

## Joseph P. Marino

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**From:** Joseph P. Marino  
**Sent:** Tuesday, February 25, 2014 2:47 PM  
**To:** John Castillo  
**Cc:** MSSolve Case Email  
**Subject:** RE: [REG:11401[REDACTED]] Update

**Categories:** Microsoft

Sounds good, John. I'm currently running on version 883.10, I'll check periodically to see if the new update was pushed down to me. I'll be in touch if I see no changes.

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**From:** John Castillo [mailto:[REDACTED]@microsoft.com]  
**Sent:** Tuesday, February 25, 2014 2:27 PM  
**To:** Joseph P. Marino  
**Cc:** MSSolve Case Email  
**Subject:** RE: [REG:11401[REDACTED]] Update

Hello Joseph,

I just wanted to follow up with you in regards to the open issue you have with Microsoft Support. So it looks like the PG group will be pushing out the CLIP removal from the headers soon. They fixed it on our end and will be released on version 15.00.0898.000 – Unsure when this will be released but It's finally tested and waiting on distribution on our servers. In the meantime, I'll go ahead and archive this issue as resolved. If you happen to see no changes, Please keep me updated as we can always revisit this case. If there is any more information you need me to provide, please let me know ASAP so I can assist you. I'm also providing you a powershell command you can use to find out what version your mailboxes are currently at.

This will show you what version your mailboxes are on...

PS command: Get-mailbox |ft name,\*admind\*

CLIP IP removal was fixed in build: 15.00.0898.000

Regards,  
John Castillo  
9am – 6pm PST M-F

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**From:** "Joseph P. Marino" <jpmarino@clatix.com>  
**Sent:** Wednesday, February 12, 2014 11:18 AM  
**To:** "John Castillo" <[REDACTED]@microsoft.com>  
**Cc:** "MSSolve Case Email" <casemail@microsoft.com>  
**Subject:** [REG:11401[REDACTED]] Update

Thanks, John, for the update. I am very happy to see that they agreed to fix this issue 😊

Please let me know when the bug fix has gone live, I will help test on my end and provide feedback.

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**From:** John Castillo [[mailto: \[REDACTED\]@microsoft.com](mailto: [REDACTED]@microsoft.com)]  
**Sent:** Wednesday, February 12, 2014 2:04 PM  
**To:** Joseph P. Marino  
**Cc:** MSSolve Case Email  
**Subject:** RE: [REG:11401 [REDACTED]] Update

Hello Joseph,

Good news! The spam analyst team agreed to your concern and will work on this request. This will take a lot of man hours for coding and other technical concerns which they'll be taking this information/request offline. There is no ETA of when they will roll this out but glad it was finally approved. I guess when push comes to shove, We finally approved this concern 😊

**Bug Update:** We understand the concern and will make code changes to ensure that the customer IP is not sent out in plain text in the headers. This should address the customer concerns about privacy.

Regards,  
John Castillo  
9am – 6pm PST M-F

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**From:** "John Castillo" <[\[REDACTED\]@microsoft.com](mailto: [REDACTED]@microsoft.com)>  
**Sent:** Thursday, February 06, 2014 3:35 PM  
**To:** "Joseph P. Marino" <[jpmarino@clatix.com](mailto: jpmarino@clatix.com)>  
**Cc:** "MSSolve Case Email" <[casemail@microsoft.com](mailto: casemail@microsoft.com)>  
**Subject:** [REG:11401 [REDACTED]] Update

Thanks, apologies for the strung out thread on this. I have followed up offline. I've provided the headers and samples to the spam group which they'll be discussing with multiple people. So We should get another update by Monday. I do apologize for stringing this case along for such a while but the right resources are involved as normal. This is in line with overall FOPE\O365 positioning on the importance of privacy of our customer's data so I do thank you for pushing this topic continuously.

