#### Eduroam

#### O Eduroam servisu

Eduroam - **edu**cational **roam**ing je besplatan servis za pristup Internetu. Svojim korisnicima omogućava bezbedan, brz i jednostavan pristup Internetu širom sveta, bez potrebe za otvaranjem dodatnih naloga, uz korišćenje vec postojećeg korisničkog imena i lozinke kreiranih na instituciji u kojoj rade ili studiraju.

Više informacija o Eduroam mreži možete pronaći na: <u>AMRES Eduroam servis</u>

Zvanični sajt

Uputstvo za podešavanje Eduroam konekcije

NAPOMENA: Uputstvo opisuje podešavanje Eduroam konekcije za korisnike <u>Windows XP</u>, <u>Windows Vista (Windows 7)</u> i <u>Android</u> operativnih sistema.

### **Microsoft Windows XP**

Otvorite prozor koji prikazuje dostupne bežične mreže. Ovaj prozor možete otvoriti tako što ćete kliknuti na ikonicu za bežične mreže. Najčešće se nalazi kod sata (system tray).

Zatim u ovom prozoru kliknite na *Change advanced settings*.



U okviru tab-a *Wireless networks* kliknite na dugme *Add* (kao na slici).

Wireless Networks	Advanced
Use Windows to configure	my wireless network settings
Available <u>n</u> etworks:	
To connect to, disconnect for about wireless networks in ra	rom, or find out more information ange, click the button below.
	View Wireless Networks
Automatically connect to available below:	ailable networks in the order listed
Automatically connect to available	ailable networks in the order listed Move up Move down
Automatically connect to available below: Add <u>Remov</u>	ailable networks in the order listed Move up Move down e Properties

U sledećem dijalogu popunite parametre kao na slici. Zatim pređite na tab *Authentication* u okviru istog dijaloga.

Association	Authentication	Connection	
Network <u>n</u> ame (SSID):		eduroam	
Vireless	ect even if this n network key	etwork is not broadcastin	g
This netv	vork requires a ke	ey for the following:	
Network	Authentication:	WPA2	*
<u>D</u> ata end	cryption:	AES	~
Network	<u>k</u> ey:		
Confirm r	network key:		
Key inde	<u>x</u> (advanced):	1	
The k	cey is provided for	me automatically	
This is a access	a <u>c</u> omputer-to-cor points are not use	nputer (ad hoc) network; ed	wireless

Podesite parametre prema uputstvu sa slike. Iz padajućeg menija za parametar **EAP type** izaberite **Protected EAP (PEAP)** a zatim kliknite na **Properties**.



Podesite parametre prema uputstvu sa slike. Isključite opciju *Validate server certificate*. Iz padajućeg menija *Select authentication method* izaberite *Secured password (EAP-MSCHAP v2)* i kliknite na *Configure...*.

Protected EAP Properties
When connecting:
Trusted <u>Root</u> Certification Authorities:
AC RAIZ DNIE     AC RAIZ FNMT-RCM     ACEDICOM Root     ACNLB     Actalis Authentication CA G1
Do not prompt user to authorize new servers or trusted certification authorities.
Select Authentication Method:
Secured password (EAP-MSCHAP v2)
Enable Fast Reconnect Enable Quarantine checks Disconnect if server does not present cryptobinding <u>T</u> LV OK Cancel

Isključite opciju **Automatically use my Windows logon name and password (and domain** *if any)* (kao na slici).

Kliknite na OK u ovom i svim prethodno otvorenim prozorima.



Ovim je završeno podešavanje parametara Eduroam bežične mreže. Povezivanje na Eduroam mrežu može se ostvariti izborom Eduroam mreže iz liste dostupnih bežičnih mreža (korak 1).



Da biste se uspešno povezali na Eduroam mrežu potrebno je da kliknete na balončić koji se može pojaviti u blizini ikonice za bežične mreže (izgled je prikazan na slici).

((9)	Wireless Network Connection	×
Click	k here to select a certificate or other credentials nection to the network eduroam	s for

U dijalogu sa slike unesite *Vašu e-mail adresu* na serveru PMF u polje *User name* i *lozinku* sa servera PMF u polje *Password*. Zatim kliknite na *OK* 

Enter Credent	ials 🛛 🔀
<u>U</u> ser name:	
Password:	
Logon domain:	
Save this use	er name and password for future use
(	OK Cancel

Unosom odgovarajućih parametara i klikom na *OK* biće uspešno izvršeno povezivanje na Eduroam mrežu.

## Microsoft Windows Vista (Windows 7)

Otvorite *Network and Sharing Center*. Možete ga otvoriti na nekoliko načina. Jedan od njih je da levim tasterom miša kliknete na ikonicu za mrežne priključke koja se najčešće nalazi kod sata (korak 1 sa slike), a zatim izaberite Open Network and Sharing Center (korak 2 sa slike). Drugi način je da ovu opciju izaberete iz Control Panel-a.



