

# Cisco Catalyst 6500 Series Supervisor Engine 2T

## Product overview

The Cisco® Catalyst® 6500 Supervisor Engine 2T (Figure 1) is the newest addition to the family of supervisor engines. The Supervisor Engine 2T is designed to deliver higher performance, better scalability, and enhanced hardware-enabled features. Supervisor Engine 2T integrates a high-performance 2-Terabit crossbar switch fabric that enables 80 Gbps switching capacity per slot on all Cisco Catalyst 6500 E-Series Chassis. The forwarding engine on Supervisor Engine 2T is capable of delivering high-performance forwarding for Layer 2 and Layer 3 services. Supervisor Engine 2T delivers many new hardware-enabled innovations in the areas of security, quality of service (QoS), virtualization, and manageability. The rich feature set of Supervisor Engine 2T enhances applications such as traditional IP forwarding, Layer 2 and Layer 3 Multiprotocol Label Switching (MPLS) VPNs, and VPLS. The Cisco Catalyst 6500 with Supervisor Engine 2T and all the features and the technical advancements establish product leadership in borderless networks as well as data center deployments.

Figure 1. Supervisor Engine 2T



## Features and benefits

Supervisor Engine 2T delivers scalable performance, intelligence, and a broad set of features to address the needs of Borderless Networks, data centers, and service provider networks. Some of the primary features for Supervisor Engine 2T include:

- **Platform scalability:** Delivering up to 80 Gbps per slot of switching capacity on E-Series chassis; 2-Terabit aggregate bandwidth capacity using the 6513-E chassis, scaling to 4-Terabit capacity with VSS. Support for up to 1056 ports of 1Gbps and 352 ports of 10Gbps systems deployed with VSS. Providing 1Gbps/10Gbps and 40Gbps interface support to address future customer bandwidth growth requirements.
- **Security:** Support for Cisco TrustSec, CTS, providing MacSec encryption and Role-Based ACL. Providing control plane policing to address denial of service attacks.
- **Virtualization:** Native support for VPLS, as well as enhancements such as VPN-aware NAT, VPN statistics, and VPN netflow as important features needed for deployment of network virtualization.
- **Netflow application monitoring:** Supervisor Engine 2T supports enhanced application monitoring such as Flexible and Sampled Netflow for intelligent and scalable application monitoring.

# Primary Supervisor Engine 2T components

## Policy Feature Card 4

Supervisor Engine 2T features the integrated Policy Feature Card 4 (PFC4), which improves performance and scalability and provides new and enhanced hardware features. The PFC4 is equipped with a high-performance ASIC complex that enables hardware acceleration for existing and new software features. The PFC4 supports Layer 2 and Layer 3 forwarding, QoS, Netflow and Access Control List (ACLs) and multicast packet replication and processes security policies such as access control lists (ACLs) operations all simultaneously enabled with no performance impact. The PFC4 supports all of these operations for both IPv4 and IPv6.

PFC4 also provides enhanced performance and scalability and supports many new innovations such as native VPLS, flexible NetFlow, egress NetFlow, Cisco TrustSec, distributed policers, control plane policing, and comprehensive IPv6 features.

## Multilayer Switch Feature Card 5

Supervisor Engine 2T features the Multilayer Switch Feature Card 5 (MSFC5), providing high-performance, multilayer switching and routing intelligence. Equipped with a high-performance processor, the MSFC5 runs both Layer 2 protocols and Layer 3 protocols on the dual-core CPU complex. These include routing protocol support, Layer 2 protocols (for example, Spanning Tree Protocol and VLAN Trunking Protocol), and security services.

The MSFC5 builds the Cisco Express Forwarding information base (FIB) table in software and then downloads this table to the hardware application-specific-integrated circuits (ASICs) on the PFC4 and Distributed Forwarding Card 4 (DFC4), if present on a module, which make the forwarding decisions for IP unicast and multicast traffic.

## Features and benefits details

This section provides details of scalability and performance capabilities of Supervisor Engine 2T and functions supported.

Tables 1 through 4 show the scalability, virtualization and security features for Supervisor Engine 2T.