Regards,  
John Castillo  
9am – 6pm PST M-F

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**From:** Joseph P. Marino [<mailto: jpmarino@clatix.com>]  
**Sent:** Thursday, February 06, 2014 3:12 PM  
**To:** John Castillo  
**Cc:** MSSolve Case Email  
**Subject:** RE: [REG:11401 [REDACTED]] Update

John, resending those 3 samples below, but in this email highlighting the CLIP in each header so you folks can locate it easily

===== START GMAIL HEADER =====

Delivered-To: [REDACTED]  
Received: by 10.112.74.195 with SMTP id w3csp67508lbv;

Thu, 6 Feb 2014 14:52:13 -0800 (PST)  
X-Received: by 10.140.100.240 with SMTP id s103mr15255591qge.38.1391727086537;  
Thu, 06 Feb 2014 14:51:26 -0800 (PST)  
Return-Path: <jpmarino@clatix.com>  
Received: from na01-bn1-obe.outbound.protection.outlook.com (mail-bn1p0150.outbound.protection.outlook.com. [207.46.163.150])  
by mx.google.com with ESMTPS id j10si1907864qas.59.2014.02.06.14.51.25  
for <[REDACTED]>  
(version=TLSv1 cipher=ECDHE-RSA-AES128-SHA bits=128/128);  
Thu, 06 Feb 2014 14:51:26 -0800 (PST)  
Received-SPF: pass (google.com: domain of jpmarino@clatix.com designates 207.46.163.150 as permitted sender) client-ip=207.46.163.150;  
Authentication-Results: mx.google.com;  
spf=pass (google.com: domain of jpmarino@clatix.com designates 207.46.163.150 as permitted sender) smtp.mail=jpmarino@clatix.com  
Received: from BL2PR05MB051.namprd05.prod.outlook.com (10.255.228.151) by BL2PR05MB049.namprd05.prod.outlook.com (10.255.228.144) with Microsoft SMTP Server (TLS) id 15.0.868.8; Thu, 6 Feb 2014 22:51:24 +0000  
Received: from BL2PR05MB051.namprd05.prod.outlook.com ([169.254.6.100]) by BL2PR05MB051.namprd05.prod.outlook.com ([169.254.6.100]) with mapi id 15.00.0868.013; Thu, 6 Feb 2014 22:51:24 +0000  
From: "Joseph P. Marino" <jpmarino@clatix.com>  
To: "[REDACTED]" <[REDACTED]>  
Subject: test gmail  
Thread-Topic: test gmail  
Thread-Index: Ac8jjdUa4zUWfzECRZCP0Aa4ETwM9g==  
Date: Thu, 6 Feb 2014 22:51:23 +0000  
Message-ID: <0aec492d184a4e4f9875d2580cab8c30@BL2PR05MB051.namprd05.prod.outlook.com>  
Accept-Language: en-US  
Content-Language: en-US  
X-MS-Has-Attach:  
X-MS-TNEF-Correlator:  
x-forefront-prvs: 0114FF88F6  
x-forefront-antispam-report:  
SFV:NSPM;SFS:(10009001)(6009001)(189002)(199002)(76796001)(81816001)(83322001)(81686001)(76786001)(56776001)(87936001)(83072002)(92566001)(77096001)(46102001)(2656002)(4396001)(53806001)(95416001)(76576001)(16236675002)(54356001)(80976001)(56816005)(19580395003)(85852003)(76176001)(49866001)(76482001)(90146001)(54316002)(79102001)(47976001)(19300405004)(93136001)(564194003)(80022001)(47736001)(74876001)(221733001)(47446002)(15202345003)(74502001)(86362001)(94316002)(74662001)(65816001)(74316001)(74706001)(551214005)(81542001)(555874004)(15975445006)(50986001)(81342001)(85306002)(87266001)(51856001)(74366001)(59766001)(33646001)(77982001)(69226001)(558084003)(93516002)(31966008)(63696002)(94946001)(122373002)(24736002)(491001)(558944008)(482994005);DIR:OUT;SFP:1101;SCL:1;SRVR:BL2PR05MB049;H:BL2PR05MB051.namprd05.prod.outlook.com;CLIP:70.173.197.44;FPR:;InfoNoRecordsMX:1;A:0;LANG:fr;  
Content-Type: multipart/alternative;  
boundary="\_000\_0aec492d184a4e4f9875d2580cab8c30BL2PR05MB051namprd05pro\_"  
MIME-Version: 1.0  
X-OriginatorOrg: clatix.com

