

Activación del servicio DHCP en el resto  
de redes LAN en pfSense

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# 1. Activación DHCP en cada VLAN

## 1.1. VLAN 219. ATECA223

WAN

DPT0136

ANDARED

AULA134

AULA138

AULA131

AULA129

AULA127

ATECA223

VM

General DHCP Options

DHCP Backend

Kea DHCP

Habilitar

☒ Habilitar el servidor DHCP en ATECA223 interfaz

Deny Unknown Clients

Allow all clients

▼

When set to **Allow all clients**, any DHCP client will get an IP address within this scope/range on this interface. If set to **Allow known clients from any interface**, any DHCP client with a MAC address listed in a static mapping on **any** scope(s)/interface(s) will get an IP address. If set to **Allow known clients from only this interface**, only MAC addresses listed in static mappings on this interface will get an IP address within this scope/range.

Ignore Client Identifiers

☐ Do not record a unique identifier (UID) in client lease data if present in the client DHCP request

Esta opción puede ser útil cuando un arranque dual de cliente pueden utilizar diferentes identificadores de cliente, pero la dirección mismo hardware (MAC). Tenga en cuenta que el comportamiento del servidor resultante viola la especificación oficial de DHCP.

Primary Address Pool

subred

192.168.219.0/24

Subnet Range

192.168.219.1 - 192.168.219.254

Address Pool Range

192.168.219.20

De

192.168.219.200

Para

The specified range for this pool must not be within the range configured on any other address pool for this interface.

Las piscinas adicionales

+ Add Address Pool

If additional pools of addresses are needed inside of this subnet outside the above range, they may be specified here.

Server Options

## 1.2. VLAN 112. Nombre interfaz AULA134 y dirección 192.168.112.8/24

WAN

DPT0136

ANDARED

AULA134

AULA138

AULA131

AULA129

AULA127

ATECA223

VM

General DHCP Options

DHCP Backend

Kea DHCP

Habilitar

☒ Habilitar el servidor DHCP en AULA134 interfaz

Deny Unknown Clients

Allow all clients

▼

When set to **Allow all clients**, any DHCP client will get an IP address within this scope/range on this interface. If set to **Allow known clients from any interface**, any DHCP client with a MAC address listed in a static mapping on **any** scope(s)/interface(s) will get an IP address. If set to **Allow known clients from only this interface**, only MAC addresses listed in static mappings on this interface will get an IP address within this scope/range.

Ignore Client Identifiers

☐ Do not record a unique identifier (UID) in client lease data if present in the client DHCP request

Esta opción puede ser útil cuando un arranque dual de cliente pueden utilizar diferentes identificadores de cliente, pero la dirección mismo hardware (MAC). Tenga en cuenta que el comportamiento del servidor resultante viola la especificación oficial de DHCP.

Primary Address Pool

subred

192.168.112.0/24

Subnet Range

192.168.112.1 - 192.168.112.254

Address Pool Range

192.168.112.20

De

192.168.112.250

Para

The specified range for this pool must not be within the range configured on any other address pool for this interface.

Las piscinas adicionales

+ Add Address Pool

If additional pools of addresses are needed inside of this subnet outside the above range, they may be specified here.

Server Options

### 1.3. VLAN 114. Nombre interfaz AULA138 y dirección 192.168.114.8/24

WAN	DPT0136	ANDARED	AULA134	<b>AULA138</b>	AULA131	AULA129	AULA127	ATECA223	VM
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#### General DHCP Options

DHCP Backend	Kea DHCP
Habilitar	<input checked="" type="checkbox"/> Habilitar el servidor DHCP en AULA138 interfaz
Deny Unknown Clients	<div>Allow all clients</div> <div>When set to <b>Allow all clients</b>, any DHCP client will get an IP address within this scope/range on this interface. If set to <b>Allow known clients from any interface</b>, any DHCP client with a MAC address listed in a static mapping on <b>any</b> scope(s)/interface(s) will get an IP address. If set to <b>Allow known clients from only this interface</b>, only MAC addresses listed in static mappings on this interface will get an IP address within this scope/range.</div>
Ignore Client Identifiers	<input type="checkbox"/> Do not record a unique identifier (UID) in client lease data if present in the client DHCP request Esta opción puede ser útil cuando un arranque dual de cliente pueden utilizar diferentes identificadores de cliente, pero la dirección mismo hardware (MAC). Tenga en cuenta que el comportamiento del servidor resultante viola la especificación oficial de DHCP.

#### Primary Address Pool

subred	192.168.114.0/24
Subnet Range	192.168.114.1 - 192.168.114.254
Address Pool Range	<div>192.168.114.20</div> <div>De</div> <div>192.168.114.250</div> <div>Para</div> <div>The specified range for this pool must not be within the range configured on any other address pool for this interface.</div>
Las piscinas adicionales	<div>+ Add Address Pool</div> <div>If additional pools of addresses are needed inside of this subnet outside the above range, they may be specified here.</div>

### 1.4. VLAN 115. Nombre interfaz AULA131 y dirección 192.168.115.8/24

WAN	DPT0136	ANDARED	AULA134	AULA138	<b>AULA131</b>	AULA129	AULA127	ATECA223	VM
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#### General DHCP Options

DHCP Backend	Kea DHCP
Habilitar	<input checked="" type="checkbox"/> Habilitar el servidor DHCP en AULA131 interfaz
Deny Unknown Clients	<div>Allow all clients</div> <div>When set to <b>Allow all clients</b>, any DHCP client will get an IP address within this scope/range on this interface. If set to <b>Allow known clients from any interface</b>, any DHCP client with a MAC address listed in a static mapping on <b>any</b> scope(s)/interface(s) will get an IP address. If set to <b>Allow known clients from only this interface</b>, only MAC addresses listed in static mappings on this interface will get an IP address within this scope/range.</div>
Ignore Client Identifiers	<input type="checkbox"/> Do not record a unique identifier (UID) in client lease data if present in the client DHCP request Esta opción puede ser útil cuando un arranque dual de cliente pueden utilizar diferentes identificadores de cliente, pero la dirección mismo hardware (MAC). Tenga en cuenta que el comportamiento del servidor resultante viola la especificación oficial de DHCP.