Table 1. Scalability

Name	VS-S2T-10G	VS-S2T-10G-XL
<b>IPv4 routing</b>	In hardware Up to 720 Mpps**	In hardware Up to 720 Mpps**
<b>IPv6 routing</b>	In hardware Up to 390 Mpps**	In hardware Up to 390 Mpps**
<b>L2 bridging</b>	In hardware Up to 720 Mpps**	In hardware Up to 720 Mpps**
<b>MPLS</b>	MPLS in hardware to enable use of Layer 3 VPNs and EoMPLS tunneling. Up to 8192 VRFs with a total of up to 256K* forwarding entries per system.	MPLS in hardware to enable use of Layer 3 VPNs and EoMPLS tunneling. Up to 8192 VRFs with a total of up to 1024K forwarding entries per system.
<b>VLAN</b>	4K	4K
<b>Bridge domains</b>	16k	16k
<b>VPLS</b>	In hardware (Up to 390 Mpps**)	In hardware (Up to 390 Mpps**)
<b>GRE</b>	In hardware (Up to 390 Mpps**)	In hardware (Up to 390 Mpps**)
<b>NAT</b>	Hardware assisted	Hardware assisted
<b>MAC entries</b>	128k	128k
<b>Routes</b>	256K (IPv4) 128K (IPv6)	1024K (IPv4) 512K (IPv6)
<b>Netflow entries</b>	512K	1024K
<b>Multicast routes</b>	128K (IPv4) 128K (IPv6)	128K (IPv4) 128K (IPv6)

\* 1K=1024

\*\* Requires fully populated 6513-E chassis with DFC4/DFC4XL

Table 2. QoS features and scalability

Feature	VS-S2T-10G	VS-S2T-10G-XL
<b>Layer-3 classification and marking access control entries (ACEs)</b>	64K shared for QOS/Security	256K shared for QOS/Security
<b>Aggregate traffic rate-limiting policers</b>	16348	16348
<b>Flow-based rate-limiting method; number of rates</b>	Per source address, destination address, or full flow; 64 rates	Per source address, destination address, or full flow; 64 rates
<b>Layer 2 rate limiters</b>	20 ingress/6 egress	20 ingress/6 egress
<b>MAC ACLs featuring per-port/per VLAN granularity</b>	Yes	Yes
<b>Distributed policers</b>	Yes	Yes
<b>Shared uFlow policers</b>	Yes	Yes
<b>Egress uFlow policers</b>	Yes	Yes
<b>Packet or byte policers</b>	Yes	Yes
<b>Per port per VLAN</b>	Yes	Yes

Table 3. Security features and scalability

Feature	VS-S2T-10G	VS-S2T-10G-XL
<b>Port security</b>	Yes	Yes
<b>IEEE 802.1x and 802.1x extensions</b>	Yes	Yes
<b>VLAN and router ACLs and port ACLs</b>	Yes	Yes
<b>1:1 mask ratio to ACE values</b>	Yes	Yes
<b>Security ACL entries</b>	64K shared for QOS/Security	256K shared for QOS/Security
<b>CPU rate limiters (DoS protection)</b>	57	57
<b>uRPF check (IPv4/IPv6)</b>	Up to 16	Up to 16
<b>Number of interfaces with unique ACL</b>	16k	16k
<b>RPF interfaces</b>	16	16
<b>Private VLANs</b>	Yes	Yes
<b>MAC ACLs on IP</b>	Yes	Yes
<b>Logical interfaces</b>	128k	128k
<b>EtherChannel hash</b>	8 bits	8 bits
<b>Cisco TrustSec support (including L2 encryption)</b>	Yes	Yes
<b>CPU HW rate limiters by PPS or BPS</b>	Yes	Yes
<b>CoPP for multicast</b>	L2 and L3 support	L2 and L3 support
<b>CoPP for exceptions (MTU, TTL)</b>	Yes	Yes
<b>CoPP exceptions Netflow support</b>	Yes	Yes
<b>ACL labels</b>	16K	16K
<b>Port ACL</b>	8K	8K
<b>ACL dry run</b>	Yes	Yes
<b>Hitless ACL changes</b>	Yes	Yes

Table 4. MPLS and Virtualization Features

Feature	VS-S2T-10G	VS-S2T-10G-XL
<b>VSS</b>	Yes	Yes
<b>Label imposition/disposition (MPLS-PE), swapping (MPLS-P)</b>	Yes	Yes
<b>Label Distribution Protocol (LDP)</b>	Yes	Yes
<b>MPLS VPN</b>	Yes	Yes

