

知 安全V7产品OSPF报文交互debug信息

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问题描述

安全V7产品OSPF报文交互debug信息

解决方法

10.10.10.5-----10.10.10.10, 在10.10上debug

10.10发出的hello发现报文

*Jul 31 06:22:47:534 2023 FW2 OSPF/7/DEBUG: Source address:

10.10.10.10

*Jul 31 06:22:47:534 2023 FW2 OSPF/7/DEBUG: Destination address:

224.0.0.5

*Jul 31 06:22:47:534 2023 FW2 OSPF/7/DEBUG: Version 2, Type: 1, Length:

44.

*Jul 31 06:22:47:534 2023 FW2 OSPF/7/DEBUG: Router: 10.10.10.10, Area: 0.0.0.0, Checksum: 595

30.

*Jul 31 06:22:47:534 2023 FW2 OSPF/7/DEBUG: Authentication type: 00, Key(ASCII): 0 0 0 0 0 0 0 0

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*Jul 31 06:22:47:534 2023 FW2 OSPF/7/DEBUG: Network mask: 255.255.255.0, Hello interval: 10,

Option: _E_.

*Jul 31 06:22:47:534 2023 FW2 OSPF/7/DEBUG: Router priority: 1, Dead Interval: 40, DR: 0.0.0.0, B

DR: 0.0.0.0.

10.5把10.10加入自己的邻居列表

[FW2-ospf-1-area-0.0.0.0]*Jul 31 06:22:49:431 2023 FW2 OSPF/7/DEBUG: OSPF 1: Receiving packets.

*Jul 31 06:22:49:431 2023 FW2 OSPF/7/DEBUG: Source address:

10.10.10.5

*Jul 31 06:22:49:431 2023 FW2 OSPF/7/DEBUG: Destination address:

224.0.0.5

*Jul 31 06:22:49:431 2023 FW2 OSPF/7/DEBUG: Version 2, Type: 1, Length:

48.

*Jul 31 06:22:49:431 2023 FW2 OSPF/7/DEBUG: Router: 10.10.10.5, Area: 0.0.0.0, Checksum: 5439

1.

*Jul 31 06:22:49:431 2023 FW2 OSPF/7/DEBUG: Authentication type: 00, Key(ASCII): 0 0 0 0 0 0 0 0

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*Jul 31 06:22:49:431 2023 FW2 OSPF/7/DEBUG: Network mask: 255.255.255.0, Hello interval: 10,

Option: _E_.

*Jul 31 06:22:49:431 2023 FW2 OSPF/7/DEBUG: Router priority: 1, Dead Interval: 40, DR: 0.0.0.0, B

DR: 0.0.0.0.

*Jul 31 06:22:49:431 2023 FW2 OSPF/7/DEBUG: Neighbor ID: **10.10.10.10.**

使用DD报文单播交互

*Jul 31 06:22:59:072 2023 FW2 OSPF/7/DEBUG: OSPF 1: Receiving packets.

***Jul 31 06:22:59:072 2023 FW2 OSPF/7/DEBUG: Source address: 10.10.10.5**

***Jul 31 06:22:59:072 2023 FW2 OSPF/7/DEBUG: Destination address:**

10.10.10.10

*Jul 31 06:22:59:072 2023 FW2 OSPF/7/DEBUG: Version 2, Type: 2, Length: 32.

*Jul 31 06:22:59:072 2023 FW2 OSPF/7/DEBUG: Router: 10.10.10.5, Area: 0.0.0.0, Checksum: 2453

1.

*Jul 31 06:22:59:072 2023 FW2 OSPF/7/DEBUG: Authentication type: 00, Key(ASCII): 0 0 0 0 0 0 0 0

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*Jul 31 06:22:59:072 2023 FW2 OSPF/7/DEBUG: MTU: 0, Option: _O_E_, R_I_M_MS Bit: _I_M_MS

_.

*Jul 31 06:22:59:072 2023 FW2 OSPF/7/DEBUG: **DD Sequence number: 17e4676.**

hello报文的广播选举DR和BDR

*Jul 31 06:22:59:072 2023 FW2 OSPF/7/DEBUG: OSPF 1: Receiving packets.

*Jul 31 06:22:59:072 2023 FW2 OSPF/7/DEBUG: Source address:

10.10.10.5

*Jul 31 06:22:59:072 2023 FW2 OSPF/7/DEBUG: Destination address:
224.0.0.5

*Jul 31 06:22:59:072 2023 FW2 OSPF/7/DEBUG: Version 2, Type: 1, Length:
48.

*Jul 31 06:22:59:072 2023 FW2 OSPF/7/DEBUG: Router: 10.10.10.5 Area: 0.0.0.0 Checksum: 4411