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# Network Audit

Computer networks are a critical component of any organization's infrastructure, and a primary target for any malicious attacks. Knowing its status and vulnerabilities should always be a priority.



A network audit will ensure that you gain full knowledge of your current network, identifying any vulnerabilities, that can be either related to possible component failure or malicious intrusion and attack, as well as any opportunities for optimization and performance improvement.

A set of recommendations will emerge from the audit, that will allow your organization to address any issues and plan future upgrades.

Increased  
security,  
performance  
and  
availability

## Main Benefits

Increased security: identify and address vulnerabilities, take preemptive action against threats

Establish Priorities: by knowing which issues have more damage potential for your business

Cost control: avoid unnecessary investments and avoid problem mitigation costs

Productivity gains: adapt the network structure and rules to your real needs, without compromising security



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## Physical Analysis

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In this first step, a full inventory of all active and passive network components will be made, highlighting any eventual performance of reliability bottlenecks. Best practice recommendations for the physical network architecture will also emerge from this phase.

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## Logical Analysis

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Logical analysis includes the identification of existing networks, their type and main function (network of servers, DMZ, internal network, etc.). The networks will also be subjected to a comprehensive scan, to identify the equipments and services present. Externally hosted service will also be identified (website, email, dns, etc.).

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## Infrastructure Optimization

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Most network audits reveal immediate improvement opportunities. Network performance optimization also increases reliability, flexibility and reduces operational overhead.

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## Security Analysis

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In addition to performance and reliability optimization, detection of existing vulnerabilities is essential. This analysis will look for vulnerabilities to widely known attacks, and will identify adequate control policies (security, Internet access, anti-virus protection).



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## Proactive Prevention

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Out-of-date or inadequate infrastructures cause organizations to become vulnerable to problems that may originate all kinds of economic or functional damage. A network audit allows preemptive action to address issues and avoid potential risks.

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## Add Value

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A well conducted network audit results in useful information that can be used to help achieve specific business goals, with a strong positive impact on the future prospects of the organization.

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## Why Eurotux

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Expertise in the security, performance and reliability areas, in the context of infrastructure, services and applications

Proven experience in many similar projects, with recognized creation of value

Professional service with a highly trained and motivated team

Capability to follow-up the audit with the implementation of any recommended measures