



Cisco Firewall Health Check

Ultima understands that next-generation firewalls can organically degrade over time as system updates, modifications and continual operation take their toll on performance, best practice configuration and operational stability. Since many organisations rely heavily on intrusion prevention, firewalls, anti-virus and virtual private networks (VPN's), having confidence in appliances to deliver these secure services is essential. While being reactive to problems and incidents is a daily occurrence, proactively assuring your organisation's critical business services is a mandatory requirement.

As a Cisco Premier Partner, we can deliver a health check to ensure that your Adaptive Security Appliances (ASA's) are running optimally and confirm if they meet your current, and future, requirements. Whether you are preparing to transform your IT, or just want to check things are running smoothly, we can provide visibility of the configuration, condition and performance of your FirePOWER, CSM (Cisco Security Manager) and ASA solutions. This ensures that content inspection, SSL (Secure Socket Layer) support and IPS (Intrusion Prevention System) reduces the overall threat footprint. Leveraging best practice and exposure to real-world implementations, means we can provide the insight and support needed to resolve any issues.

Scope

Ultima's Cisco health check can be used against the following components:

- Management - CSM, FirePOWER and ASDM (Adaptive Security Device Manager)
- Security Gateway
- Reporting - CSM and FirePOWER
- Endpoint Security - AnyConnect

Engagement Approach

Ultima adopts a simple, but effective, four stage process, allowing us to interrogate your Cisco ASA's and deliver best practice recommendations. This structured engagement will be based on the number of management servers, gateways and rules within your environment. Delivered by a qualified Cisco consultant, they will provide forensic analysis and articulate the findings back to you.

➤ Step 1 - Analyse

Our consultant will lead a planning call to agree the scope and objectives of the health check, and further understand the issues and operational challenges affecting the service. Once a schedule of engagement has been completed, we will review the following:

Activities	Express	Standard
Software and hardware, including versions and current hotfix level	✓	✓
Management infrastructure (if applicable), CSM and FirePOWER	✓	✓
ASDM e.g. Objects, hit counts, VPN configuration, IPS, URL filtering and AVC (Application Visibility and Control)	✓	✓
Licensing - Features currently in use	✓	✓
Architecture - Gateways, management and platforms	✓	✓
Backup and Disaster Recovery	✓	✓
High Availability, including management and gateway clustering	✓	✓
Rule Bases - Full version includes customer involvement to analyse each rule	High Risk	All

➤ Step 2 - Review

We will examine the data to ensure optimal configuration and consistency as per best practice; capturing, qualifying and prioritising issues which may impact business operations, alongside identifying areas where the service could be optimised. Our assessment includes:

- Establishing a performance baseline and making recommendations regarding future optimisation
- Checking the current component versions and potential upgrade roadmaps
- Identifying design changes or feature implementations in order to best deliver business requirements
- Confirming the licensing position to determine whether further value can be gained from the existing entitlement

➤ Step 3 - Define

The ability to understand precisely what's going on inside your environment is as important as diagnosing the issues or threats facing it. Ultima's comprehensive service improvement report will provide your organisation with the following insights:

Activities	Express	Standard
Management summary highlighting risks, issues, recommendations and prioritised next steps	✓	✓
Breakdown of Cisco services in use against licensed features not currently implemented	✓	✓
Alignment against vendor best practice outlining deviations and any corrective measures	✓	✓
Health of the Cisco services in use and recommendations where deficiencies are found	✓	✓
Management and gateway resources summary (CPU, storage, memory), highlighting performance bottlenecks	✓	✓
Report showing the findings of the rule base review along with recommendations	Basic Report	Full Report

➤ Step 4 - Present

Ultima will email the report for review, before presenting the management summary to your team via Skype. We will drill down into the headline findings including the risks, issues and recommendations we have made regarding your Cisco environment, providing you the opportunity to ask questions, receive advice and plan for potential remediation activities.



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Ultima packaged services, please visit
ultima.com or call our sales team

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Key Benefits

- Regain peace of mind over your Cisco estate
- Flexible engagement from a Cisco Premier Partner
- Delivered by a qualified Cisco consultant
- Gap analysis against vendor best practice
- Confidence to make changes to production systems

Prerequisites

- Support at management and technical levels
- Schedule of engagement outlining the scope
- Administration access to systems in scope for review

Key Deliverables

- Comprehensive service improvement report
- Consultant-led walk-through, outlining the issues found
- Option of on-going consultancy to remediate issues

Express **2 Days**

Standard **3 Days**