

aCelera Product Suite: Configuration and Management System (CMS)

Overview

The aCelera Configuration and Management System (CMS) software enables global policy configuration and deployment for Certeon's aCelera Product Suite including Enterprise, aCelera Sync, aCelera Windows Client and aCelera Cloud Acceleration Virtual Appliances. CMS provides IT administrators with an easy-to-use solution for centralized provisioning and appliance management.

Ideal for all deployments and required for aCelera Client deployments, CMS provides the tools to configure, provision and manage all aCelera virtual appliances. It has the power to create configurations for groups of appliances at a time while also allowing each appliance to maintain its own appliance specific configurations.

Differential Templates

CMS uses templates so that settings that are common among multiple appliances can be easily managed from one configuration. However, one key advantage of CMS is that it allows a specific appliance configuration to override the settings from the template, yet still share the common attributes. Therefore even if the template is updated, the override settings always take precedence over the common settings. This allows more appliances to share the same template, and with fewer templates there are less configurations that need to be updated. This in turn equates to fewer errors and improved efficiency of appliance management for the IT administrator.

Simplified Change Management

Designed with the philosophy of "Single Change, Single Time", CMS allows any change to be made once and be propagated throughout the system for simplicity and less errors. Within the configuration of an appliance or a template, the user can specify certain configuration parameters using a 'catalog object name'. Catalog Objects allow for an abstraction of particular configuration settings (e.g., IP addresses) and the ability to refer to them by a name.

Role-based Administration

CMS allows multiple administrators to be created each with their own appropriate levels of administrative rights. Configuring the permission levels for each administrator allows CMS to support the tasks and roles to match the enterprise's ideal team structure. Within the CMS system an audit trail logs each user's activity allowing for trouble resolution to identify who made the change. Administrators are also assigned to domains so that they only have visibility into the appliances they have been assigned.

Centralized Updates

CMS provides inventory information for all appliances that have been deployed, for all appliances that have been configured but yet to be deployed and for discovered appliances. Each appliance displays its name, model number, software version, serial number, last known IP address, last connect time and an informational description. All configuration updates and firmware upgrades are performed centrally from CMS. A mass configuration update or firmware upgrade can be deployed on demand or scheduled for sometime in the future.

Centralized control and zero-touch provisioning for:

- aCelera Enterprise
- aCelera Sync
- aCelera Windows Client
- aCelera Cloud

Features include:

- Differential Templates
- Catalog Objects
- Multiuser Role-Based Administration
- Scheduled Configuration
- On-Demand Configuration
- Scheduled Software Updates
- On-Demand Software Updates

Benefits include:

- Reduced Complexity
- Reduced Costs
- Increased Scalability

Compatibility

- Microsoft Windows XP SP3
- Microsoft Windows 7
- Windows Server 2003
- Windows Server 2008

System Requirements

- 1.5 GHz CPU (minimum)
- 2.0 GHz CPU or faster (recommended)
- 2 GB RAM (minimum)
- 4 GB RAM (recommended)
- 2GB HD space (minimum)
- Internet Explorer 7 or later
- Mozilla Firefox 3.5 or later
- 1024 x 768 pixel display
- CD-ROM drive