A10 Networks aGalaxy® Centralized Management system may be integrated with the A10 Networks Thunder ADC® line of Application Delivery Controllers solution to centralize management, monitoring, alerting and reporting across their distribution in globally dispersed data centers.

**OPTIMIZE OPERATIONS WITH GLOBAL MONITORING AND MANAGEMENT**

Large enterprises and service providers face a similar problem: they need to efficiently manage networking and security policies across large, geographically distributed data centers. These organizations require a global view of their application environment to rapidly identify and remediate issues and ensure that policies are consistently enforced. And, most importantly, they need a unified platform that can scale with their network.

The A10 Networks aGalaxy Centralized Management System delivers everything that organizations need to gain network visibility and control. aGalaxy scales to manage hundreds of A10 Networks Thunder ADC line of Application Delivery Controllers streamlining operations and lowering IT costs. With aGalaxy, administrators can monitor and comprehensively analyze their A10 Thunder ADCs, and granularly view a broad set of metrics, such as the number of current connections handled by each individual appliance.
BENEFITS

**UNIFY**
**POLICY MANAGEMENT**

aGalaxy provides a unified platform for controlling device and application settings. It consolidates all management tasks in one location, making it easy for administrators to apply consistent policies across all devices. From the aGalaxy web user interface, administrators can view the status of virtual servers. With a few simple clicks, they can edit configuration settings.

**MAXIMIZE**
**IT AGILITY**

As network operators embrace web scale and DevOps practices such as agile development, they need to quickly provision changes, identify issues and roll back configuration when necessary. aGalaxy centralized management system makes it easy to assess the application environment and push out policies to dozens or even hundreds of Thunder ADC appliances at once.

**PROACTIVE**
**PERFORMANCE MONITORING**

aGalaxy provides a global view of your network from the perspective of your application delivery. You can identify, diagnose and resolve performance problems before they impact user experience.

**REDUCE**
**OPERATING EXPENSES**

aGalaxy scales to provide automated configuration of hundreds of Thunder ADC appliances from one location. Such task management consolidation lowers operating costs by leveraging the IT resources expended on configuring one appliance to all other appliances with the same policy settings.

**HIGHLY SCALABLE MANAGEMENT SOLUTION**

- Supports all A10 Thunder ADC hardware and software appliances
- Streamlined operation to reduce operating costs
- Scales to manage hundreds of appliances
ARCHITECTURE AND KEY COMPONENTS

Figure 1. Global visibility and control from a single pane of glass

Figure 2. Search for and view Thunder ADC virtual servers from the aGalaxy centralized management system console
Figure 3. Understand which Thunder ADC appliances share a specific aFleX script, template or other setting and recognize the relationships between appliances with the interactive Services Map.

Figure 4. View all devices under management and back up configuration settings from aGalaxy centralized management system.
FEATURES

REAL-TIME DASHBOARDS
Easy-to-follow dashboards help administrators monitor system health, respond to alerts and view active incidents against services. Detailed logs and counters reveal system status. View details on network availability, usage and performance levels.

INTERACTIVE SERVICE MAP
Shows the relationship between load-balancing elements in your network. Specify a service group, a port, a template, an A10 Networks aFleX® script or any other setting to view all of the virtual IPs or Thunder ADC appliances that share that particular configuration.

INTUITIVE MANAGEMENT INTERFACE
Through an easy-to-use graphical user interface or CLI IT controls policy and application settings as well as device management. Centrally manage software upgrades, SSL certificates, and enable the backup and restoration of configuration files for all of your appliances from one location. By eliminating the need to log into every appliance for device management, aGalaxy improves operational efficiency.

SECURITY REPORTING
aGalaxy offers a variety of security reports that enable organizations to track security events, identify attack trends and address compliance. It also offers Web Application Firewall (WAF) reports to demonstrate security status and satisfy Payment Card Industry (PCI) requirements. All reports can be exported, viewed or printed (for example as a PDF), enabling all stakeholders to analyze security events.
### aGALAXY 5000 CENTRALIZED MANAGEMENT SYSTEM

<table>
<thead>
<tr>
<th>Recommended Devices Supported</th>
<th>200 Thunder ADC Devices</th>
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</thead>
</table>
| ACOS Versions Supported       | Thunder ADC: 2.7.1 or higher  
                               | Thunder CGN: 2.8.2 or higher |
| Browser                       | Internet Explorer 8.x and Firefox 9.x or Above |
| Network Interfaces            | 4x 1GE Copper + 4x 10GE SFP+, Management, Console |
| Processor                     | 2 x Intel Xeon 10-core |
| Memory                        | 128 GB ECC RAM |
| Storage                       | Dual 3.5" 3 TB HDD + 2.5" 800 GB SSD |
| Dimensions                    | 3.5 in (H), 17.5 in (W), 25.0 in (D) |
| Weight                        | 37 lbs |
| Rack Units (Mountable)        | 2U |
| Operating Ranges              | Temperature 0° - 40° C | Humidity 5% - 95% |
| Regulatory Certifications     | FCC Class A, UL, CE, TUV, CB, VCCI | RoHS |
| Standard Warranty             | 90-Day Software or Hardware Warranty |
| Network Interfaces            | 4x 1GE Copper + 4x 10GE SFP+, Management, Console |

### aGALAXY VIRTUAL APPLIANCE

### aGALAXY CENTRALIZED MANAGEMENT SYSTEM

<table>
<thead>
<tr>
<th>Recommended Devices</th>
<th>30 Thunder ADC Devices</th>
</tr>
</thead>
</table>
| Supported Hypervisor| VMware ESXi 5.0 or Higher  
                       | KVM Version 0.14 (emu-kvm-0.14.0) or Higher |
| Hardware Requirements| See Installation Guide |
| Standard Warranty   | 90-Day Software |

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**aGALAXY FOR ADC PHYSICAL APPLIANCE**
# DETAILED FEATURE LIST

## Simplified Thunder ADC Device Management
- Wizard-based system configuration
- Real-time and centralized management
- Configuration, backup and restore
- Uptime status
- Centralized management for managed device upgrades and image upgrade repository
- Reboot and shutdown features for managed devices
- Managed Thunder ADC health monitoring
- Configuration deployment and comparison
- Centralized sFlow collector
- Searchable audit logs that track username, IP address and time of login
- On-box management GUI
- aGAPI REST API

## Event Management and Reporting
- Events categorized by severity, event ID and more
- Accurate information for network availability, usage, performance and inventory
- Searchable audit logs that track username, IP address and time of login
- Data consolidation across multiple panels into real-time web dashboard
- On-demand and scheduled reports
- Dynamic dashboard monitoring
- Wizard-based system configuration
- Uptime history
- Customizable event alerts/alarms

## Access Management
- Role-based access control management
- External authentication that supports RADIUS and TACACS+

Features may vary by licensed options. Options include base device management and Thunder ADC device management pack.