

Instalace SMTP serveru Framework NET Genium



netgenium.com



Obsah

1	Př	Příprava3					
	1.1	Win	dows Server 2016	3			
2	Na	astave	ení SMTP serveru přes IIS 6.0 Manager	7			
	2.1	SMT	P Virtual Server	9			
	2.1	.1	Connection	10			
	2.1	2	Relay	11			
	2.1	.3	Messages	12			
	2.1	.4	Delivery	13			
3	Na	astave	ení Services	. 15			
	3.1	Sim	ole Mail Transfer Protocol	16			
4	Na	astave	ení Firewall	. 18			
	4.1	Úplr	né zablokování všem IP adresám	19			
	4.2	Zabl	okování všem IP adresám kromě vybraných	20			
	4.2	2.1	General	21			
	4.2	2.2	Scope	22			
5	Sp	uštěr	ní SMTP serveru v IIS 6.0 Manager	. 23			



1 Příprava

- Postup je detailně popisován pro Windows Server 2016 v anglické verzi. Všechny úkony je nutné provádět pod administrátorskými právy.
- Ainstalujte služby a nástroje, které jsou potřebné pro SMTP server (IIS 6 Management Konzole a SMTP server).

1.1 Windows Server 2016

Spustte "Server Manager" přes nabídku "Start".

• Programs (3)
E Server Manager
ServerManager.exe
🚘 ServerManagerLauncher.exe
Settings (1)
ᡖ Server Manager
• Files (1)
500-100.asp
See more results
Search the Internet
server manager K Log off
2 🗆 🤶 🚍 🔚 😴 🛽



- 2obrazí se Vám okno se všemi druhy správy serveru. Pokud nemáte nainstalovanou službu IIS, je nejprve nutné tuto službu nainstalovat (viz například příručka "Instalace NET Genium"). V dalším postupu se počítá s tím, že služba IIS je již na serveru nainstalovaná. Pro instalaci IIS 6 Management konzole a SMTP serveru budou důležité "Roles" a "Features". IIS se na serveru chová jako role.
- Stiskněte "Add roles and features" a dále vyberte možnost "Server Roles".

🔛 Dashboard	WELCOME TO SERVER MANAGER
 Local Server All Servers File and Storage Services ▷ IIS 	QUICK START 2 Add roles and features 3 Add other servers to manage WHAT'S NEW 4 Create a server group 5 Connect this server to cloud services Hide
📥 Add Roles and Features Wizard	- 🗆 X
Select installation ty Before You Begin Installation Type Server Selection Server Roles Features Confirmation Results	But the installation type. You can install roles and features on a running physical computer or virtual achiever on an offline virtual hard disk (VHD). Conconconconconconconconconconconconconco
	< Previous Next > Install Cancel



×

- V dalším kroku systém vypíše seznam všech "Server Roles", které jsou na serveru k dispozici.
- Zde vyberte následující části a stiskněte tlačítko "Install":
- Management Tools
 - o IIS 6 Management Compatibility
 - IIS 6 Management Console
 - 📠 Add Roles and Features Wizard

DESTINATION SERVER Select server roles deltax1 Select one or more roles to install on the selected server. Before You Begin Installation Type Roles Description Server Selection IIS 6 Management Compatibility Print and Document Services provides forward compatibility for Server Roles Remote Access your applications and scripts that Remote Desktop Services Features use the two IIS APIs, Admin Base Volume Activation Services Object (ABO) and Active Directory Web Server (IIS) (16 of 43 installed) Service Interface (ADSI). You can use Web Server (13 of 34 installed) existing IIS 6 scripts to manage the FTP Server ъ IIS 10 Web server. ▲ ■ Management Tools (3 of 7 installed) IIS Management Console (Installed) IIS 6 Management Compatibility (2 of 4 instal IIS 6 Metabase Compatibility (Installed) ✓ IIS 6 Management Console (Installed) IIS 6 Scripting Tools IIS 6 WMI Compatibility IIS Management Scripts and Tools Management Service Windows Deployment Services Windows Server Essentials Experience Windows Server Update Services < Previous Next > Cancel Install



- Dalším krokem je instalace aplikace "SMTP server".
- V aplikaci "Server Manager" vyberte "Add features" a v seznamu vyberte "SMTP server" a stiskněte tlačítko "Install".





2 Nastavení SMTP serveru přes IIS 6.0 Manager

Spusťte "IIS 6.0 Manager", přes nabídku "Start".



