
Supported services



For security reasons stricter rules are applied to networks engaged in the eduroam project. The eduroam network is connected to Internet via Cisco PIX firewall. Everything that is not explicitly allowed, is forbidden.

For configuration of IPv4 clients a DHCP service is used and assigned addresses are from subnet 193.84.56.0/22. The prefix 2001:718:1e03:aed1::/64 is used for IPv6 clients.

Following IPv4 services and ICMP, GRE, ESP, AH protocols are allowed.

port	service	description
21/tcp	FTP	File transfer
22/tcp	SSH	Secure shell
23/tcp	Telnet	Terminal access
37/tcp	Time	Time
80/tcp	HTTP	WWW pages
88/udp	Kerberos	Authentication protocol
110/tcp	POP3	Email access
119/tcp	NNTP	News
123/udp	NTP	Time
143/tcp	IMAP	Email access
389/tcp	LDAP	Directory service
443/tcp	HTTPS	WWW pages (SSL)
465/tcp	SMTPS	Sending emails

500/udp	ISAKMP	IPSec VPN
554/tcp	RTSP	Real-Time Streaming Protocol
563/tcp	NNTPS	News (SSL)
587/tcp	Apple mail	Apple SMTP submission
636/tcp	LDAPS	Directory service (SSL)
993/tcp	IMAPS	Email access (SSL)
995/tcp	POP3S	Email access (SSL)
1042/tcp	Licence server	Licence server
1111/tcp	MM-adm	Macromedia Communication Server - admin
1194/tcp	OpenVPN	OpenVPN
1194/udp	OpenVPN	OpenVPN
1195/tcp	OpenVPN	OpenVPN
1195/udp	OpenVPN	OpenVPN
1213/tcp	CRM	Iterity CRM
1352/tcp	Lotus	Lotus Notes
1443/tcp	UStat	UStat
1444/tcp	IS UK	IS UK
1677/tcp	Novell	Novell Groupwise
1723/tcp	PPTP	PPTP VPN
1755/tcp	MMS	MMS with TCP-based transport (MMST)
1801/tcp	DigiTool	DigiTool
1935/tcp	RTMP	Macromedia Communication Server
2221/tcp	ESET NOD32	ESET NOD32
2222/tcp	ESET NOD32	ESET NOD32
2223/tcp	ESET NOD32	ESET NOD32
2224/tcp	ESET NOD32	ESET NOD32
2401/tcp	CVS	Source code access

3389/tcp	RDP	Terminal services - remote desktop
3478-3497/ udp	Facetime	Apple Facetime
4158/tcp	AVGAdmin	AVG Admin
4500/udp	IPSec NAT-T	IPSec PAT/NAPT
5060/tcp	SIP	Session Initiation Protocol (VoIP)
5060/udp	SIP	Session Initiation Protocol (VoIP)
5190/tcp	AOL/ICQ	ICQ client/server
5222/tcp	Jabber	IM Jabber
5223/tcp	Jabber	IM Jabber (SSL)
5228/tcp	Android	Android market
5228/udp	Android	Android market
5881/tcp	DigiTool	DigiTool
5938/tcp	Teamviewer	Teamviewer
6667/tcp	IRC	Internet Relay Chat
6881/tcp	DigiTool	DigiTool - Meditor
6991/tcp	Alef	Alef
6992/tcp	Alef	Alef
7070/tcp	Real	Real Audio control + data
7071/tcp	Real	Real Audio control + data
8000/tcp	Onelog	Onelog portal
8001-8079/ udp	RTP	SIP - RTP (VoIP)
8080/tcp	HTTP	WWW pages (proxy)
8081/tcp	DG	DG Client
8082/tcp	DG	DG Client
8170/tcp	HTTPS	Podcast Producer
8171/tcp	HTTP	Podcast Producer

8290/tcp	Winbox	MikroTik Winbox - management
8291/tcp	Winbox	MikroTik Winbox - management
8300/tcp	NovellIM	Novell Messenger
8331/tcp	MetalibUK	Metalib UK
8443/tcp	HTTPS/DG	DG Client
8801/tcp	UStat	UStat
9443/tcp	ProQuest	ProQuest
10000/tcp	IPSec over TCP	IPSec over TCP
11371/tcp	hkp	OpenPGP HTTP Keyserver
16384-16386/udp	Facetime	Apple Facetime
16393-16402/udp	Facetime	Apple Facetime
18080/tcp	Verde	Verde
18182/tcp	Fring IM	Fring IM
27001/tcp	Licence server	Licence server
28080/tcp	Verde	Verde
30000/tcp	IM+	Apple IM+
52000-53800/tcp	Fring IM	Fring IM
52000-53800/udp	Fring IM	Fring IM

Access to DNS service and sending emails via SMTP protocol is restricted to University servers:

IPv4

DNS1: 195.113.2.2

DNS2: 195.113.44.11

SMTP: smtp.eduroam.cuni.cz

IPv6

DNS: 2001:718:1e03:1::2

Special setting for CU training facilities Dobronice and Poříčí

The eduroam network on this sites is locally routed (IPv4 network 10.192.92.0/24, IPv6 is not available) and there is very limited set of allowed services. The WindowsUpdate service is not available on this sites.

port	service	description
22/tcp	SSH	Secure shell
80/tcp	HTTP	WWW pages
110/tcp	POP3	Email access
143/tcp	IMAP	Email access
443/tcp	HTTPS	WWW pages (SSL)
465/tcp	SMTPS	Sending emails
587/tcp	Apple mail	Apple SMTP submission
993/tcp	IMAPS	Email access (SSL)
995/tcp	POP3S	Email access (SSL)
2221/tcp	ESET NOD32	ESET NOD32
2222/tcp	ESET NOD32	ESET NOD32
2223/tcp	ESET NOD32	ESET NOD32
2224/tcp	ESET NOD32	ESET NOD32
3389/tcp	RDP	Terminal services - remote desktop
8443/tcp	HTTPS/DG	DG Client

Access to DNS service and sending emails via SMTP protocol is restricted to University servers:

DNS1: 195.113.2.2

DNS2: 195.113.44.11

SMTP: smtp.eduroam.cuni.cz

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