

# EndaceCMS Central Management Server

The EndaceCMS™ Central Management Server is a powerful centralized control center for a connected fabric of EndaceProbe™, EndaceFlow™, EndaceAccess™ and vProbe™ appliances. It reduces management overhead and lowers operational costs.

The EndaceCMS virtual server is available for VMware and KVM environments and as compact, security hardened 1RU rack-mounted appliance.

Designed to manage estates of ten to hundreds of Endace appliances, the EndaceCMS maximizes the investment in monitoring infrastructure by streamlining configuration and management of client Endace appliances. Applying software updates and patches over a large number of appliances, particularly inside short change control windows, can be a formidable task. The EndaceCMS automates this process, ensuring all Endace appliances receive updates in a timely manner, without compromising monitoring visibility.

At-a-glance estate health and status, along with customizable alarms and thresholds allows for proactive management of an estate of Endace appliances. Rapid identification of malfunctioning or overloaded appliances enables rapid response and remediation, ensuring that when a critical event occurs there is no gap in coverage across the monitoring fabric.

Available as a virtual or physical appliance, EndaceCMS provides a full-featured, browser-based GUI, command line interface (CLI) tools and an open API for managing a fabric of connected Endace appliances - changing configurations, applying system updates, customizing capture settings and event reporting and managing captured network data.

## Estate-wide Health and Status

The status of all connected appliances is constantly monitored by EndaceCMS and can be viewed from the EndaceCMS GUI, which shows a real-time view of system health and performance for all appliances and provides customizable reporting and alerting.

All managed clients provide a snapshot of overall system load, system health and link status. Any change from expected conditions triggers a visible indication in the EndaceCMS GUI and, optionally, either syslog, email or snmp alerts.

APPLIANCE	TYPE	ENABLED	CONNECTED	CONNECTION DUR.	STATUS	VERSION	GROUPS
apqga-vh-02-vmc01	vProbe	yes	●	00:08:11m 17s	● ok	ok	Auckland_NZ
apqga-vh-02-vmc05	vProbe	yes	●	00:08:11m 17s	● ok	ok	Auckland_NZ
apqga-vh-02-vmc09	vProbe	yes	●	00:08:11m 17s	● ok	ok	Auckland_NZ
apqga-vh-02-vmc03	vProbe	yes	●	00:08:11m 17s	● ok	ok	Auckland_NZ
apqga-vh-02-vmc11	vProbe	yes	●	00:08:11m 17s	● ok	ok	Auckland_NZ
apqga-vh-02-vmc13	vProbe	yes	●	00:08:11m 17s	● ok	ok	Auckland_NZ
apqga-vh-02-vmc19	vProbe	yes	●	00:08:11m 17s	● ok	ok	Auckland_NZ

## ENDACECMS AT A GLANCE

- Browser-based GUI application, and command line interface (CLI) tools provide centralized monitoring, configuration, updating and management of EndaceProbes, EndaceFlow Netflow Generator Appliances and EndaceAccess Network Visibility Head-Ends
- Virtual appliance or compact, security hardened, 1RU rack-mounted appliance
- Full SNMP v3 support

## BENEFITS

### Accurate

- Real-time monitoring and health reporting on all connected appliances, with fully customizable event reporting and management

### Powerful

- Efficient, centralized management of EndaceProbe, EndaceFlow, and EndaceAccess appliances lowers operational costs and improves efficiency
- System updates and patches can be applied across multiple connected appliances in real-time or scheduled
- Configurations can be pulled from or pushed to appliances quickly and applied to multiple appliances at once using profiles and groups

### Secure and Reliable

- Redundant power supplies
- SSD-based system drive
- Engineered for high-reliability and extended mean time between failure (MTBF) rates

## Easy configuration and version management

EndaceCMS makes it simple to apply system updates, patches and configuration changes to connected appliances.

Appliances can be grouped to make it easy to apply configuration changes and updates to multiple appliances simultaneously. Profiles provide customizable templated scripts to ensure efficient, consistent configuration. Configuration profile scripts are generated automatically as configuration options are set through the management GUI interface and can then be further customized as required to add additional configuration options.

Configurations can be pulled from, or pushed to, individual appliances quickly making it easy to copy configurations between appliances. System update and patch files are managed centrally from EndaceCMS and can be applied to connected appliances in real-time or scheduled for later deployment.

When running multiple Endace appliances, EndaceCMS provides a powerful, efficient and easy way to manage your monitoring and recording fabric.

## EndaceCMS Software Specifications

	Endace CMS Physical Appliance	Endace CMS for Application Dock	Endace CMS for KVM	Endace CMS for VMWare
<b>Operating System</b>	Endace OSm	Endace OSm	Endace OSm	Endace OSm
<b>Includes Application Dock</b>	✓	No	No	No
<b>Includes Endace Vision</b>	✓	✓	✓	✓
<b>Includes Endace Packets</b>	✓	✓	✓	✓
<b>Minimum System Requirements</b>	Endace CMS Appliance	Single Dock	12GB RAM 50GB System Disk 4 vCPU's	12GB RAM 50GB System Disk 4 vCPU's

## EndaceCMS Appliance – Technical Specifications

Memory	128GB RAM
System drive	480GB solid state disk drive
Hot-swappable packet storage	4x 4TB RAID
Management interface	4x 1GbE, 2x 10GbE, 1x IPMI
Power supply	Dual redundant 750W AC or DC
Size	1U 19-inch rack mount
Dimensions	Height: 43.2mm (1.7") Width: 437mm (17.2") Length: 698mm (27.48")
Weight	16kg (35 lbs.)
Maximum power consumption	600W
Operating temperature	10-35°C (50-95°F)
Operating humidity	8-90% non-condensing
Maximum heat load	2046 BTU/hr



This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the Federal Communications Commission [FCC] Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction document, may cause harmful interference to radio communications.

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