Feature	VS-S2T-10G	VS-S2T-10G-XL
VRF Lite	Yes	Yes
QoS mechanisms using experimental (EXP) bits	Yes	Yes
MPLS-RSVP-TE	Yes	Yes
MPLS differentiated services (diffserv)-aware traffic engineering (MPLS-DS-TE)	Yes	Yes
MPLS traceroute	Yes	Yes
EoMPLS	Yes	Yes
EoMPLS tunnels	16k	16k
Native VPLS in HW	Yes	Yes
Native L2 over multipoint GRE	Yes	Yes
VRF-aware operational contexts	Yes	Yes
VPN Netflow support	Yes	Yes
VPN aware NAT	Yes	Yes
VRF-lite scalability	VLAN reuse per sub-interface	VLAN reuse per sub-interface
Per VPN interface statistics	Yes	Yes

## Platform support and compatibility

Table 5 lists product specifications.

Table 5. Product specifications

Product	Specifications
<b>Chassis compatibility</b>	<ul style="list-style-type: none"> <li>E-Series only: Cisco Catalyst 6503-E, 6504-E, 6506-E, 6509-E, 6509-V-E, 6513E</li> <li>C6807-XL</li> </ul>
<b>Switch fabric</b>	<ul style="list-style-type: none"> <li>2.08 Tbps Crossbar Switch Fabric with 26 Fabric Channels</li> </ul>
<b>Line-card compatibility</b>	<ul style="list-style-type: none"> <li>C6800-P10G, C6800-8P10G-XL</li> <li>C6800-16P10G, C6800-16P10G-XL</li> <li>C6800-32P10G, C6800-32P10G-XL</li> <li>C6800-8P40G, C6800-8P40G-XL (only with the C6807-XL chassis, not with the 6500-E chassis)</li> <li>WS-X6908-10G-2T, WS-X6908-10G-2TXL</li> <li>WS-X6824-SFP-2T, WS-X6824-SFP-2TXL</li> <li>WS-X6848-SFP-2T, WS-X6848-SFP-2TXL</li> <li>WS-X6848-TX-2T, WS-X6848-TX-2TXL</li> <li>WS-X6816-10T-2T, WS-X6816-10T-2TXL</li> <li>WS-X6816-10G-2T, WS-X6816-10G-2TXL</li> <li>WS-X6904-40G-2T, WS-X6904-40G-2TXL</li> <li>WS-X6704-10GE with CFC</li> <li>WS-X6724-SFP with CFC</li> <li>WS-X6748-SFP with CFC</li> <li>WS-X6748-GE-TX with CFC</li> <li>WS-X6148A-RJ-45, WS-X6148A-45AF, WS-X6148-FE-SFP, WS-X6148A-GE-TX, WS-X6148A-GE-45AF, WS-X6148E-GE-45AT</li> </ul> <p>With a DFC4 or DFC4XL upgrade (WS-F6k-DFC4-A, WS-F6k-DFC4-AXL)</p> <ul style="list-style-type: none"> <li>WS-X6704-10GE</li> <li>WS-X6724-SFP</li> <li>WS-X6748-SFP</li> <li>WS-X6748-GE-TX</li> </ul> <p>With a DFC4 or DFC4XL upgrade (WS-F6k-DFC4-E, WS-F6k-DFC4-EXL)</p> <ul style="list-style-type: none"> <li>WS-X6716-10G-3C, WS-X6716-10G-3CXL</li> <li>WS-X6716-10T-3C, WS-X6716-10T-3CXL</li> </ul>

