ESET Tech Center

Knowledgebase > ESET Secure Authentication > How do I configure nginx as reverse proxy for ESET Secure Authentication

How do I configure nginx as reverse proxy for ESET Secure Authentication

Mitchell | ESET Nederland - 2021-11-12 - Comments (0) - ESET Secure Authentication

prerequisites

- ESA Installed
- fqdn (esa.company.com for example)
- valid SSL Certificates for above fqdn (can be self signed)

Installing nginx on windows

- 1. Download nginx for windows via http://nginx.org/en/download.html
- 2. Download nssm for windows via https://nssm.cc/download
- unpack nginx and place it in a logic location (C:\nginx or C:\Program Files\nginx for example)
- 4. open command prompt and run nssm.exe install
- 5. browse to the nginx.exe location (step 3)
- 6. fill in a service name (nginx for example)

C\Windows\system32\cmd.exe	-		>
C:\Users\ Downloads\nssm-2.24-101-g897c7ad\nssm-2.24-101-g897c7ad\win64>nssm.exe install Administrator access is needed to install a service.			
C:\Users\\Downloads\nssm-2.24-101-g897c7ad\nssm-2.24-101-g897c7ad\win64>			
N NSSM service installer		>	<
Application Details Log on Dependencies Process Shu Application Path: C:\nginw-1.15.0\nginw-1.1	down		
6 Service name: nginx Install service	rice	Cancel]

- 7. go to the details tab
- 8. set the startup type to "Automatic (Delayed start)
- 9. Click on install service

N NSSM 7 installer ×	(
Application Details Log on Dependencies Process Shutdown Exit	
Details Display name:	
Description:	
Startup type	
Service name: nginx Install service Cancel	

10. open the nginx.conf file (%nginx-directory%/conf/nginx.conf)

11. add the following to the bottom of this config file:

HTTPS server # server { listen 443 ssl;

server_name esa.company.com;

ssl_certificate "C:\path\to\certificate.pem";

ssl_certificate_key "C:\path\to\certificate-privatekey.pem";

ssl_session_cache shared:SSL:1m;

ssl_session_timeout 5m;

ssl_ciphers HIGH:!aNULL:!MD5;

ssl_prefer_server_ciphers on;

location / {

proxy_pass https://127.0.0.1:8001;

- }
- 12. change the paths to the certificates and chance the proxy_pass ip-adress to that of the ESA Core service if not installed on the same machine.
- 13. start the nginx service.

Adding a stand-alone computer

- 1. In the ESA Web Console, click Components > Invitations.
- 2. Click Create invitation....
- 3. Enter an invitation name, expiration time and usage count. Click Create.

DASHBOARD	Components		
A users	Invitations	NAME CREATED CREATED	BY EXPIRATION DATE USAG
COMPONENTS	No component types are available. Component types	Create Invitation ×	
P HARD TOKENS	are shown here automatically when components are installed.	 Invitation name 	
		New invitation	
		Expiration time	
		10 minutes vitati	
		Usage count the cre	
		CEATE GOSE	
COLLAPSE			

4. The invitation details displays. To save the details to a text file or to copy elsewhere, click Copy data to clipboard.

Invitation Details	×
Use "Copy data to clipboard" button to get the invitation	data usable by setup.
Code:	Authentication Server certificate subject names:
JGGN-PEMY-SDWM-SFNN-WAZJ	Only these addresses can be used to access Authentication Server
Certificate thumbprint:	ACS-WINSRV2012C:8011
8F809F2D46D964F000B5A416BE38925B1C069388	• 192.168.1.108:8011
Certificate expiration:	[fe80::ade7:e3a4:46aa:96d9]:8011
4/15/2028	
	COPY DATA TO CLIPBOARD CLOSE

- 5. Start the ESA installation on the desired stand-alone system
- 6. When prompted, click Select components, select the desired components

ED	ESET Secure Authentication Setup	_ 🗆 🗙
ESET SECURE AUTHENTICATIO	Ν	v2.7.30.0
Review license agreement Deployment Type Perform startup checks Select components Authentication Server access Advanced configuration Web Admin configuration Check prerequisites Install Complete	Core Components Authentication Server Local Login Protection Windows Login Remote Login Protection RADIUS Server for VPN Protection Remote Desktop Web Application Protection Microsoft Exchange Server 2016, 2013, 2010 or 2007 Microsoft SharePoint Server 2016, 2013 or 2010 Remote Desktop Web Access Microsoft Dynamics CRM 2016, 2015, 2013 or 2011 Remote Web Access Active Directory Federation Services (AD FS) Protection AD FS 3 or 4	
	Back	Next

7. Paste the invitation data generated during step 4 in the "invitation data" box.

-	ESET Secure Authentication Setup	_ 🗆 X
ESET SECURE AUTHENTICATION		v2.7.30.0
Review license agreement	Authentication Server access	
Deployment Type	Configure Authentication Server access	
Perform startup checks	Invitation data:	
Select components	code=	
Authentication Server access	server=	
Advanced configuration		
Web Admin configuration	Hint: Relevant connection data can be found in ESA Web Console, section	n: Invitation
Check prerequisites	details	
Install		
Complete		
	Back	Next

- 8. change the "server=" variable from local hostname to the fqdn (esa.company.com)
- 9. click next to finish installation.

nginx reverse proxy