pfsense®

PLANO DE CONFIGURAÇÃO

pfSense

Descrição: unidade, setor Licenciamento

Hardware:

VM... 1.5GB RAM, 50GB, Intel core i7 8990

Nics : 4 rede Interna ("RMK-PFSENSE", "INT-SRV", "ADM", "OPTEC")

Instalação:

pfSense 2.6.0

Chave de ativação: **Free**

https://www.pfsense.org/download/

Usuário: admin

Senha de acesso: **pfsense**

Configurações:

Atribuir IP's as interfaces:

      em0: 172.30.96.2 /20

      em1:   172.30.16.1 /20

      em2:   172.30.32.1 /20

      em3:   172.30.80.1 /20

WebConfigurator:

      System

      > Setup Wizard

         > Next

         Hostname: pfSense_firewall_de_meio

            Domain: friendlyhardware.com

               Time server hostname: a.ntp.br

                  Timezone: Etc/GMT-3

Desmarcar as opções : Block RFC1918 / Block bogon networks

Alterar senha padão pfsense:

Des@bilitar@321

Reload:

Finish:

Criar Usuário administrador:

System

➢ User manager

Add:

Username: friendly
Password: Friendly2022*

Group membership : admins member of

Salve

Editar Usuário Friendly

Effective privileges:

Add:

Assigned privileges:

User - System: Shell account access

Save

Editar Usuário padrão:

Disabled: This user cannot login

Group membership : admins, Not member of

Effective privileges:

Delete User - System: Shell account access

Save

Configurações Avançadas:

Advanced:

Webconfigurator:

Admins Access:

Protocol: HTTPS(SSL/TLS)

Secure Shell:

Enable secure Shell

Console Options:

Console menu: enable Password protect the console menu

SAVE

Renomear todas as Interfaces:

Interfaces:

WAN = RMKPFSENSE

LAN = INTSERV

OPT1 = ADM

OPT2 = OPTEC

Liberando acesso web em todas as Interfaces:

  Firewall

➢ Rules

Criar as seguintes regras em todas as interfaces:

Action: Pass

  Interface: "INTSRV", "ADM", "OPTEC"

Adress family: IPv4

Protocol: Any

  Source: "INTSRV net", "ADM net", "OPTEC net"

Destination: Any

  SAVE:

Segunda regra:

Action: Pass

Interface: "INTSRV", "ADM", "OPTEC"

Adress family: IPv4

Protocol: TCP

Source: "ADM net", "OPTEC net"

Destination: Any

Destination Port Range: From HTTP (80) To HTTP (80)

Description: Acesso a Web

SAVE:

Habilitar DHCP Relay:

Service:

➢ DHCP Relay:

    Ebable DHCP Relay on interface:

    ADM:

    OPTEC:

CARP Status VIP: none

     Destination Server: 172.30.16.6

  SAVE.

Criando Aliases:

Firewall > Aliases > Add

Name: Redes sociais

Descriptions: Site de Redes Sociais

Type: Host(s)

IP or FQDN: www.instagram.com Add Host

IP or FQDN: www.youtube.com Add Host

IP or FQDN: pt-br.facebook.com

SAVE

Bloqueando os sites de redes sociais no setor OPTEC

Firewall > Rules > OPTEC

Add

Action: Block

Interface: "OPTEC"

Adress family: IPv4

Protocol: TCP

Source: "OPTEC net"

Destination: Single host or alias   Redes Sociais

Destination Port Range: From HTTP (80) To HTTP (80)

Description: Bloqueio de redes sociais

SAVE:

Add

Action: Block

Interface: "OPTEC"

Adress family: IPv4

Protocol: TCP

Source: "OPTEC net"

Destination: Single host or alias   Redes Sociais

Destination Port Range: From HTTPS (443) To HTTPS (443)

Description: Bloqueio de redes sociais

SAVE:

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