CPE F6584 - Maintenance

- Hotspot: Added support for default per-session rate limits.
- Hotspot: Improved monitoring of Hotspot service.
- OpenVPN: Added support for DHCP Search domain.
- OpenVPN: Added support for multiple NTP servers.
- OpenVPN: Improved monitoring of OpenVPN service.
- OpenVPN: Removed comp-lzo directive for compatibility with newer OpenVPN clients. Please download a new client configuration if you have problems connecting.

CPE F6583 - Maintenance

- ATG: Fixed issue with ATG device detection introduced in F6582. All sites with SmartATG enabled should migrate to F6583.

CPE F6582 - Maintenance

- ATG: Improved support for TLS-350 devices.
- VPN Cloud: Fixed issue with SNATs not working on Mako 4000 series hardware when used as security gateways.
- VPN Cloud: Improved compatibility with CMS Diagnostics API when VPN Cloud is not running.
- VPN Cloud: Temporary tunnels that are down no longer impact site health metrics.
- Wi-Fi: Fixed issue with incorrect connection time stats on Mako 4000 series hardware.

CPE F6581 - Features and Improvements

- **Wi-Fi OUI Filtering**
  We've added for OUI-based client filtering to Wi-Fi, so you can restrict devices that are able to connect to the Wi-Fi network based on their OUI rather than full MAC address.
- **Wi-Fi Diagnostics Improvements**
  We've added additional information to Wi-Fi connected client diagnostics, making it easier to identify the performance characteristics of each connection.
- **Per-LAN High Availability**
  We've added optional support for each LAN's VIP to be active on a different Mako from the primary Mako device.

CPE F6581 - Maintenance

- Cellular: Improved handling of cellular modem firmware updates on Mako 5600 series.
- VPN Cloud: Added support for Zero-Route VPN Clouds to co-exist with other VPN Clouds.

CPE F6580 - Features and Improvements

- **Link Bonding Improvements**
  We've added support for 802.3ad link aggregation on Mako 4600, 5600, 7600, 8600 series hardware, in addition to the existing Mako 6600 series hardware support.
- **ECMP Routing Improvements**
  We've added support for ECMP routes learned via BGP.

CPE F6580 - Maintenance

- Cellular: PTCRB compliance updates for Mako 5600 series hardware.

- Hardware: Added support for Mako 7610 series hardware.

- Hardware: Fixed issue with PSU and Fan issue reporting for Mako 8600 series hardware.

- Hardware: Improved high temperature detection.

- Hotspot: Fixed issue with Hotspot running on large VLAN IDs.

- Hotspot: Hotspot is now only active on the acting primary in a high availability (HA) failover pair.

- Mako Guardian: Applied general improvements across the board.

- VPN Cloud: Fixed issue with disappearing routes when a VLAN or WLAN or similar is removed.

- Watchdog: Updated system watchdog.

- Wi-Fi: Added ability to flag a connection as metered.

- Wi-Fi: Added more Wi-Fi status data when reporting system state to the Mako CMS.

- Wi-Fi: Fixed issue with RADIUS authentication not working when the RADIUS server is accessible using a VPN Cloud.

- Wi-Fi: Fixed issue with Wi-Fi still showing up on the Mako CMS after the radio has been disabled.

- Wi-Fi: Improved output of WLAN status diagnostics on Mako 4000 and 5000 series hardware.

- Wi-Fi: Updated firmware drivers for Mako 4600 series hardware.