

# Don't Let Unsupported Devices Compromise Your SAN

**Upgrade to the Brocade® G610 Today**

The Brocade® 300 Switch and the Brocade 6505 Switch have both reached End-of-Life (EOL). With both the Brocade Fabric OS® (FOS) End-of-Availability (EOA) and End-of-Support (EOS) already passed, you should upgrade your Brocade 300 switches to the Brocade G610 Switch immediately—and do not forget about any Brocade 6505 switches running in your data center which has EOS fast approaching on April 30, 2025.

## **Brocade 300 Switch EOL Dates**

EOL: **October 16, 2018**

Brocade FOS EOA: **April 16, 2023**

EOS: **April 16, 2024**

## **Brocade 6505 Switch EOL Dates**

EOL: **October 31, 2019**

Brocade FOS EOA: **April 30, 2023**

EOS: **April 30, 2025**

Besides the increased risk of downtime, halt on enhancements and a lack of regular security updates after EOL, maintaining aging networking infrastructure in your data center may be riskier than you think. Older technology was not designed to handle the demands of next-gen servers and storage arrays, which can result in capacity overloads and traffic bottlenecks. More importantly, FOS EOA products are not able to run the latest versions of firmware, exposing your data center to security vulnerabilities.

If you are running a Brocade 300 or 6505 Switch, you need to take action now to safeguard the ongoing security and availability of your critical applications. By upgrading to the Brocade G610 Switch, you will reap the benefits of a faster, more efficient SAN. You will also have access to the latest versions of Brocade FOS, ensuring that critical features are in place to strengthen your network security for protection against threats and cyber attacks.

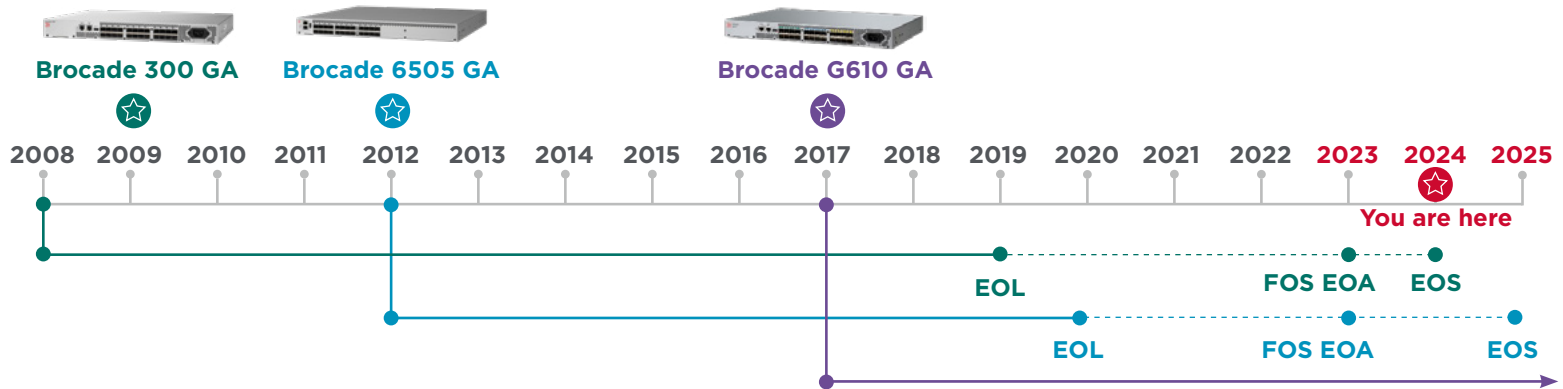
## **What Happens at Fabric OS® EOA?**

Brocade engineering identifies hundreds of security threats every year and provides patches to address these vulnerabilities. Once FOS EOA arrives, there will be no further scheduled releases of FOS with bug fixes or improvements made available for the switch. More importantly, the scheduled FOS patches for any recent security vulnerabilities may not be available, potentially compromising the security profile of the entire SAN environment and leaving your data exposed.