#### Primary Address Pool

subred	192.168.115.0/24
Subnet Range	192.168.115.1 - 192.168.115.254
Address Pool Range	<div>192.168.115.20</div> <div>De</div> <div>192.168.115.250</div> <div>Para</div> <div>The specified range for this pool must not be within the range configured on any other address pool for this interface.</div>
Las piscinas adicionales	<div>+ Add Address Pool</div> <div>If additional pools of addresses are needed inside of this subnet outside the above range, they may be specified here.</div>

#### Server Options

## 1.5. VLAN 116. Nombre interfaz AULA129 y dirección 192.168.116.8/24

WAN	DPT0136	ANDARED	AULA134	AULA138	AULA131	<b>AULA129</b>	AULA127	ATECA223	VM
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### General DHCP Options

DHCP Backend	Kea DHCP
Habilitar	<input checked="" type="checkbox"/> Habilitar el servidor DHCP en AULA129 interfaz
Deny Unknown Clients	<div>Allow all clients</div> <div>When set to <b>Allow all clients</b>, any DHCP client will get an IP address within this scope/range on this interface. If set to <b>Allow known clients from any interface</b>, any DHCP client with a MAC address listed in a static mapping on <b>any</b> scope(s)/interface(s) will get an IP address. If set to <b>Allow known clients from only this interface</b>, only MAC addresses listed in static mappings on this interface will get an IP address within this scope/range.</div>
Ignore Client Identifiers	<input type="checkbox"/> Do not record a unique identifier (UID) in client lease data if present in the client DHCP request Esta opción puede ser útil cuando un arranque dual de cliente pueden utilizar diferentes identificadores de cliente, pero la dirección mismo hardware (MAC). Tenga en cuenta que el comportamiento del servidor resultante viola la especificación oficial de DHCP.

### Primary Address Pool

subred	192.168.116.0/24
Subnet Range	192.168.116.1 - 192.168.116.254
Address Pool Range	<div>192.168.116.20</div> <div>De</div> <div>192.168.116.250</div> <div>Para</div> <div>The specified range for this pool must not be within the range configured on any other address pool for this interface.</div>
Las piscinas adicionales	<div>+ Add Address Pool</div> <div>If additional pools of addresses are needed inside of this subnet outside the above range, they may be specified here.</div>

### Server Options

## 1.6. VLAN 127. Nombre interfaz AULA127 y dirección 192.168.127.8/24

WAN	DPT0136	ANDARED	AULA134	AULA138	AULA131	AULA129	<b>AULA127</b>	ATECA223	VM
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### General DHCP Options

DHCP Backend	Kea DHCP
Habilitar	<input checked="" type="checkbox"/> Habilitar el servidor DHCP en AULA127 interfaz
Deny Unknown Clients	<div>Allow all clients</div> <div>When set to <b>Allow all clients</b>, any DHCP client will get an IP address within this scope/range on this interface. If set to <b>Allow known clients from any interface</b>, any DHCP client with a MAC address listed in a static mapping on <b>any</b> scope(s)/interface(s) will get an IP address. If set to <b>Allow known clients from only this interface</b>, only MAC addresses listed in static mappings on this interface will get an IP address within this scope/range.</div>
Ignore Client Identifiers	<input type="checkbox"/> Do not record a unique identifier (UID) in client lease data if present in the client DHCP request Esta opción puede ser útil cuando un arranque dual de cliente pueden utilizar diferentes identificadores de cliente, pero la dirección mismo hardware (MAC). Tenga en cuenta que el comportamiento del servidor resultante viola la especificación oficial de DHCP.

### Primary Address Pool

subred	192.168.127.0/24
Subnet Range	192.168.127.1 - 192.168.127.254
Address Pool Range	<div>192.168.127.20</div> <div>De</div> <div>192.168.127.250</div> <div>Para</div> <div>The specified range for this pool must not be within the range configured on any other address pool for this interface.</div>
Las piscinas adicionales	<div>+ Add Address Pool</div> <div>If additional pools of addresses are needed inside of this subnet outside the above range, they may be specified here.</div>

## 2. Servicio Kea DHCP

pfSense lanzaba una alerta de que el servicio DHCP estaba sin soporte, y me recomendaba activar el servicio DHCP por Kea.

El acceso de administrador

Cortafuegos y NAT

**Redes**

Misceláneos

sistema optimizables

Notificaciones

**DHCP Options**

Server Backend

☒ Kea DHCP

☐ ISC DHCP (Deprecated)

☐ Ignore Deprecation Warning

ISC DHCP has reached end-of-life and will be removed from a future version of pfSense. Kea DHCP is the newer, modern DHCP distribution from ISC that includes the most-requested features.

RADVD Debug

☐ Log all radvd log levels

DHCP6 Debug

☐ Comience cliente DHCP6 en modo de depuración