===== END Gmail HEADER =====

===== START Outlook.com HEADER SAMPLE #1 =====

x-store-  
info:J++/JTCzmObr++wNraA4Pa4f5Xd6uensKr3Klxs0yHDLkW4w2AjK7O7q3OK9hGe9FBYOFsnNBcfGf0ZXqdQP2Q0ejNuf  
WJ4fmu+zc6lb40IZ97XRY/GWZii8qqLjL3jzXDIXC97dBc=  
Authentication-Results: hotmail.com; spf=pass (sender IP is 207.46.163.188) [smtp.mailfrom=jpmarino@clatix.com](mailto:jpmarino@clatix.com);  
dkim=none header.d=clatix.com; x-hmca=pass [header.id=jpmarino@clatix.com](mailto:header.id=jpmarino@clatix.com)  
X-SID-PRA: [jpmarino@clatix.com](mailto:jpmarino@clatix.com)  
X-AUTH-Result: PASS  
X-SID-Result: PASS  
X-Message-Status: n:n  
X-Message-Delivery: Vj0xLjE7dXM9MDtsPTE7YT0xO0Q9MTtHRD0xO1NDTD0w  
X-Message-Info:  
iIOHNJf19lJHGATN8CSard07YS6vqhnNVUaFhCceuLpjdbwQ+spbGWksu7e1S8fh6wOmmTrnFNdV/OgvkXjQU+PF9FVnO6U  
yqWmWs+IYInGOG6pg007qd0p3Mv3J9EYuw9YxW8OX13mu6FNdL5LNUrglRt/AYi4wSLJPpwAlPLMcM78JoiVsy5eH1c2n  
W9gpsiwf55R9LaQQNMMZKCw7CnKccXPfGfLpZfRfBGyOQA=  
Received: from na01-bn1-obe.outbound.protection.outlook.com ([207.46.163.188]) by BAY0-MC1-F3.Bay0.hotmail.com  
with Microsoft SMTPSVC(6.0.3790.4900);  
    Thu, 6 Feb 2014 14:37:53 -0800  
Received: from BL2PR05MB051.namprd05.prod.outlook.com (10.255.228.151) by  
BL2PR05MB051.namprd05.prod.outlook.com (10.255.228.151) with Microsoft SMTP  
Server (TLS) id 15.0.868.8; Thu, 6 Feb 2014 22:37:52 +0000  
Received: from BL2PR05MB051.namprd05.prod.outlook.com ([169.254.6.100]) by  
BL2PR05MB051.namprd05.prod.outlook.com ([169.254.6.100]) with mapi id  
15.00.0868.013; Thu, 6 Feb 2014 22:37:52 +0000  
From: "Joseph P. Marino" <[jpmarino@clatix.com](mailto:jpmarino@clatix.com)>  
To: "[josephmarino@outlook.com](mailto:josephmarino@outlook.com)" <[josephmarino@outlook.com](mailto:josephmarino@outlook.com)>  
Subject: from o365 to outlook.com  
Thread-Topic: from o365 to outlook.com  
Thread-Index: Ac8ji/sZlql0pqTYQeer+bDJBxWbEQ==  
Date: Thu, 6 Feb 2014 22:37:51 +0000  
Message-ID: <[644297af587b40f99c7d30d1eb7da593@BL2PR05MB051.namprd05.prod.outlook.com](mailto:644297af587b40f99c7d30d1eb7da593@BL2PR05MB051.namprd05.prod.outlook.com)>  
Accept-Language: en-US  
Content-Language: en-US  
X-MS-Has-Attach:  
X-MS-TNEF-Correlator:  
x-forefront-prvs: 0114FF88F6  
x-forefront-antispam-report:  
SFV:NSPM;SFS:(10009001)(6009001)(189002)(199002)(19300405004)(81542001)(81342001)(76176001)(69226001)(336  
46001)(74366001)(555874004)(15202345003)(551214005)(558084003)(74316001)(49866001)(47736001)(50986001)(4  
7446002)(76786001)(47976001)(76796001)(76576001)(94316002)(90146001)(4396001)(77096001)(31966008)(809760  
01)(74502001)(74662001)(19580395003)(83322001)(65816001)(80022001)(87266001)(74706001)(83072002)(7910200  
1)(93136001)(85306002)(87936001)(92566001)(2656002)(93516002)(76482001)(81816001)(86362001)(63696002)(567  
76001)(85852003)(54316002)(95416001)(94946001)(81686001)(15975445006)(56816005)(53806001)(54356001)(4610  
2001)(51856001)(16236675002)(77982001)(74876001)(59766001)(24736002)(558944008);DIR:OUT;SFP:1101;SCL:1;SRV  
R:BL2PR05MB051;H:BL2PR05MB051.namprd05.prod.outlook.com;CLIP:70.173.197.44;FPR:;InfoNoRecordsMX:1;A:0;LAN  
G:en;  
Content-Type: multipart/alternative;  
    boundary="\_000\_644297af587b40f99c7d30d1eb7da593BL2PR05MB051namprd05pro\_"  
MIME-Version: 1.0  
X-OriginatorOrg: clatix.com  
Return-Path: [jpmarino@clatix.com](mailto:jpmarino@clatix.com)  
X-OriginalArrivalTime: 06 Feb 2014 22:37:53.0997 (UTC) FILETIME=[131B17D0:01CF238C]

