

UserData Script For Security Appliance (Firewall)

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#!/bin/bash

# Update the system
yum update -y

# Install iptables-services for managing iptables
yum install -y iptables-services

# Enable IP forwarding for Layer 3 routing
echo "net.ipv4.ip_forward=1" >> /etc/sysctl.conf
sysctl -p

# Flush all existing iptables rules
iptables -F

# Set default policies to allow all traffic
iptables -P INPUT ACCEPT
iptables -P FORWARD ACCEPT
iptables -P OUTPUT ACCEPT

# Save the iptables rules
service iptables save

# Enable and start the iptables service
systemctl enable iptables
systemctl start iptables
```