Product	Specifications
<b>Fan tray and power supply supported</b>	<ul style="list-style-type: none"> <li>• 1400W for 6503-E</li> <li>• 2700W for 6504-E</li> <li>• 3000W AC or DC all other chassis</li> <li>• 4000W AC or DC all other chassis</li> <li>• 6000W AC or DC all other chassis</li> <li>• 8700W AC all other chassis</li> </ul>
<b>Slot requirements</b>	<p>Occupies the Supervisor slots as follows:</p> <ul style="list-style-type: none"> <li>• 3-slot E-chassis: slots 1 and 2</li> <li>• 4-slot E-chassis: slots 1 and 2</li> <li>• 6-slot E-chassis: slots 5 and 6</li> <li>• 9-slot V-E chassis: slots 5 and 6</li> <li>• 9-slot E-chassis: slots 5 and 6</li> <li>• 13-slot E-chassis: slots 7 and 8</li> <li>• C6807-XL; slots 3 and 4</li> </ul>
<b>Software compatibility</b>	<ul style="list-style-type: none"> <li>• 12.2(50)SY and future releases</li> </ul>
<b>Optics and SFP options</b>	<ul style="list-style-type: none"> <li>• X2-10GB-LR</li> <li>• X2-10GB-SR</li> <li>• X2-10GB-CX4</li> <li>• X2-10GB-ER</li> <li>• X2-10GB-LX4</li> <li>• X2-10GB-LRM</li> <li>• X2-10GB-ZR</li> <li>• X2-10GB-DWDM</li> <li>• CVR-X2-SFP10G - OneX Adapter</li> <li>• SFP-H10GB-CU1M1 - 1 Meter Passive Cable</li> <li>• SFP-H10GB-CU3M1 - 3 Meter Passive Cable</li> <li>• SFP-H10GB-CU5M1 - 5 Meter Passive Cable</li> <li>• SFP-10G-SR</li> </ul>
<b>Service Modules</b>	<ul style="list-style-type: none"> <li>• ACE 20, ACE 30, NAM-1, NAM-2, NAM-3, FWSM, ASA-SM, WiSM-1, WiSM-2</li> </ul>
<b>SW packages</b>	<ul style="list-style-type: none"> <li>• IP BASE</li> <li>• IP Services</li> <li>• Advanced IP Services</li> <li>• Advanced Enterprise Services</li> </ul>
<b>Connectivity management processor (CMP)</b>	<ul style="list-style-type: none"> <li>• Integrated Connectivity Management Processor for improved Out-of-Band Management</li> </ul>
<b>DRAM</b>	<ul style="list-style-type: none"> <li>• 2GB for Lite and XL (4GB upgrade with 2GB memory upgrade (2+2))</li> </ul>
<b>NVRAM</b>	<ul style="list-style-type: none"> <li>• 4 MB</li> </ul>
<b>Compact Flash</b>	<ul style="list-style-type: none"> <li>• 1GB</li> </ul>
<b>USB</b>	<ul style="list-style-type: none"> <li>• USB base console and file system - Support for Host and Device</li> </ul>
<b>Management LED</b>	<ul style="list-style-type: none"> <li>• Blue Beacon LED</li> </ul>
<b>Uplink ports</b>	<ul style="list-style-type: none"> <li>• 3 x GE SFP Ports</li> <li>• 2 x 10G X2 Ports</li> <li>• 1 x 10/100/1000 Management Port</li> </ul>
<b>Console ports</b>	<ul style="list-style-type: none"> <li>• One console port (RJ-45)</li> </ul>
<b>Reliability and availability</b>	<ul style="list-style-type: none"> <li>• FSU (Fast software upgrade)</li> <li>• SSO+NSF (Stateful Switchover + Nonstop Forwarding)</li> <li>• OIR (Online insertion and removal) Hot Swap of power supplies, modules, fan trays and Supervisors</li> </ul>
<b>MIBs</b>	<ul style="list-style-type: none"> <li>• MPLS LDP MIB, MPLS Label Switch Router (LSR) MIB, MPLS-TE MIB, MPLS VPN MIB; see software release notes for additional information</li> </ul>
<b>Network management</b>	<ul style="list-style-type: none"> <li>• Cisco Works</li> </ul>
<b>Physical specifications</b>	<ul style="list-style-type: none"> <li>• (H x W x D): 1.73 x 14.4 x 16 in (4.4 x 36.6 x 40.6 cm)</li> <li>• Weight: 12.0 lbs</li> </ul>

Product	Specifications
<b>Power consumption</b>	<ul style="list-style-type: none"> <li>• Lite: 435W MAX</li> <li>• XL: 450W MAX</li> </ul>
<b>ECC</b>	<ul style="list-style-type: none"> <li>• ECC Protection Support</li> </ul>
<b>Environmental conditions</b>	<ul style="list-style-type: none"> <li>• Operating temperature: 32 to 104°F (0 to 40°C)</li> <li>• Storage temperature: -40 to 167°F (-40 to 75°C)</li> <li>• Relative humidity: 10 to 90 percent, noncondensing</li> </ul>

\*\* Check software release for availability.

