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r/Ubiquiti • 5 yr. ago

gacpac



configuring igmp snooping. Is it worth it? does it work?

Hi,

I have a good understanding of basic networking, vlans, etc. I have a very simple setup with an ISP modem/router huawei hg8245h, unifi Switch and 2 AP Lite.

I have 3 IPTVs on the network. When I turned on igmp snooping in the switch, the cable went down and after checking some logs, the packets were getting discarded of some sort. I know what igmp does and it's supposed to be great for video and streaming, basically multicast.

Had this happened to someone, because unifi support is not much help really.



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gacpac **OP** • 5y ago

FYI. I also tried messing with Vlans to accomplish this, but it quite confused me. As by default everything works. From what I can analyze from the ISP router. I have 4 vlans coming from the wan port as trunk. Internet, IPTV, VoIP and Multicast.

The vlans are not bound to any of the ports. The dhcp for the LAN is using option 125 and all the IPTVs are detected as MSFT_IPTV.

Maybe I'm over complicating things, but hey I'm just explaining the settings to make it easier for someone to help lol

[Skip to main content](#)[Log In](#)**VA_Network_Nerd** • 5y ago

https://en.wikipedia.org/wiki/IGMP_snooping

IGMP Snooping only has impact if you are using multicast applications.

What multicast application(s) are you running?

What do you hope IGMP will do for you?

⬇️ 2 ⬆️ ...

**gacpac** OP • 5y ago

I have 3 IPTVs

Snooping is therefore especially useful for bandwidth-intensive IP multicast applications such as IPTV.

Benefits: that's why asking what benefits I can get. Because I see it everywhere when you go buy a switch for homes. The use that as marketing. Tplink and netgear as an example.

⬆️ 2 ⬇️ ...

⊕ 7 more replies

**pixelplumber** • 5y ago

You might need to make sure the switch has a IGMP “querier” running on it too if your router is not a querier. As far as I understand it there's two parts to IGMP snooping 1) the snooping which does the filtering and 2) the querier/mrouter which send out igmp reports that all the multicast listeners respond to which keeps the switch from filtering the stream to that port.

No reports then nothing for snooping to snoop and it eventually filters everything.

I think unifi switches are supposed to enable the querier if there is no USG in the network. But for example on edge switches I'm pretty sure you have to manually enable both features or you can get the situation where multicast traffic just eventually gets dropped as nothing is sending out reports.

See if the ubnt forums mention anything about unifi switches and querier.

⬇️ 2 ⬆️ ...

**gacpac** OP • 5y ago

How can I check if my router is doing igmp querier. Wireshark?

⬆️ 2 ⬇️ ...

⊕ 2 more replies

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around it. But I don't seem to get it working on unifi. There's a huge post in the ubiquiti forums regarding the problem.

Netgear solution - <https://kb.netgear.com/29911/Configuring-VLAN-IPTV-setup-on-your-Nighthawk-router>

TP-link solution - <https://www.tp-link.com/us/support/faq/1546/>

Ubiquiti Guide - that doesn't work <https://community.ui.com/questions/Guide-VLAN-IPTV-Setup-with-UniFi-Devices-/8e00582f-3c75-4815-983f-a5c7fd0aad2c>

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Did I screw up with UniFi talk?

2 upvotes · 26 comments



r/Ubiquiti • 6 mo. ago

10 GBit home setup in late 2024

21 upvotes · 66 comments



r/Ubiquiti • 6 mo. ago

Is it normal for UDMP SFP port to show 10g even though it should be negotiating at 2.5g?

29 upvotes · 27 comments



r/Ubiquiti • 7 mo. ago

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Hi, I'm new to this community, I've never had Ubiquiti before and I had to modernize the connections in my small apartment so I bought a U7 pro max access point and a UCG Ma...

34 upvotes · 24 comments

 r/Ubiquiti • 6 mo. ago

Bad IP Addresses? My UDM Pro Serving 169.254..

2 upvotes · 13 comments

 r/Ubiquiti • 6 mo. ago

U7 pro speed slow?? 700Mbps?

32 comments

 r/Ubiquiti • 3 mo. ago

U7 Pro IoT issues still a thing?

7 upvotes · 52 comments

 r/Ubiquiti • 6 mo. ago

What is the point of having a separate devices / IoT wireless network?

47 upvotes · 110 comments

 r/Ubiquiti • 6 mo. ago

First Unifi Project at my job.

138 upvotes · 14 comments

 r/Ubiquiti • 3 mo. ago

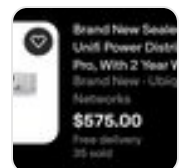
Static IP's for Unifi Equipment?

25 upvotes · 72 comments

 r/Ubiquiti • 21 days ago

Ubiquiti needs to do something to prevent this.

241 upvotes · 187 comments



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10 upvotes · 42 comments

 r/Ubiquiti • 3 mo. ago

Slow transfer over 10Gbps connections



295 upvotes · 63 comments

 r/Ubiquiti • 5 mo. ago

U7 pro iot issue explained



53 upvotes · 157 comments

 r/Ubiquiti • 2 mo. ago

U7 IoT issues update, it's fairly fixed.

93 upvotes · 32 comments

 r/Ubiquiti • 3 mo. ago

SNMP Support added to UniFi OS



54 upvotes · 18 comments

 r/Ubiquiti • 1 mo. ago

Exploring moving my voip service to unifi



51 upvotes · 37 comments

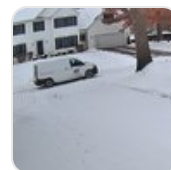
 r/Ubiquiti • 25 days ago

PSA: Multiple CVE's with Unifi Protect and Unifi Protect Cameras reported...

106 upvotes · 14 comments

 r/Ubiquiti • 26 days ago

Is it possible for a G4 Pro camera with an AI port to recognize a specific vehicle- without the license plate? I want to see if I can set it up to send me a notification when the mail is here.



154 upvotes · 89 comments

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179 upvotes · 31 comments



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Poor performance using Unifi Cloud Gateway Max with 2.5gbps FTTP

3 upvotes · 20 comments



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Living Room Unifi Setup



170 upvotes · 40 comments



r/Ubiquiti • 2 mo. ago

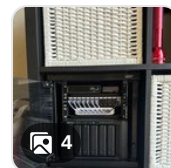
Wishing Unifi made a UPS

259 upvotes · 214 comments



r/Ubiquiti • 23 days ago

Goodbye my small UniFi setup...



990 upvotes · 114 comments

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