



## ExOS 7.4.4 Update 2 Release Notes

**Release Date: February 23<sup>rd</sup>, 2017**

### Software Update:

Download the software update – [v7.4.4u2 ExOS](#)

Size: 679,030,168 bytes

MD5 Hash: 94eba11be38ef5c867e323c7505f9bf7

### Supported upgrade versions:

7.4.2, 7.4.3, 7.4.4, 7.4.4u1

### Supported Platforms:

X4000, X6000, X8000, X10000, and all Virtual Appliances

### Upgrade Path:

Upgrading from a previous version of 7.x, is a direct update to 7.4.4u2

## Product Updates

### New Software Features

This version addresses a number of field related issues. For a list of issues addressed, please consult the Bug Fixes: Addressed Issues section below.

### New L7 Signatures

#### Added in 7.4.4 Update 2

Azar	S7comm	AMQP	KanKan	Signal Messenger	IPMI
Google Shared Services					

#### Added in 7.4.4

OpenFlow	Slack	Good for Enterprise Business	Amazon Prime Video	Pokemon Go	OutlookMobile
Upptalk	Niantic Labs	New Relic	Viber video	OCSP	Huddle
OPC UA	Modbus	ZenDesk	2channel	retune	iTunesU
Prisma	BackBlaze	PopCap	Anghami	DeNA	Survey Monkey
Path of Exile	Ingtagram	Fastrack	PCoIP	Betternet	Icecast
FASP	DocuSign	musical.ly	EA Games		

## Improved L7 Signatures

### Updated in 7.4.4 Update 2

Ultrasurf	WeChat	Youtube	PDPProxy	Line	Instagram
Amazon Prime Video	Viber	Amazon Cloud	Kerberos	Oscar	iTunes
Windows update	Google Cloud	Amazon Cloud	DDL	Candy Crush	Candy Crush Soda
PlayStation Network	1kxun application	livejasim application	HTTP audio/video	Skype video	Booking.com
SinaTV	Facebook	Battlefield	Supercell	Clash Royal	Boom Beach
Hay Day	Clash of Clans	NNTP	Syslog	Google	RTP for H.264
Reddit	Battlenet	Overwatch	Apple Music	Half-Life2	Ultrasurf
YouTube	Teamviewer	Battle.net	Facebook video	Steam	Google Services
Quic	2gis	Thunder	Facebook filetransfer	World of Warcraft	SecondLife
IEC61850	uloz.to	Clash Royale	DHCP	Youku	turbobit.net

### Updated in 7.4.4

Spotify	Good (on Android)	Citrix	iTunesU	Skype file-transfer	YouPorn
Office365	Snapchat	FTP	Whatsapp	Second Life	Android OS update
WinMX	IMO Messenger	Google for HTTP	IPSec	VNC	MapMyRun
Teamviewer	CtiTV	QUIC	Supercell	TVU Player	SugarSync
Boom Beach	ClubPenguin	Vippie	Hay Day	Classification	DCE_RPC
Clash of Clans	Hike Messenger	Telnet	Sina Weibo	Telegram browser	XMPP
Skype	QQLive	Filetopia	Oovoo	Viber audio	

## Deprecated L7 Signatures

### Removed in 7.4.4 update 2

edisk.cz (use edisk instead)  
 Utrashare.de (use Ultrashare instead)  
 Yunfile.io (use Yunfile instead)

### Removed in 7.4.4

Yuiop (use Upptalk instead)  
 Lovefilm (use Amazon Prime Video instead)  
 Filefont.com  
 Protocol media attribute (use PACE2\_HTTP\_CONTENT\_TYPE instead)  
 Usenet (use nntp instead)

## **Bug Fixes**

### Addressed Issues

The following issues have been addressed as part of work completed in this release:

### **New in 7.4.4 Update 2**

- D-05029** - Unexpected device shutdowns (due to squid)
- D-05118** - IOS/Apple Apps not being cached
- D-05813** - SMB Acceleration Process Dies
- D-05877** - ultrasurf traffic classified as https in 7.4.2
- D-05903** - Secure traffic being blocked
- D-06042** - VC Graph doesn't display data for last 7 days
- D-06143** - Reduced permissions for TACACS or RADIUS administrator account on web UI
- D-06159** - iTunesU not correctly classified
- D-06173** - Control graphs and VC different for same subnet
- D-06210** - Dynamic Virtual Circuit not limiting per-user bandwidth
- D-06245** - Google Playstore traffic is classified as YouTube
- D-06332** - SMBAD: DiskManager thread locking issue.
- D-06365** - Facebook Mobile App Classified As HTTPS
- D-06380** - Check For Latest Updates shows new version available (but it shouldn't)
- D-06385** - Google Apps being Classified as "HTTPS and UDP Ports 443->xxxxx (random port number)"
- D-06400** - Dirty Cow Vulnerability Patched
- D-06444** - Traffic of "Skype for Business" is being misclassified as "RTP[dynamic/115]" in firmware 7.4.4
- B-07710** - Enable sub-classifications of Facebook traffic available in Appliance Applications

### **Included in 7.4.4 Update 1**

- D-06174** - High WAN memory usage issue (increase in file descriptors to stabilize WMD)
- D-06338** - Cluster failure for 8k and greater devices
- D-06380** - Check For Latest Updates shows new version available (although it shouldn't)

### **Included in 7.4.4**

- D-03355** - Setting custom range end time on web UI monitoring graphs is off by 1 hour
- D-04189** - Slow File Transfers with SMB Acceleration Turned On. [For workaround refer to Knowledge Base Article: 1667](#)
- D-04779** - Skype is not classified correctly
- D-04780** - Facebook Video and Voice classified as RTP
- D-04781** - small portion of Netflix traffic is being misclassified as HTTPS
- D-05065** - Betternet VPN Doesn't have Application
- D-05072** - EA Sports Multiplayer Traffic Classification
- D-05105** - Cluster - showing only local traffic on realtime
- D-05502** - Prepopulation doesn't work in 7.4.1
- D-05969** - Sending command 'image install' from SDP not working
- D-06026** - FTP acceleration not working when cluster enabled in 7.4.1. [For workaround refer to Knowledge Base Article: 1667](#)
- D-06064** - SMB - Windows 10 Sometimes Can't Connect to Windows Server 2008R2 /2012 due to SMBv3 related settings
- D-06131** - Can't add applications that use arbitrary strings as subtypes from CLI
- D-06157** - Repeated diagnostics warnings after upgrade to 7.4.3 (workaround fix)
- D-06162** - Alloc8 crashes when IPv6 traffic passes through

- D-06167** - Debugging Left On and affecting internal logging
- D-06168** - ea-games not correctly classified
- D-06169** - WebUI on Alloc8 slow during initial configuration without internet access
- D-06211** - No reduction or acceleration when client side Cluster Slave controls the SMB connection
- D-06250** - Systemize fix for CVE-2003-1418 - Apache Server vulnerability
- D-06285** - Game Path of Exile is Classified as Warcraft 3
- D-06291** - Prepopulation SMB fails when server name is used and depth of path greater than one gives error "Failure, Invalid argument"
- D-06363** - Edge Cache Crashing with "Swapfile Header Inconsistent"
- B-05743** - Let SMBv3 traffic pass natively - do not downgrade to SMBv1 or SMBv2
- B-07024** - SMB - extracting archive over accelerated connection is slow

### **Known Issues**

The following is a list of known issues reported by customers that may still affect this release:

- D-03974** – Squid process crashing
- D-05870** – Report Legend on ‘Control Discard Graph’ Incorrect
- D-05990** – Appliance will crash if blank application group is used in a VC
- D-06053** – RTP G711/722 Classification Fails
- D-06270** – Firefox generation “SEC\_ERROR\_EXPIRED\_ISSUER\_CERTIFICATE” when using HTTPS Edge Cache
- D-06477** - Facebook Audio traffic is classified as Facebook Video

For a complete list of all known issues, please check [Knowledge Base Article: 1884.](#)