## Product specifications

Table 6 lists specifications and compliance information.

Table 6. Product specifications and compliance

Product	Specifications
<b>Regulatory Compliance</b>	
<b>Safety</b>	<ul style="list-style-type: none"> <li>• UL 60950-1</li> <li>• CAN/CSA-C22.2 No. 60950-1</li> <li>• EN 60950-1</li> <li>• IEC 60950-1</li> <li>• AS/NZS 60950-1</li> <li>• GB4943</li> </ul>
<b>EMC: emissions</b>	<ul style="list-style-type: none"> <li>• 47CFR Part 15 (CFR 47) Class A</li> <li>• AS/NZS CISPR22 Class A</li> <li>• CISPR2 2 Class A</li> <li>• EN55022 Class A</li> <li>• ICES003 Class A</li> <li>• VCCI Class A</li> <li>• EN61000-3-2</li> <li>• EN61000-3-3</li> <li>• KN22 Class A</li> <li>• CNS13438 Class A</li> </ul>
<b>EMC: immunity</b>	<ul style="list-style-type: none"> <li>• EN50082-1</li> <li>• EN61000-6-1</li> <li>• EN55024</li> <li>• CISPR24</li> <li>• EN300386</li> <li>• KN 61000-4 Series</li> </ul>
<b>NEBS criteria levels</b>	<ul style="list-style-type: none"> <li>• SR-3580 NEBS level 3 GR-63-CORE, issue 3; GR-1089 CORE, issue 4</li> </ul>
<b>Verizon NEBS compliance</b>	<ul style="list-style-type: none"> <li>• Telecommunications Carrier Group (TCG) Checklist</li> </ul>
<b>Qwest NEBS requirements</b>	<ul style="list-style-type: none"> <li>• Telecommunications Carrier Group (TCG) Checklist</li> </ul>
<b>ATT NEBS requirements</b>	<ul style="list-style-type: none"> <li>• ATT TP76200 level 3 and TCG Checklist</li> </ul>
<b>ETSI</b>	<ul style="list-style-type: none"> <li>• ETS 300 019-2-1, Class 1.2 Storage</li> <li>• ETS 300 019-2-2, Class 2.3 Transportation</li> <li>• ETS 300 019-2-3, Class 3.2 Stationary Use</li> </ul>

## Ordering information

To place an order, visit the [Cisco Ordering Home Page](#). Tables 7 and 8 give ordering and part number information.

Table 7. Supervisor engine and memory part number

Part Number	Description
VS-S2T-10G	Cisco Catalyst 6500 Series Supervisor Engine 2T
VS-S2T-10G-XL	Cisco Catalyst 6500 Series Supervisor Engine 2T XL
VS-S2T-10G=	Cisco Catalyst 6500 Series Supervisor Engine 2T Spare
VS-S2T-10G-XL=	Cisco Catalyst 6500 Series Supervisor Engine 2T XL Spare
VS-F6K-PFC4XL=	Cisco Catalyst 6500 Series Supervisor PFC 4 XL Spare
MEM-SUP2T-2GB	Cisco Catalyst 6500 2GB Memory for Supervisor Engine 2T
MEM-SUP2T-2GB=	Cisco Catalyst 6500 2GB Memory for Supervisor Engine 2T Spare
MEM-C6K-CPTFL1GB	Cisco Catalyst 6500 Compact Flash Memory 1GB
MEM-C6k-CPTFL1GB=	Cisco Catalyst 6500 Compact Flash Memory 1GB Spare
MEM-C6K-CPTFL2GB	Cisco Catalyst 6500 Compact Flash Memory 2GB
MEM-C6k-CPTFL2GB=	Cisco Catalyst 6500 Compact Flash Memory 2GB Spare