7 / 23



1 Po spuštění programu se zobrazí následující obrazovka.

🐚 Internet Information Services (IIS) 6.0 Manager —							X
🐚 File Action View Win	idow Help					_ 1	5 ×
🖛 🄿 📊 🔜 🛃 🖬	🖳 🕨 🗉 🗉						
 Internet Information Service DELTAX1 (local compute (SMTP Virtual Server 	omputer)	Local Yes	Version IIS V7.5	Status			
< >	<						>



2.1 SMTP Virtual Server

- **1** Další postup nastavení SMTP Serveru je prováděn v aplikaci "Internet Information Services (IIS) 6.0 Manager".
- Pravým tlačítkem klikněte na "SMTP Virtual Server" a vyberte možnost "Properties".

🐚 Internet Information Services (IIS) 6.0 I	Manager	_	
🐚 File Action View Window He	lp		_ & ×
🔶 🔿 📴 🗟 📓 😨 🕞 🕨	II		
Internet Information Service ✓ Support DELTAX1 (local computer) > (SMTP Virtual Server) Start Storp Pause New New Winde Rename Refresh Properties Help	Local Version) Yes IIS V7.5	Status	
			>

Opens the properties dialog box for the current selection.



2.1.1 Connection

V záložce "Access" klikněte na tlačítko "Connection…".

[SMTP Virtual Server #1] Properties								\times
General	Access	Messages	Delivery	LDAP F	Routing	Securit	y	
- Acces Edit reso	Access control Edit the authentication methods for this resource.							
Secure communication TLS is not available without a certificate.								
Connection control Grant or deny access to this resouce using IP addresses or Internet domain names.								
Relay restrictions Grant or deny permissions to relay e-mail through this SMTP virtual server.								
OK Cancel Apply							Help	



V následujícím okně nastavte seznam všech IP adres, ze kterých bude umožněno připojení do SMTP Serveru. Bude-li umožněno připojení pouze z našeho serveru, zaškrtněte "Only the list below" a do seznamu přidejte IP adresu "127.0.0.1".

Connection					
Select which computers r Only the list below Only the list below Only the list below	nay access this virtual server: elow				
Computers:					
Access	IP Address (Mask) / Domain Name				
🧬 Granted	127.0.0.1				
<u>A</u> dd <u>R</u> em	ove				
	OK Cancel Help				

2.1.2 Relay

V otevřeném okně vyberte záložku "Access" a stiskněte tlačítko "Relay…".





V následujícím okně nastavte seznam všech IP adres, ze kterých bude umožněno přeposílání do SMTP Serveru. Bude-li umožněno přeposílání pouze z našeho serveru, zaškrtněte "Only the list below" a do seznamu přidejte IP adresu "127.0.0.1".

Relay Restrictions >							
Select which computer may relay through this virtual server:							
Access	IP Address (Ma	sk) / Domain Nar	ne				
<i>d</i> Granted 127.0.0.1							
Add <u>Remove</u> Allow all computers which successfully authenticate to relay, regardless of the list above.							
	ОК	Cancel	<u>H</u> elp				

2.1.3 Messages

Dále přejděte do záložky "Messages", ve které můžete zakázat u zpráv limit jejich velikosti, limit "session" a limit počtu zpráv v rámci jednoho spojení.





2.1.4 Delivery

Poté přejděte na záložku "Delivery" a klikněte na tlačítko "Advanced...".

[SMTP Virtual Server #1] Properties	? ×	
General Access Messages	DAP Routing Security	
Outbound First retry interval (minutes):	15	
Second retry interval (minutes):	30	
Third retry interval (minutes):	60	
Subsequent retry interval (minutes):	240	
Delay notification:	12 Hours 💌	
Expiration timeout:	2 Days 💌	
Local		
Delay notification:	12 Hours 💌	
Expiration timeout:	2 Days 💌	\sim
Outbound Security Outbound conne	actions Advanced	(2
OK Cancel	Apply Help	



Astavte FQDN (Fully-qualified domain name)

A Důležitá poznámka: Je potřeba kontaktovat vašeho providera internetu, aby vám vytvořil reverzní záznam (PTR), který se musí shodovat s vaším FQDN.

Advanced Delivery	×
Maximum hop count:	
Masquerade domain:	
Fully-qualified domain name:	
domainname.cz	Check DNS
Smart host:	
C Attempt direct delivery before sending to smart host	
Perform reverse DNS lookup on incoming messages	
OK Cancel	Help





3 Nastavení Services

Přes nabídku "Start" spusťte "Services".





