Remote Office Branch Office Firewall Requirements

# Introduction

Choosing a perimeter security solution is a key step in having a strong security posture. Whilst in mobile and cloud era premiers have changed, the corporate network still needs perimeter defences both from an egress and ingress point of view. It’s also important to understand that simple firewalls with NAT are often no longer a sufficient capability set. We’ve created this requirement gathering sheet to help you document and understand your requirements. This isn’t an exhaustive list but it’s key questions you will need answers for if you are looking to implement or upgrade a perimeter security solution. Please note this does not look at organisational capability, capacity or process. You will need to ensure you have people and processes in place to deploy and operate a perimeter security service.

# General Requirements

|  |  |
| --- | --- |
| Location Name |  |
| New Install or Upgrade? |  |
| Address |  |
| General Purpose Description |  |
| Do you require an integrated wireless management solution? |  |
| Do you require a cloud managed solution? |  |
| Number of users/devices |  |
| Internet/WAN Link Speed |  |
| High availability required |  |
| Support Plan (Standard office/247/365) |  |
| Hardware Support |  |
| Hub Site Firewall vendor |  |
| Preferred Vendor |  |
| Preferred Model |  |
| Are staff trained on this platform? |  |
| Are staff experienced on this platform? |  |
| Number of VLANS |  |
| Public IP address assignment method |  |
| Public IP addresses (CIDR) |  |
| Internal Networks CIDR |  |
| DMZ Required? |  |
| DMZ CIDR |  |
| Are there any legal or regulatory requirements that must be met (e.g. PCI) |  |
| Is there a UPS with sufficient capacity to support this device? |  |

# Capabilities & Features

|  |  |  |
| --- | --- | --- |
| Capability | Required (yes/no) | Notes |
| 1GBE Interfaces |  |  |
| 10GBE Interfaces |  |  |
| SFP Interfaces |  |  |
| SFP+ Interfaces |  |  |
| QSFP+/QSFP28 |  |  |
| DHCP |  |  |
| HA |  |  |
| QoS |  |  |
| IPSEC VPN |  |  |
| Client Based VPN |  |  |
| SSL VPN |  |  |
| Multicast |  |  |
| URL Filtering |  |  |
| DNS/DNS Logging |  |  |
| AD Integration |  |  |
| SSL Decryption |  |  |
| SIEM/SYSLOG Integration |  |  |
| Redundant Power Supply |  |  |

# Local Site Interconnectivity

|  |  |
| --- | --- |
| Segment | Description |
| Local Area Network Switching |  |
| Wireless Networking |  |
| Other |  |

# Other Notes

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