Table 8. Software part numbers

Software Part Number	Description
S2TAEK9-12250SY	Cisco CAT6000-VS-S2T IOS ADV ENT SERV FULL ENCRYPT
S2TAEK9N-12250SY	Cisco CAT6000-VS-S2T IOS ADVANCED ENTERPRISE SERVICES NPE
S2TAIK9-12250SY	Cisco CAT6000-VS-S2T IOS ADVANCED IP SERVICES FULL ENCRYPT
S2TAIK9N-12250S	Cisco CAT6000-VS-S2T IOS ADVANCED IP SERVICES LAN ONLY NPE
S2TIBK9-12250SY	Cisco CAT6000-VS-S2T IOS IP BASE LAN ONLY FULL ENCRYPT
S2TIBK9N-12250SY	Cisco CAT6000-VS-S2T IOS IP BASE LAN ONLY NPE
S2TISK9-12250SY	Cisco CAT6000-VS-S2T IOS IP SERV LAN ONLY FULL ENCRYPT
S2TISK9N-12250SY	Cisco CAT6000-VS-S2T IOS IP SERV LAN ONLY NPE
S2TIB-12250SY	Cisco CAT6000-VS-S2T IOS IP BASE
S2TIS-12250SY	Cisco CAT6000-VS-S2T IOS IP SERV

## Cisco and partner services

Enable the innovative, secure, intelligent edge in the Borderless Network Architecture using personalized services from Cisco and our partners. Through a discovery process that begins with understanding your business objectives, we help you integrate the new Cisco Catalyst 6500-C4 System into your architecture and incorporate network services onto that platform. Sharing knowledge and leading practices, we support your success every step of the way as you deploy, absorb, manage, and scale new technology. Choose from a flexible suite of support services designed to meet your business needs and help you maintain high-quality network performance while controlling operational costs. For additional information about Cisco services, visit <http://www.cisco.com/go/services>.

## Warranty coverage and technical service options

The Cisco Catalyst 6500 C4 System comes with a Cisco 90-day hardware warranty. Adding a contract for a technical service offering such as Cisco SMARTnet® Service to your device coverage provides access to the Cisco Technical Assistance Center (TAC) and can provide a variety of hardware replacement options to meet critical business needs, updates for licensed OS software, and registered access to the extensive Cisco.com knowledge base and support tools.

For more information about Cisco warranties, go to <http://www.cisco.com/go/warranty>.

For information about Cisco Technical Services, go to <http://www.cisco.com/go/ts>.

Table 9 shows the Cisco technical services available for the Cisco Catalyst 6500 C4 System.

Table 9. Cisco technical services for Cisco Catalyst 6500 C4 System

Technical Services
<p>Cisco SMARTnet Service</p> <ul style="list-style-type: none"> <li>• Around-the-clock, global access to the Cisco Technical Assistance Center (TAC)</li> <li>• Unrestricted access to the extensive Cisco.com resources, communities, and tools</li> <li>• Next-business-day, 8x5x4, 24x7x4, and 24x7x2 advance hardware replacement<sup>2</sup> and onsite parts replacement and installation available</li> <li>• Ongoing operating system software updates within the licensed feature set<sup>1</sup></li> <li>• Proactive diagnostics and real-time alerts on Smart Call Home enabled devices</li> </ul> <p>Cisco Focused Technical Support Services</p> <p>Three levels of premium, high-touch services are available:</p> <ul style="list-style-type: none"> <li>• Cisco High-Touch Operations Management Service</li> <li>• Cisco High-Touch Technical Support Service</li> <li>• Cisco High-Touch Engineering Service</li> </ul> <p>Valid Cisco SMARTnet or SP Base contracts on all network equipment are required.</p>

#### Footnotes:

<sup>1</sup> Cisco operating system updates include the following: maintenance releases, minor updates, and major updates within the licensed feature set.

<sup>2</sup> Advance hardware replacement is available in various service-level combinations. For example, 8x5xNBD indicates that shipment will be initiated during the standard 8-hour business day, 5 days a week (the generally accepted business days within the relevant region), with next business day (NBD) delivery. Where NBD is not available, same day ship is provided. Restrictions apply; please review the appropriate service descriptions for details.

## Cisco Capital

### Financing to help you achieve your objectives

Cisco Capital can help you acquire the technology you need to achieve your objectives and stay competitive. We can help you reduce CapEx. Accelerate your growth. Optimize your investment dollars and ROI. Cisco Capital financing gives you flexibility in acquiring hardware, software, services, and complementary third-party equipment. And there's just one predictable payment. Cisco Capital is available in more than 100 countries. [Learn more.](#)

## For more information

For more information about Cisco Catalyst 6500 Series switch, visit <http://www.cisco.com/en/US/products/hw/switches/ps708/index.html>.

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