

# **Observations on Virtual Firewalling Tools in VMWare Networks**

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## **Abstract**

This presentation provides some guidance on implementation of virtual firewalling appliances in the VM environment to isolate and monitor network activities for network segments which are established using virtual switches and devices in a fully virtualized environment. Considerations involve the use of various open source available tools to create firewalls, such as Monowall, and tools such as Opsview and SNORT for monitoring those virtual environments. The presentation provides observations made in the implementation for a beta test environment with actual users and best practice guidelines for testing these tools.