



CCDC Inject

INJECT NAME	Design a High Availability (HA) Solution
INJECT ID	DSGN17A

INJECT DESCRIPTION:

The CIO has requested that the Networking Team design a high availability solution (HA) for the firewall. Looking at the current topology there is a single firewall supporting the network. The budget has funds for a second firewall and other needed equipment to implement this. The configuration should support a redundant firewall with configuration features that allow for a transparent failover when the primary device fails.

INJECT DELIVERABLE

Respond with a clearly written plan that identifies all the hardware components needed such that there is no single point of failure between the external network connection and the internal network segments. Explain the technology that will implement the detection of a failure and the seamless failover of services. Provide a drawing showing the components and wiring required to interconnect them. Assume the ISP will provide two redundant feeds (cables) if needed.