3.1 Simple Mail Transfer Protocol

Vyhledejte službu "Simple Mail Transfer Protocol" klikněte na ní pravým tlačítkem a zvolte na "Properties".

ervices (Local)	Services (Local)						
	Simple Mail Transfer Protocol (SMTP) Stop the service Pause the service Restart the service Description:	Name Secure Socket Tunneling Pr Security Accounts Manager Sensor Data Service Sensor Service Server Server Server	Description Provides su The startup Delivers dat Monitors va A service fo Supports fil Descrides on	Status Running Running	Startup Type Manual Automatic Manual (Trig Manual (Trig Automatic	Log On As Local Service Local Syste Local Syste Local Syste Local Syste Local Syste	
	network.	Simple Mail Transfer Protoc	Transports e	Running	Automatic	Local System	
		Smart Card Smart Card Device Enumera Smart Card Removal Policy SNMP Trap Software Protection Special Administration Con	Manages ac Creates soft Allows the s Receives tra Enables the Allows adm	Running	Disabled Manual (Trig Manual Manual Automatic (E Manual	<u>Start</u> St <u>op</u> Payse Resu <u>m</u> e Restart	
		A Spot Verifier	Verifies pote		Manual (Trig	All Tasks	>
		SSDP Discovery	Discovers n Provides re	Running	Manual Manual	Refresh	-
		Still Image Acquisition Events	Launches a		Manual	Properties	
		Storage Service	Provides en Optimizes t Maintains a		Manual (Trig Manual Manual	Help	G
		Sync Host_e2ba69 System Event Notification S	This service Monitors sy	Running Running	Automatic (D.,. Automatic	Local Syste	C
		The Container Frances Bushins	Contain	n	A	1 C	

Opens the properties dialog box for the current selection.



A va záložce "General" nastavte Startup type na "Automatic".

Simple Mail Transfe	er Protocol (SMTP) Properties (Local Computer) 🛛 🗙	
General Log On	Recovery Dependencies	
Service name:	SMTPSVC	
Display name:	Simple Mail Transfer Protocol (SMTP)	
Description:	Transports electronic mail across the network.	
Path to executable C:\Windows\syste	:: m32\inetsrv\inetinfo.exe	
Startup type:	Automatic \checkmark	(2)
		\smile
Service status:	Running	
Start	Stop Pause Resume	
You can specify th from here.	e start parameters that apply when you start the service	
Start parameters:		
	OK Cancel Apply	





4 Nastavení Firewall

Přes nabídku "Start" spusťte nastavení Firewallu, jako administrator.





Aby se nemohl kdokoli přihlásit na daný SMTP server a z něho odesílat zprávy, je nutné zablokovat SMTP-In Protocol. SMTP-In Protocol lze zablokovat dvěma různými způsoby.

4.1 Úplné zablokování všem IP adresám

V "Inbound rules" klikněte pravým tlačítkem myši na "Simple Mail Transfer Protocol (SMTP-In)" a zvolte možnost "Disable Rule".

P Windows Firewall with Advanced Security

File Action View Help			
🗢 🏟 🚾 🗟 📊			
Windows Firewall with Advance ■	Inbound Rules		
Inbound Rules	Name Group	Profile	e E ^
Connection Security Rules	Inbound Rule for Remote Shutdown (TC Remote Shutdown	All	1
Monitoring	Remote Scheduled Tasks Management (Remote Scheduled Task	ks M All	1
· ····································	Remote Scheduled Tasks Management (Remote Scheduled Task	ks M All	1
	Remote Volume Management - Virtual Di Remote Volume Manag	jement All	1
	Remote Volume Management - Virtual Di Remote Volume Manag	jement All	1
	Remote Volume Management (RPC-EPM Remote Volume Manag	jement All	1
	Routing and Remote Access (GRE-In) Routing and Remote A	ccess All	1
	Routing and Remote Access (L2TP-In) Routing and Remote A	ccess All	1
	Routing and Remote Access (PPTP-In) Routing and Remote A	ccess All	1
	Secure Socket Tunneling Protocol (SSTP Secure Socket Tunnelin	ıg Pr All	1
	🧭 World Wide Web Services (HTTPS Traffic Secure World Wide We	b Ser All	3
	Simple Mail Transfer Protocol (SMTD Ja) Simple Mail Transfer Pr	otoc All	, n
	SNMP Trap Service (UDP In) Disable Rule	Doma	in I
	SNMP Trap Service (UDP In) Cut	Private	e 1
	Software Load Balancer Multiplex Copy ancer	r All	1
	TPM Virtual Smart Card Manager Card	Ma Doma	in I
	TPM Virtual Smart Card Manager Card	Ma Private	e I
	TPM Virtual Smart Card Manager Properties Card	d Ma Private	e 1
	TPM Virtual Smart Card Manager	Ma Doma	in I
	Virtual Machine Monitoring (DCC Inc. Jonito	oring All	1
	Virtual Machine Monitoring (Echo Reque Virtual Machine Monito	oring All	1
	Virtual Machine Monitoring (Echo Reque Virtual Machine Monito	oring All	1
	Virtual Machine Monitoring (NB-Session Virtual Machine Monito	oring All	1
	Virtual Machine Monitoring (RPC) Virtual Machine Monito	oring All	~ ۱
< >>	<		>