## **What Does End-of-Support (EOS) Mean?**

Broadcom will no longer support or troubleshoot any Brocade product that is End-of-Support (EOS). For customers running a multiple-device fabric, if the Brocade Technical Assistance Center (TAC) confirms that there is an EOS Brocade product in the fabric, TAC will not troubleshoot the fabric until the EOS Brocade product has been removed from the fabric. Additionally, EOS products are no longer entitled to access software updates, bug fixes, or patches on the Brocade software portal.

## Running Brocade 300 or 6505 Switches? Your Switches Might Be Older than You Think.



### What Are the Risks if You Wait to Upgrade?



#### Reliability Issues

Over time, heat, vibration, and dust will impact hardware reliability, which could cause disruptions or failures.



#### Interoperability Issues

When connecting to legacy SAN products, new servers and storage may not be compatible, may be limited to a subset of their features, or you may not see their full performance.



#### Security Vulnerabilities

Patches for any recent security vulnerabilities will become limited over time, leaving your data exposed and resulting in potential financial and legal ramifications.



#### Performance Impact

EOL infrastructure can impede the capabilities of evolving workloads and high-performance storage. The Brocade 300 was released over 16+ years ago and the Brocade 6505 was released over 12 years ago.

## Legacy Technologies Were Not Designed for the Demands of Today's On-Demand Data Center.

Your investment in the reliability and security of Fibre Channel in Brocade 300 and 6505 switches has yielded the most important return: high availability of your data. However, now these switches have reached FOS EOA and either are out of support or soon will be, making it time to upgrade. Brocade G610 Switches fulfill demands for reliability and data integrity at a price point that eases the transition to newer technology. The Brocade G610 Switch provides a longer usable life and lower vulnerability risk with security updates to strengthen the level of security in your network.

Modernizing your storage network with the Brocade G610 Switch can help take the pain out of protecting and managing your data center. With automated administrative routines and processes, you will see dramatic savings in time typically spent troubleshooting issues, optimizing application performance, and maintaining high levels of security. It is time to protect your data and retire the legacy devices in your data center with the Brocade G610 Switch.

## Why Should You Upgrade?



### Security

Ensure that critical features are in place to strengthen your critical data network security and lower vulnerability of threats and cyber attacks.



### Reliability

Rely on a robust network that keeps running, no matter what, with six nines availability. With integrated VM sensors, monitoring and diagnostics provides insights on what is happening in your SAN to ensure operational stability.



### Performance

Support more applications and VMs per switch, while optimizing performance for NVMe.



### Simplicity

Simplify management with easy-to-use tools that help you manage a single switch or your whole fabric at once, from deployment to configuration and direct hands-on management.



### Lifetime Warranty

Protect your investment with the industry-first lifetime warranty, a long service life, and better TCO than either the Brocade 300 or the Brocade 6505.

## Upgrade to the Brocade G610 Switch Today

Modernizing your storage network with the Brocade G610 Switch ensures high levels of security, reliability, and connectivity to high-performance storage.

Features	Brocade 300	Brocade 6505	Brocade G610
Maximum Port Speed	8G	16G	32G
Total Line-Rate Ports	8 to 24 at 8G	12 to 24 at 16G	8 to 24 at 32G
Power	0.30 watts/Gb/s, single fixed	0.14 watts/Gb/s, single hot-swappable power supply, optional second power supply	0.10 watts/Gb/s, single fixed
Frame-Based ISL Trunking	64G frame-based trunk (optional)	128G frame-based trunk (optional)	256G
ClearLink™ Diagnostic Port	Not available	Simple cable and optics diagnostics	Included
Forward Error Correction (FEC)	Not available	Increased transmission reliability	Included
ASIC-Enabled Buffer Credit Loss Detection and Automatic Recovery at Virtual Channel Level	Not available	Enhanced reliability and automated recovery from errors	Enhanced reliability and automated recovery from errors
Lifetime Warranty	Not available	Not available	Included
Product Availability	<b>EOL: October 16, 2018</b> <b>FOS EOA: April 16, 2023</b> <b>EOS: April 16, 2024</b>	<b>EOL: October 31, 2019</b> <b>FOS EOA: April 30, 2023</b> <b>EOS: April 30, 2025</b>	Available since March 2017

**Find out why Brocade G610 Switch is the clear upgrade for your Brocade 300 and 6505 switches. >**

**Learn more about the Brocade G610 Switch in the Product Brief. >**