### 12 Reasons to Upgrade to an NSA 2600 or NSA 3600 from an NSA 2400 or NSA 3500

#### Quick Glance

<table>
<thead>
<tr>
<th>Feature</th>
<th>NSA 2400</th>
<th>NSA 3500</th>
<th>NSA 2600</th>
<th>NSA 3600</th>
</tr>
</thead>
<tbody>
<tr>
<td>Processors</td>
<td>2x400 MHz</td>
<td>2x500 MHz</td>
<td>4x800 MHz</td>
<td>6x800 MHz</td>
</tr>
<tr>
<td>Memory</td>
<td>512 MB</td>
<td>512 MB</td>
<td>2 GB</td>
<td>2 GB</td>
</tr>
<tr>
<td>Physical interfaces</td>
<td>6x1-GbE</td>
<td>6x1-GbE</td>
<td>8x1-GbE, 1Mgmt</td>
<td>2x10-GbE SFP+, 4x1-GbE SFP, 12x1-GbE, 1Mgmt</td>
</tr>
<tr>
<td>Deep Packet Inspection (DPI) performance</td>
<td>150 Mbps</td>
<td>240 Mbps</td>
<td>300 Mbps</td>
<td>500 Mbps</td>
</tr>
<tr>
<td>SSL Inspection and Decryption (DPI SSL) performance</td>
<td>40 Mbps</td>
<td>60 Mbps</td>
<td>200 Mbps</td>
<td>300 Mbps</td>
</tr>
<tr>
<td>Connections per second</td>
<td>4,000/sec</td>
<td>7,000/sec</td>
<td>15,000/sec</td>
<td>20,000/sec</td>
</tr>
<tr>
<td>VLAN interfaces</td>
<td>50</td>
<td>200</td>
<td>256</td>
<td>256</td>
</tr>
<tr>
<td>Single sign-on (SSO) users</td>
<td>500</td>
<td>1,000</td>
<td>30,000</td>
<td>40,000</td>
</tr>
<tr>
<td>DPI SSL licenses included</td>
<td>✗</td>
<td>✗</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>DPI SSL enhancements</td>
<td>✗</td>
<td>✗</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Capture Advanced Threat Prevention service</td>
<td>✗</td>
<td>✗</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>Content Filtering 4.0 features</td>
<td>✗</td>
<td>✗</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>
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1. Higher performance to meet the demands of modern-day threat prevention
   • The Benefit: Having more and faster processors allows the NSA 2600 and NSA 3600 to process network traffic faster delivering better overall performance needed for modern-day threat prevention.
   • The Difference: The NSA 2600 and NSA 3600 have 2x-3x the number of security processors as the NSA 2400 and NSA 3500 (4/6 vs. 2). In addition, NSA 2600 and NSA 3600 have higher speed 800 MHz processors compared with 400/500 MHz processors in the NSA 2400 and NSA 3500.

2. Store more rules/policies, user IDs and log messages locally
   • The Benefit: Increased onboard memory allows for more rules/policies, users and log messages to be stored on the firewall.
   • The Difference: Both the NSA 2600 and NSA 3600 have 4x the onboard memory as the NSA 2400 and NSA 3500 (2 GB vs. 512 MB).

3. Higher port density plus 10-GbE SFP+ interfaces on the NSA 3600
   • The Benefit: Having a greater number of ports allows organizations to connect more devices directly to the SonicWall firewall without needing to purchase a switch. The NSA 3600 also has two 10-GbE SFP+ ports for organizations that require increased throughput to support bandwidth-intensive applications and data transfer.
   • The Difference: The NSA 3600 has 3x the number of ports as the NSA 2400 and NSA 3500 (18 vs. 6). The NSA 3600 also has two 10-GbE SFP+ ports and a dedicated management port while the NSA 2400 and NSA 3500 have neither.

