## CPE F6561 - Features and Improvements

- **Dynamic VLAN Support for Wi-Fi**
  We've added support for dynamic VLAN assignment for Wi-Fi clients using RADIUS/Enterprise authentication.

## CPE F6561 - Maintenance

- Hotspot: Added support to swap the bytes in/out reported to RADIUS.

- IPsec: Fixed issue introduced in F6513 with some IPsec tunnels not routing under certain setups.

- IPsec: Updated IPsec engine to latest version.

## CPE F6560 - Features and Improvements

- **ATG Monitoring Support**
  We've added support for monitoring ATG devices, including reporting of fuel tank levels and monitoring of alarms.

- **Link Aggregation Support**
  We've added support for Link Aggregation using LAG and LACP. We recommend using this in conjunction with Mako Managed Switches.

## CPE F6560 - Maintenance

- Cellular: Add support for more cellular modem models on Mako 6600 series.

- Cellular: Fixed issue with cellular interface restarting too aggressively on dual SIM Mako devices.

- Failover: Fixed issue with Mako High Availability Failover primary Mako selection flapping under certain conditions.

- Health Monitors: Alert messages are now persisted when the Internet is unavailable and will be resent once Internet connectivity is restored.

- Internet: Fixed issue with DHCP WAN lease not renewing under specific conditions.

- MakoScope: Added IDS status.

- Network: Fixed issue with incorrect TCP MSS handling introduced in F6455.

- Network: Fixed issue with old network bridge members not being removed.

- OpenVPN: Increased the max concurrent OpenVPN clients. Mako 6600 is now 30, Mako 7582 is now 50, and Mako 7600 and Mako 8600 are now 100 concurrent clients.

- SFP: Fixed issue with incorrect link status on LANs bridged with SFP ports.

- System: Improved handling of system reported times after large NTP changes.

- VLAN: Fixed issue with VLANs disappearing on 6500-M under specific conditions.

- Wi-Fi: Improved handling of BSS color for Mako 6600 series.

- Wi-Fi: Improved handling of BSS load information for Mako 5000 and 6000 series.

## CPE F6560 - Known Issues

- Mako 4550: In order to upgrade to F6540 or newer, the Mako device must first be running F6513 or newer. Please contact Mako Support if you need to upgrade a Mako 4550 running firmware older than F6513.

- Mako 4000 and 5000 series on firmware earlier than F6540: The MAC address used by the Mako device when requesting a DHCP lease may have changed away from the MAC address used in earlier firmware versions. Please update any applicable static DHCP leases as required to use the new MAC address.

Have a suggestion to improve your experience with the Mako System?
We'd love to hear from you! support@makonetworks.com

Mako
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Changelog
CPE F6561

Please consider the environment before printing this document.