

Pocket Guide

How to implement Single Sign-On using STAS

For Customers with Sophos Firewall Document Date: November 2016

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Overview

Sophos Transparent Authentication Suite (STAS) authenticates users to allow them access to applications through a single username and password. It also eliminates the installation of SSO clients on each workstation reducing deployment overhead and more importantly, it delivers a higher level of protection.

Prerequisites

STAS is installed on a domain controller. Sophos XG firewall support Windows Server 2003 and above.

Configuration

STAS monitors for event ids whenever user tries to log in or access network resources. On Windows Server 2008 & 2012, it monitors for event id 4768. On Windows Server 2003, event id is 672. STAS client sends event id and audit log information to the Server's XG firewall at port 6060. Whenever a user logs in or tries to access network resources, a Kerberos authentication ticket is requested. This event is recorded in event log. STAS software installed on main domain controller detects this and sends information to XG firewall. XG firewall extracts user information and records it in its own database.

Step 1: Download STAS client

Navigate to **Configure > Authentication > Client Downloads** and download Sophos Transparent Authentication Suite (STAS).



Step 2: Install STAS on Windows Server 2003 or above

STAS setup consists of STA Collector and Agent. SSO Suite option installs both. STA collector collects the event information and pass it to STA agents. Agents communicate the information to Sophos XG firewall. Select any of the option and click next.



Step 3: Enter administrator username and password.

The user account on which y	ou want to launch the service		
Please enter the user accour administrator user.	nt's username and password. This must be an		
User name must be in form D accout please enter .'(UserN	ComainName UserName. If you want to use local u ame		
Jser Name	xglabs\Administrator		
Password	•••••		

517	A Agent STA Colle	ector Exclusion List	Advanced About
Status			
Current Sta	atus of STA Agent:	Stopped	Start
Administrat	ive Credentials		
Change us launched	er account on whic	h service is	Update
Monitored	Domains		
Following d	lomains are being m	nonitored	
Domain Ty	pe	Microsoft Active	Directory -
NetBIOS N	lame:	xglabs	
Fully Qualif	ied Domain Name	xglabs.local	
Following S	Sophos Appliances	are being served	
Application	Port		
Listening to	the Sophos applia	nces on Port	6677
Listening to	the remote STA A	gents (if any) on Port	5566

Step 4: Enter NetBIOS name and FQDN in general settings

Step 5: Enter IP address of networks to be monitored

ophos Transparent Authenticati	on Suite
General STA Agent STA Colle	ctor Exclusion List Advanced About
STA Agent Mode:	EVENTLOG
Monitored Networks	Evented
Specify the networks to be mo	nitored:
10.10.0.1/24	Add
	Edit
	Remove
Domain Controller Polling	
Specify the domain controller to	be polled:
	Add
	Edit
	Remove
Collector List	
Specify the other STA collecto	rs to be serverd:
	Edit
	Remove
(L) Language OK	Cancel Apply

10.10.1.1		Add
		Remove
Workstation Polling Sett	ings	
Workstation Polling Me	thod: WMI	-
Logoff Detection Setting	js	
Enable Logoff Deter	ction	
Detection	Workstation polling	•
Detection Interval:	605 Seconds	; (600-3600)
Dead entry timeout	0 Hours (() is disabled)
Application Port		
Listening to the Sophos	appliances on Port	6677
Listening to the remote	STA Agents (if any) on Port	5566

Step 6: Enter IP address of Sophos Appliance in STA Collector tab

neral STA Agent S	TA Collector Exclusion List	Advanced About
Logging		
Log File Size (MB 10-25)	10	Show Live Users
Log Level	Debug 👻	View Log
		View Logging Events
Backup / Restore		
Backup Configuration	Backup Now	
Restore Configuration	n	Browse
	Upload and Restore	
Troubleshooting		
STAS Polling Utilities	s	
WMI Verification		Test
Registry Read Verification		Test
Test Connectivity		
Sophos	10 . 10 . 1 . 1	Test
STAS Agent	ConfigSTAS	Test
STAS Collector	Test Connection successful.	Test
	T ₆	
Configuration Sync	OK	
Configuration Sv	/nc	View Sync Logs

Step 7: Test Connectivity with Sophos Appliance from Advanced tab

Step 8: Login using windows credentials

Whenever a user of XGlabs domain logs onto windows, using windows credentials, domain controller can view live users information from **Show Live Users** on Advanced tab. It can also be viewed on WebAdmin interface from **Monitor&Analyze > Control Center** or **Monitor&Analyze > Current Activities > Live Users** tab.

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