4. Faster Deep Packet Inspection (DPI) performance
   • The Benefit: With increased network bandwidth requirements from IT trends such as apps, video streaming and social media, a faster DPI performance firewall provides a secure network without performance degradation. Having a faster DPI performance firewall provides organizations with a greater capacity to utilize higher internet speeds and support more concurrent users.
   • The Difference: The NSA 2600 and NSA 3600 offer significantly faster DPI performance than the NSA 2400 (up to 3x+) and NSA 3500 (up to 2x+).

5. Higher performance DPI scanning of SSL-encrypted traffic
   • The Benefit: Scanning of SSL-encrypted traffic (DPI SSL) is CPU intensive and can slow down network performance. Faster DPI scanning of encrypted traffic enables organizations to have greater network performance and utilization.
   • The Difference: The NSA 2600 and NSA 3600 offer a 5x DPI SSL performance improvement over the NSA 2400 and NSA 3500.

6. More connections per second to support increased simultaneous user sessions
   • The Benefit: Having a higher number of connections per second provides greater scalability by enabling more simultaneous sessions to be active per second and tracked by the firewall.
   • The Difference: The NSA 2600 and NSA 3600 provide a 3x connection per second improvement when compared with the NSA 2400 and NSA 3500.

7. Improved performance and security through additional virtual LANs (VLANs)
   • The Benefit: The ability to create a greater number of VLANs enables organizations to segment users and devices into additional groups, improving performance and security while reducing hardware costs.
   • The Difference: The NSA 2600 and 3600 provides the ability to create over 5x the number of VLANs as the NSA 2400 (256 vs. 50).

8. Reduced IT support costs and improved security with more SSO users
   • The Benefit: The single sign-on (SSO) feature improves employee productivity and reduces IT support costs by enabling users to gain access to connected systems with a single ID and password. SSO also provides the ability to track users by ID, simplifying policy creation and reporting.
   • The Difference: The NSA 2600 and NSA 3600 enable a higher population of users (40,000 on NSA 3600 vs. 500 on NSA 2400) to benefit from the use of a single sign-on feature.

9. Reduced IT costs to support encrypted traffic inspection
   • The Benefit: The SonicWall 2016 Security Annual Threat Report found increased encrypted traffic, leading to more under-the-radar hacks. Deep packet inspection of encrypted traffic (SSL/TLS) is mandatory for organizations of all sizes.
   • The Difference: The NSA 2600 and NSA 3600 include the license to inspect encrypted traffic by default, thereby reducing the capital expense. The NSA 2400 and NSA 3500 require a separate DPI SSL license to scan encrypted traffic.
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10. Greater security, manageability, troubleshooting and ease-of-use through DPI SSL enhancements
   • The Benefit: Multiple enhancements in SonicOS 6.2.5 significantly advance capabilities associated with deep packet inspection of SSL-encrypted traffic, including providing more efficient inspection of DPI SSL traffic, as well as improved troubleshooting, better scalability and an increase in the number of default certificates supported.
   • The Difference: The NSA 2600 and NSA 3600 run SonicOS 6.2.5 firmware which includes support for key DPI SSL enhancements not available on NSA 2400 and NSA 3500 firewalls which run SonicOS 5.9 firmware.

11. Increased security against advanced threats through SonicWall Capture
   • The Benefit: Advanced threats are on the rise affecting all organizations. SonicWall Capture, a multi-engine cloud-based service, provides high security effectiveness against advanced persistent threats and zero-day attacks.
   • The Difference: SonicWall Capture is available for the NSA 2600 and NSA 3600. This service is not available for the NSA 2400 or NSA 3500.

12. Fine-grained web/URL filtering controls and ease of use with Content Filtering Service 4.0
   • The Benefit: Enhancements to SonicWall Content Filtering Service (CFS) in version 4.0 provide additional administrative controls to enforce more comprehensive protection and productivity policies and block inappropriate, unproductive and illegal web content from the network for better performance and ease of use.
   • The Difference: The NSA 2600 and NSA 3600 run SonicOS 6.2.6 firmware which includes support for wildcard matching, embedded URL filtering, granular block page controls and other features available in CFS 4.0. The NSA 2400 and NSA 3500 run SonicOS 5.9 firmware which does not offer these capabilities.