primer, od kuće, sa drugih univerziteta, hotela, aerodroma, itd. Upotrebom PMF VPN servisa udaljeni korisnik dobija mogućnost:

- korišćenja KoBSON-a
- update Sophos Anti Virus programa
- FTP pristup ličnim web stranicama
- pristup lokalnim PMF servisima

Preduslovi za korišćenje PMF VPN servisa

Korisnik mora da poseduje validan korisnički nalog_na serveru PMF računarske mreže.

Ograničenja PMF VPN servisa

Pokretanjem VPN servisa ona postaje glavna Internet konekcija na računaru. To znači da svi oni servisi koji inače ne rade na lokalnoj PMF mreži po uspostavljanju VPN veze takodje neće raditi (torrent, p2p ...).

Takodje, web browser programi moraju biti odgovarajuće podešeni (videti sekciju 3).

1. Kreiranje VPN naloga

(Ovde se takodje može i promeniti lozinka na postojećem nalogu.)

Korisničko ime za sve PMF servise je **puna email adresa** korisnika. Kako je kombinacija korisničkog imena i lozinke osnovni princip zaštite privatnosti i zaštite od moguće zloupotrebe na PMF mreži, od suštinske je važnosti odabrati dobru lozinku za svoj nalog.

Ispratite uputstva na stranici https://ns1.pmf.lan/korisnici/

Prvo unesite vašu email adresa i sadašnju lozinku za pristup mail serveru. Nakon uspešne provere prelazi se na novi ekran na kojem je potrebno upisati (ako su polja prazna) ime i prezime kao i vašu novu lozinku.

Lozinka mora biti dugačka najmanje 8 karaktera i sadržati bar jedno veliko slovo, malo slovo i broj.

NAPOMENA: Ako vaš postojeći mail password već zadovoljava tražene uslove možete ga slobodno ponoviti.

Time je kreiran nalog na autentifikacijskom serveru PMF računarske mreže i podešena lozinka se može koristiti za sve PMF servise: Mail, VPN, WWW i FTP stranice, UNS wireless, EDUROAM wireless, Moodle i ostalo.

2. Kreiranje VPN konekcije na Windows 7

Kliknite na Start → Control Panel → Network and Sharing Center

Control Par	el 🔸 All Control Panel Items 🕨	✓ 4 Search Control Panel
Adjust your computer	s settings	View by: Small icons 🔻
🏲 Action Center	administrative Tools	📑 AutoPlay
🐌 Backup and Restore	Color Management	Credential Manager
Date and Time	🥏 Default Programs	📑 Desktop Gadgets
👜 Device Manager	B Devices and Printers	Display
Base of Access Center	Folder Options	🖟 Fonts
Getting Started	🜏 HomeGroup	🔒 Indexing Options
💮 Internet Options	Keyboard	🖾 Location and Other Sensors
J Mouse	network and Sharing Center	Rotification Area Icons
🚳 Parental Controls	Performance Information and Tools	Personalization
Phone and Modem	Power Options	Programs and Features
Recovery	🔊 Region and Language	🐻 RemoteApp and Desktop Connections
M Sound	Speech Recognition	🛞 Sync Center
1 System	Taskbar and Start Menu	Troubleshooting
🚜 User Accounts	🥞 Windows Anytime Upgrade	📑 Windows CardSpace
Windows Defender	Windows Firewall	Windows Mobility Center
Windows Update		

Izaberite Set up a new connection or network

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DeenVPN GUI Mozilla Frefox Vpn Total commander	All Control Panel Items Network and Sharing Center View your basic network information and s BANE-PC (This computer) View your active networks BANE-PC (This computer) Network 5 Network 5 Network 5 Home network Change your networking settings Set up a new connection or network Set up a wireless, broadband, dial-up, ad hoc, Set up a wireless, broadband, dial-up, ad hoc, Connect to a network Connect to a network Connect to a network Choose homegroup and sharing options Access files and printers located on other netw Troubleshoot problems		See full map exect or disconnect enection er or access point. ettings.	
HomeGroup Internet Options Windows Firewall	Diagnose and repair network problems, or get	troubleshooting information.		
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U prozoru koji se otvori izaberite Connect to a workplace



NAPOMENA: Ako već imate postojece VPN konekcije možda će uslediti pitanje: **Do you want to use a connection that you already have?** U tom slučaju, izaberite **No, create a new connection.**