===== END OUTLOOK.COM SAMPLE #1 HEADER =====

===== START OUTLOOK.COM SAMPLE #2 HEADER =====

x-store-  
info:J++/JTCzmObr++wNraA4Pa4f5Xd6uensKr3Klsxs0yGg8z7jSkXs4Sign0qX7NbtLSOJqon/f/XvbJ4gdGWQC4UCUW1o8KTz  
3XcSCU7kvVo+NhIDjAdk0USg7BxW8MkxJDOZYjih2Qg=  
Authentication-Results: hotmail.com; spf=pass (sender IP is 207.46.163.244) [smtp.mailfrom=jpmarino@clatix.com](mailto:smtp.mailfrom=jpmarino@clatix.com);  
dkim=none header.d=clatix.com; x-hmca=pass [header.id=jpmarino@clatix.com](mailto:header.id=jpmarino@clatix.com)  
X-SID-PRA: [jpmarino@clatix.com](mailto:jpmarino@clatix.com)  
X-AUTH-Result: PASS  
X-SID-Result: PASS  
X-Message-Status: n:n  
X-Message-Delivery: Vj0xLjE7dXM9MDtsPTE7YT0xO0Q9MTtHRD0xO1NDTD0w  
X-Message-Info:  
iIOHNJf19lJHGaTN8CSarah7ZjXro1I2CxH6IDp5FUKpotnBOQ0TedHM3NWh0fAPDltp9h11nNP+L/3m0T4azWwuRhmSzJDW  
cpg3H3poW64UP3dSMrRjqqSfbFpTER+qDdHKJKmEwkVp6Fx3DdT2r5IBHkC5GfEymt9GYxeYvHAuv4Fa7aHmczQp2vpvBw  
YVe6Y6TdJOMd7sTPmT/O5aSr0Sycj9fEEiidMPaoEgKQE=  
Received: from na01-by2-obe.outbound.protection.outlook.com ([207.46.163.244]) by COL0-MC3-F12.Col0.hotmail.com  
with Microsoft SMTPSVC(6.0.3790.4900);  
    Thu, 6 Feb 2014 14:42:57 -0800  
Received: from BL2PR05MB051.namprd05.prod.outlook.com (10.255.228.151) by  
BL2PR05MB050.namprd05.prod.outlook.com (10.255.228.146) with Microsoft SMTP  
Server (TLS) id 15.0.868.8; Thu, 6 Feb 2014 22:42:54 +0000  
Received: from BL2PR05MB051.namprd05.prod.outlook.com ([169.254.6.100]) by  
BL2PR05MB051.namprd05.prod.outlook.com ([169.254.6.100]) with mapi id  
15.00.0868.013; Thu, 6 Feb 2014 22:42:54 +0000  
From: "Joseph P. Marino" <[jpmarino@clatix.com](mailto:jpmarino@clatix.com)>  
To: "[josephmarino@outlook.com](mailto:josephmarino@outlook.com)" <[josephmarino@outlook.com](mailto:josephmarino@outlook.com)>  
Subject: test 2  
Thread-Topic: test 2  
Thread-Index: Ac8jjKstmi/Osrr2SciljrckryNm2w==  