U okviru sledećeg prozora kliknite na Manage wireless networks.



Kliknite na **Add**.



### Kliknite na Manually create a network profile.

	Manually connect to a wireless network	
	Manually create a network profile This creates a new network profile or locates an existing network and saves a profile for the network on your computer. You need to know the network name (SSID) and security key (if applicable).	>
4	Create an ad hoc network This creates a temporary network for sharing files or an Internet connection	
	Cance	

U okviru sledećeg dijaloga, popunite parametre kao na slici i kliknite na *Next*.

Network name: *eduroam* Security type: *WPA2-Enterprise* Encryption type: *AES* 

Enter information	for the wireless network you want to a	add
Network name:	eduroam	
Security type:	WPA2-Enterprise 🔻	
Encryption type:	AES 💌	
Se <u>c</u> urity Key:	Hide	e characters
Start this connec	tion automatically	
Connect even if	the network is not broadcasting	
Warning: If you	select this option, your computer's privacy might l	be at risk.

U sledećem prozoru kliknite na *Change connection settings*.

Succe	ssfully added eduroam	
•	Change connection settings Open the connection properties so that I can change the settings.	

U okviru tab-a *Security* (kao na slici), kliknite na Dugme *Settings* (na slici označeno brojem 1).

eduroam Wireless Netw	vork Properties
Connection Security	
S <u>e</u> curity type: E <u>n</u> cryption type:	WPA2-Enterprise
Ch <u>o</u> ose a network au Microsoft: Protected	uthentication method:
Remember my cre time I'm logged or	edentials for this connection each
2 A <u>d</u> vanced setting	s
	OK Cancel

Kliknite na dugme *Configure...* (označeno na slici).

Protected EAP Properties	×
When connecting:	
Validate server certificate	
Connect to these servers:	
Trusted Root Certification Authorities:	
AddTrust External CA Root	
America Online Root Certification Authority 1	=
Certum CA	
Class 3 Public Primary Certification Authority	
DigiCert Assured ID Root CA	
Entrust.net Secure Server Certification Authority	
Equifax Secure Certificate Authority	-
•	P.
Do not prompt user to authorize new servers or trusted certification authorities.	
Select Authentication Method:	
Secured password (EAP-MSCHAP v2)	onfigure
Enable East Reconnect	
Enforce Network Access Protection	
Disconnect if server does not present cryptobinding TLV	
Enable Identity Privacy	
ОК	Cancel

Isključite opcije Validate server certificate i Automatically use my Windows logon name and password (and domain if any) (kao na slici).

Kliknite na OK u ovom i prethodno otvorenom prozoru.

EAP MSCH	HAPv2 Properties		X
When co	onnecting:		
pas	omatically use my ssword (and domair	Windows logon nar 1 if any).	ne and
	ОК	Cancel	

Kliknite na dugme *Advanced settings* (na slici označeno brojem 2).

Connection Security		
S <u>e</u> curity type: E <u>n</u> cryption type:	WPA2-Enterprise	▼
Ch <u>o</u> ose a network a Microsoft: Protecte	uthentication method: d EAP (PEAP)	1 Settings
time I'm logged o	חא	
A <u>d</u> vanced setting	gs	

U okviru tab-a **802.1X settings** uključite opciju **Specify authentication mode** i iz pripadajućeg padajućeg menija izaberite metod **User authentication** (kao na slici).

Specify authentication mode:		
User authentication  Save credentials Delete credentials for all users		
Perform immediately before us	er logon	
Perform immediately after user	r logon	
Maximum delay (seconds):	10	
Allow additional dialogs to be d sign on	lisplayed during single	
This network uses separate vir and user authentication	tual LANs for machine	

Kliknite na *OK* u ovom i prethodno otvorenom prozoru. Ovim je završeno podešavanje parametara za pristup Eduroam mreži. U okviru sledećeg zahteva za povezivanje na Eduroam mrežu, Windows Vista (Windows 7) će od Vas tražiti da unesete korisničko ime i lozinku. Unesite *Vašu e-mail adresu* na serveru PMF u polje *User name* i *lozinku* sa servera PMF u polje *Password*.

# Android

U okviru podešavanja za mreže na Vašem uređaju pritisnite na eduroam.



U okviru sledećeg dijaloga, popunite parametre kao na slici.

Security: **802.1x EAP** EAP method: **PEAP** Phase 2 authentication: **MSCHAPV2** 



U nastavku, unesite *Vašu e-mail adresu* na serveru PMF u polje *Identity* i *lozinku* sa servera PMF u polje *Password* i pritisnite na *Connect*.

🦈 🔒	<b>11:50</b>
eduroam	
User certificate	
(unspecified)	▲
Identity	
Anonymous identity	
Password	
Show passwo	rd
Show advance	ed options
Cancel	Connect