



# INTERNAL VULNERABILITY ASSESSMENT

Service Definition



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## Know your Network

Security is a major component of computer networks today. Protection of sensitive data is both required by regulation and necessary to maintain the goodwill of your customers. Before you can secure your network you need to identify its weaknesses.

Network Vulnerability Assessments performed by a skilled auditor can provide the details of your threat exposure and where your weaknesses are.

## What Astrum Labs Offers

Our vulnerability assessments focus on providing a complete picture of the weaknesses of your network in a clear and concise format that highlights the issues that need to be addressed and outlines actionable remediation steps.

Our areas of focus are:

### ► Patch Management

Keeping your systems up to date with their vendor supplied patches is critical to securing any network. We will perform an authenticated scan of your windows based systems and report on the status of patches for both Microsoft and other vendors like Adobe and Oracle.

### ► Service Discovery

The larger the attack surface of a network is, the less resilient it is to attack. Unnecessary services increase your attack surface and should be shut down. We will perform a portscan, enumerate the services that are found and highlight those that are unusual.

### ► System Vulnerabilities

Even with proper patch management, vulnerabilities can exist due to system age or design. We will perform a scan of active services looking for exploitable vulnerabilities such as deprecated protocols and sensitive information exposure.

### ► Configuration Errors

Securing most services requires one to harden the configuration and verify the default settings match the deployment environment. We will scan for improper configurations and suggest options that will further harden available services.

### ► Network Access

Access from your network to the world should be tightly controlled to prevent malware from communicating with its control servers and data exfiltration. We will enumerate the paths out of your network and report on any that are not properly controlled.