U sledećem prozoru, izaberite Use my Internet connection (VPN)

Recycle Bin			
	Control Panel 🕨 All Control Panel Items 🕨 Network and Sharing Center 💿 🗸 🐓 Search Control Panel	٩	
OpenVPN GUI Change ade	🕒 🖬 Connect to a Workplace	See full map	
Change adv settings Mozilla	How do you want to connect?	ct or disconnect	
	Connect using a virtual private network (VPN) connection through the Internet.	ection	
	Dial directly Connect directly to a phone number without going through the Internet.	or access point.	
Commander	What is a VPN connection?	tings.	
See also HomeGroup Interne Option	ns wall]	
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U narednom koraku unesite sledeće podatke

Internet address: vpn.pmf.uns.ac.rs

Destination name: PMF

Don't connect now; just set it up so I can connect later treba da bude uključeno



Dalje, na pitanje **Type your username and password** unesite:

Username: vasa_puna_email_adresa (npr. <u>user@dmi.uns.ac.rs</u>) Password: vasa_lozinka_za_email Opcija Remember this password treba da bude ukliučena. Kliknite na Create.

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Recycle Bin					
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Mozilla Firefox	User name:	user@dmi.uns.ac.rs		ct or disconnect	
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Iako sledeći ekran kaže **The connection is ready to use,** to nije sasvim tačno, pa kliknite na **Close.**

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U prozoru **Network and Sharing Center** kliknite na **Connect to a network,** a zatim

desni klik na **PMF**, pa **Properties.**



Odaberite jezičak **Networking**, a u njemu selektujte **Internet Protocol Version 4 TCP/IPv4**, pa kliknite na **Properties.**



U sledećem prozoru kliknite na Advanced...



Izaberite jezičak DNS i u polje DNS suffix for connection upišite pmf.lan

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Char settir	nge advanced sharing IP Set	tings DNS WINS Server addresses, in order of use:	et	
Mozilla Firefox			Connect or disconnect	
1		Add Edit Remove	to create Area Connection	
vpn	The enal	following three settings are applied to all connections with TCP/I bled. For resolution of unqualified names: Income primary and connection specific DNS of fixes	1P	
		Append printery and connection specific one statutes Append parent suffixes of the primary DNS suffix Append these DNS suffixes (in order):	p a router or access point.	
Total			t ction.	
Commander		Add Edit Remove	sharing settings.	
	DNS	er ffix for this connection pmf Jan		
See a Hom	also FreGroup	Register this connection's addresses in DNS Jse this connection's DNS suffix in DNS registration	ın.	
Inter	net Options	ОК С	Cancel	
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Zatim kliknite na **OK** u svim prozorima koji su ostali otvoreni, dok se ne zatvore svi prozori vezani za internet konekciju.

Pokretanje VPN konekcije

Kliknite na ikonicu mrežnih konekcija u taskbaru i odaberite **PMF** pa **Connect**.



3. Podešavanje web browsera

Potrebno je proxy server podestiti na **Automatic proxy discovery**. Na taj način korisnik ne mora svakii put ručno podešavati parametre proxy servera.

Mozilla Firefox

Tools → **Options** → **Advanced** → **Network** → **Settings** Odabrati **Auto-detect proxy settings for this network**



Done				
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Done

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Internet Explorer i Google Chrome (Google Chrome koristi Internet Explorer podešavanja)

Tools → Internet options → Connections u polju Dial up and Virtual Private networks odaberite PMF, pa zatim Settings gde treba odabrati Automatically detect settings.



Opera

Menu → Settings → Preferences → Advanced → Network → Proxy Servers U polje Use automatic proxy configuration upišite http://wpad.pmf.lan/wpad.dat

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Tabs Browsing	Configure proxy servers if you don't ha Internet	ave a direct connection to the		HTTPS FTP	Port	
Notifications	Proxy Servers			Gopher	Port	
Content Fonts Downloads	Choose where Opera should go when address field	you enter a single word in the		WAIS	Port	
Programs	Server Name Completion			Enable HTTP 1.1 for proxy		
History Cookies	Encode international web addresses	s with UTF-8		Use proxy for local servers		
Security Network	Send referrer information			Do not use proxy on the address	es below	
Storage	Enable automatic redirection					
Toolbars	Enable geolocation					
Shortcuts Voice	Max connections to a server	16 (default)	•			
	Max total connections	64 (default)	-			
				Use automatic proxy configuration	on	
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