



## **FIREWALL** HEALTH CHECK & AUDIT



**INCREASE REVENUE AND CUSTOMER VALUE** WITH  
EXCLUSIVE NETWORKS PROFESSIONAL & SUPPORT SERVICES

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# FIREWALL HEALTH CHECK & AUDIT

Why, When, Who, Where, How & What?

## WHY?

### WHY DO I NEED A FIREWALL HEALTH CHECK AND AUDIT?

- Organisations change; mergers, acquisitions, growth etc. Is the firewall still meeting the needs of the business?
- Firewall rules have changed since installation and may no longer adhere to the best practice.
- Organisations often lack understanding of the traffic traversing their firewall and the protocols and applications that make up that traffic.
- Firewall services are critical to the business, often High Availability and resilience are not considered.
- Your Firewall should have the optimum configuration; there may be additional features available which could improve security or the functionality of the firewall.
- Mitigate risk and increase peace of mind with expert validation of the firewall function.

## WHEN?

### WHEN SHOULD I HAVE A FIREWALL HEALTH CHECK & AUDIT?

- We recommend the firewall health check once a year or following a major change in the business. This can include on-boarding new web applications, or a change of technology administration staff.

## WHO?

### WHO WILL COMPLETE THE HEALTH CHECK AND AUDIT ?

- A certified security consultant.

## WHERE?

### WHERE IS THE WORK COMPLETED?

- The entire exercise can be done remotely using remote meeting capabilities or on site according to the customer's preference.
- Typically, the first half of any health check and audit will be done on site, and the second half of the health check will be completed remotely.

## HOW?

### HOW LONG WILL IT TAKE?

- A complete health check and audit will take 2 days per firewall or firewall HA cluster.
- The first day is for gathering intelligence and analysis of the firewall with the second day being used to complete the comprehensive report.


**WHAT?**
**WHAT WILL YOU DO ?**

We will take a holistic view of your firewall services. A basis of our approach is as follows.

<b>FIREWALL HEALTH CHECK &amp; AUDIT</b>	<b>POLICY HEALTH CHECK &amp; AUDIT</b>	<b>POLICY HEALTH CHECK &amp; AUDIT</b>
Software revision	Security profiles	Executive Summary
CPU / Memory utilisation	Objects	Documentation of the environment
Admin accounts	Source NAT	Detailed findings
Certificates	Destination NAT	Recommendations
UTM features	SSL inspection	
Interfaces	Traffic shapers	
VLANs		
High Availability review (failover test op optional)		
SSL VPN		
IPSec		
Static routing		
Equal Cost Multi Path routing		
Policy based routing		
Logging and logs		
Alerting and alerts		
3rd party integration review		
Network integration and positioning		