

## CMS R8100 - New Features and Improvements

- **BGP**  
We've added the ability to configure dynamic routing using BGP on the Mako 6600, 7582, 7600, 8600 and Cloud models.
- **Country Firewall Rules**  
We've added the ability to block all traffic to/from specific countries. You can configure access in either deny-all-countries-by-default or allow-all-countries-by-default modes. Requires Mako devices to be running F6311 or newer firmware.

## CMS R8100 - Maintenance

- Alerts: Added WAN name to the Extended WAN Down audit event.
- API: Updated Move VPN Cloud function to support more options.
- DHCP: Added support for DHCP options 43, 60, 67.
- Deployment: Fixed issue reconfiguring a Mako 4000-series between AP and Security Gateway modes.
- Deployment: Improved performance of the Copy Mako Devices form.
- Diagnostics: Added ARP Table Flush diagnostic.
- Diagnostics: Added DNS Lookup diagnostic.
- Diagnostics: Added Routing Next Hop Lookup diagnostic.
- Diagnostics: Fixed sort issue on IPsec Status diagnostic.
- Failover: Added support for failover configurations involving mismatched numbers of LANs/WLANs/VLAN.
- Firewall: Added the ability to copy IP and Service groups.
- Firewall: Fixed issue with restricted users unable to edit firewall rules.
- General: Changed display of speed in various locations from kbps to Mbps.
- Guardian: Fixed issue with toggling the Spyware option.
- History: Fixed issue with history dropdown not always opening.
- History: Fixed sort order of the Previous/Next Makos to use the Site name as well as Mako device name.
- IDS: Fixed access issue for certain read only user types wanting to view IDS Profiles.
- Login: Added timeout warning when 1 minute left until session expires.
- Metadata: Added support for metadata keys with blank values.
- Netflow: Fixed issue with incorrect Netflow version advertised.
- OpenVPN: Added option to SNAT users traffic to appear as if coming from the Mako's own LAN IP address.
- OpenVPN: Fixed issue with Secondary Mako Device not aware of OpenVPN settings.
- Search: Added Site ID to Site search results table.
- Search: Minimum search length changed to 3 characters.
- Selection: Fixed My Customers Makos/Sites dropdown for certain user types.