Disable Rule



4.2 Zablokování všem IP adresám kromě vybraných

V "Inbound rules" klikněte pravým tlačítkem myši na "Simple Mail Transfer Protocol (SMTP-In)" a zvolte možnost "Properties".

Pindows Firewall with Advanced Security

File	Action	View	Help						
() 🖄 🖬	7	? 🖬						
	lindows Fi		ith Advan	Labour d Data	_				
	Indows Fi	rewall w	lith Advand	Inbound Rules					
Connection Security Rules	Name Group	Profile	ΕΛ						
	Inbound Rule for Remote Shutdown (TC Remote Shutdown	All	1						
5	Monitor	ina	any naies	Remote Scheduled Tasks Management (Remote Scheduled Tasks M	All	1			
				Remote Scheduled Tasks Management (Remote Scheduled Tasks M	All	1			
				Remote Volume Management - Virtual Di Remote Volume Management	All	1			
				Remote Volume Management - Virtual Di Remote Volume Management	All	1			
				Remote Volume Management (RPC-EPM Remote Volume Management	All	1			
				Routing and Remote Access (GRE-In) Routing and Remote Access	All	1			
				Routing and Remote Access (L2TP-In) Routing and Remote Access	All	1			
				Routing and Remote Access (PPTP-In) Routing and Remote Access	All	1			
				Secure Socket Tunneling Protocol (SSTP Secure Socket Tunneling Pr	All	1			
				🔮 World Wide Web Services (HTTPS Traffic Secure World Wide Web Ser	All	1			
			Simple Mail Transfer Protocol (SMTP-In)	All					
				SNMP Trap Service (UDP In)	Domain	1			
				SNMP Trap Service (UDP In) Cut	Private	1			
				Software Load Balancer Multiplexer (TCP Copy	All	1			
				TPM Virtual Smart Card Management (D Delete	Domain	1			
				TPM Virtual Smart Card Management (D	Private	1			
				TPM Virtual Smart Card Management (T Properties	Private	1			
				TPM Virtual Smart Card Management (T	Domain	1			
				Virtual Machine Monitoring (DCOM-In)	All	1			
				Virtual Machine Monitoring (Echo Reque Virtual Machine Monitoring	All	1			
				Virtual Machine Monitoring (Echo Reque Virtual Machine Monitoring	All	1			
				Virtual Machine Monitoring (NB-Session Virtual Machine Monitoring	All	1			
				Virtual Machine Monitoring (RPC) Virtual Machine Monitoring	All	14			
<			,			/			
Opens	; the prope	erties dia	alog box fo	the current selection.					



4.2.1 General

V nově otevřeném okně "Simple Mail Transfer Protocol (SMTP-In) Properties" přejděte na záložku "General", vyberte možnost "Allow the connection" a stiskněte tlačítko "Apply".





4.2.2 Scope

Pro povolení přihlášení jen určitých IP adres na SMTP server, zadejte seznam IP adres na záložce "Scope" do pole "Remote IP address".

Simple Mail	Transfer	Protocol (S	MTP-In) Prop	perties	;	×
General Progra			ns and Services Remote Co			e Computers
Protocols a	ind Ports	Scope	Advanced	Loca	l Principals	Remote Users
Local IP	address Any I These 	P address e IP addres	ses:		Add Edit Remove	
	Any I Any I	P address e IP addres:	ses:		Add Edit Remove	
			ОК		Cancel	Apply



5 Spuštění SMTP serveru v IIS 6.0 Manager

Po úspěšném nastavení SMTP serveru spusťte SMTP server přes "Internet Information Services (IIS) 6.0 Manager".
 V programu klikněte pravým tlačítkem na SMTP Server a vyberte možnost "Start".

🗐 Internet Information Services (IIS) 6.0 Manager	_	
🐚 File Action View Window Help		_ 8 ×
💠 🧼 🚈 📰 🖼 🗟 🛛 📰 🕨 💻 II		
Internet Information Service Name Service Signature Service Name Signature Service Service Name		
Start		
Pause		
New >		
View > New Window from Here		
Rename Refresh Export List		
Properties		
Help		
< >> Start the server		