Date: Thu, 6 Feb 2014 22:42:53 +0000  
Message-ID: <[ceb541f83b8f4cd5ab828d02da7022ac@BL2PR05MB051.namprd05.prod.outlook.com](mailto:ceb541f83b8f4cd5ab828d02da7022ac@BL2PR05MB051.namprd05.prod.outlook.com)>  
Accept-Language: en-US  
Content-Language: en-US  
X-MS-Has-Attach:  
X-MS-TNEF-Correlator:  
x-forefront-prvs: 0114FF88F6  
x-forefront-antispam-report:  
SFV:NSPM;SFS:(10009001)(6009001)(189002)(199002)(85306002)(93516002)(94316002)(74662001)(94946001)(863620  
01)(16236675002)(81542001)(81816001)(93136001)(69226001)(81686001)(19300405004)(56776001)(63696002)(7648  
2001)(47446002)(95416001)(31966008)(65816001)(59766001)(54356001)(80022001)(54316002)(74502001)(77982001)  
(79102001)(76786001)(76796001)(76576001)(53806001)(76176001)(51856001)(46102001)(90146001)(74366001)(5681  
6005)(81342001)(80976001)(558084003)(15202345003)(74706001)(85852003)(555874004)(33646001)(4396001)(2656  
002)(74316001)(15975445006)(74876001)(87936001)(83072002)(87266001)(49866001)(77096001)(92566001)(477360  
01)(47976001)(50986001)(19580395003)(83322001)(24736002);DIR:OUT;SFP:1101;SCL:1;SRVR:BL2PR05MB050;H:BL2P  
R05MB051.namprd05.prod.outlook.com;CLIP:70.173.197.44;FPR.;InfoNoRecordsMX:1;A:0;LANG:fr;  
Content-Type: multipart/alternative;  
    boundary="\_000\_ceb541f83b8f4cd5ab828d02da7022acBL2PR05MB051namprd05pro\_"  
MIME-Version: 1.0  
X-OriginatorOrg: clatix.com

Return-Path: [jpmarino@clatix.com](mailto:jpmarino@clatix.com)

X-OriginalArrivalTime: 06 Feb 2014 22:42:57.0370 (UTC) FILETIME=[C7EE23A0:01CF238C]

===== END OUTLOOK.COM SAMPLE HEADER #2 =====

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**From:** Joseph P. Marino  
**Sent:** Thursday, February 06, 2014 6:08 PM  
**To:** 'John Castillo'  
**Cc:** MSSolve Case Email  
**Subject:** RE: [REG:11401[REDACTED]] Update

Sure, see the below headers pasted from the emls:

===== START GMAIL HEADER =====

Delivered-To: [REDACTED]  
Received: by 10.112.74.195 with SMTP id w3csp67508lbv;  
Thu, 6 Feb 2014 14:52:13 -0800 (PST)  
X-Received: by 10.140.100.240 with SMTP id s103mr15255591qge.38.1391727086537;  
Thu, 06 Feb 2014 14:51:26 -0800 (PST)  
Return-Path: <[jpmarino@clatix.com](mailto:jpmarino@clatix.com)>  
Received: from na01-bn1-obe.outbound.protection.outlook.com (mail-bn1p0150.outbound.protection.outlook.com. [207.46.163.150])  
by mx.google.com with ESMTPS id j10si1907864qas.59.2014.02.06.14.51.25  
for <[REDACTED]>  
(version=TLSv1 cipher=ECDHE-RSA-AES128-SHA bits=128/128);  
Thu, 06 Feb 2014 14:51:26 -0800 (PST)  
Received-SPF: pass (google.com: domain of [jpmarino@clatix.com](mailto:jpmarino@clatix.com) designates 207.46.163.150 as permitted sender) client-ip=207.46.163.150;  
Authentication-Results: mx.google.com;  
spf=pass (google.com: domain of [jpmarino@clatix.com](mailto:jpmarino@clatix.com) designates 207.46.163.150 as permitted sender) smtp.mail=[jpmarino@clatix.com](mailto:jpmarino@clatix.com)  
Received: from BL2PR05MB051.namprd05.prod.outlook.com (10.255.228.151) by BL2PR05MB049.namprd05.prod.outlook.com (10.255.228.144) with Microsoft SMTP Server (TLS) id 15.0.868.8; Thu, 6 Feb 2014 22:51:24 +0000  
Received: from BL2PR05MB051.namprd05.prod.outlook.com ([169.254.6.100]) by BL2PR05MB051.namprd05.prod.outlook.com ([169.254.6.100]) with mapi id 15.00.0868.013; Thu, 6 Feb 2014 22:51:24 +0000  
From: "Joseph P. Marino" <[jpmarino@clatix.com](mailto:jpmarino@clatix.com)>  
To: "[REDACTED]" <[REDACTED]>  
Subject: test gmail  
Thread-Topic: test gmail  
Thread-Index: Ac8jjdUa4zUWfzECRZCP0Aa4ETwM9g==  
Date: Thu, 6 Feb 2014 22:51:23 +0000  
Message-ID: <[0aec492d184a4e4f9875d2580cab8c30@BL2PR05MB051.namprd05.prod.outlook.com](mailto:0aec492d184a4e4f9875d2580cab8c30@BL2PR05MB051.namprd05.prod.outlook.com)>  
Accept-Language: en-US  
Content-Language: en-US  
X-MS-Has-Attach:  
X-MS-TNEF-Correlator:  
x-forefront-prvs: 0114FF88F6

x-forefront-antispam-report:

SFV:NSPM;SFS:(10009001)(6009001)(189002)(199002)(76796001)(81816001)(83322001)(81686001)(76786001)(56776001)(87936001)(83072002)(92566001)(77096001)(46102001)(2656002)(4396001)(53806001)(95416001)(76576001)(16236675002)(54356001)(80976001)(56816005)(19580395003)(85852003)(76176001)(49866001)(76482001)(90146001)(54316002)(79102001)(47976001)(19300405004)(93136001)(564194003)(80022001)(47736001)(74876001)(221733001)(47446002)(15202345003)(74502001)(86362001)(94316002)(74662001)(65816001)(74316001)(74706001)(551214005)(81542001)(555874004)(15975445006)(50986001)(81342001)(85306002)(87266001)(51856001)(74366001)(59766001)(33646001)(77982001)(69226001)(558084003)(93516002)(31966008)(63696002)(94946001)(122373002)(24736002)(491001)(558944008)(482994005);DIR:OUT;SFP:1101;SCL:1;SRVR:BL2PR05MB049;H:BL2PR05MB051.namprd05.prod.outlook.com;CLIP:70.173.197.44;FPR:;InfoNoRecordsMX:1;A:0;LANG:fr;

Content-Type: multipart/alternative;

boundary="\_000\_0aec492d184a4e4f9875d2580cab8c30BL2PR05MB051namprd05pro\_"

MIME-Version: 1.0

X-OriginatorOrg: clatix.com

===== END GMAIL HEADER =====

===== START Outlook.com HEADER =====

x-store-

info:J++/JTCzmObr++wNraA4Pa4f5Xd6uensKr3Klxs0yHDLkW4w2Ajk7O7q3OK9hGe9FByOFSnNBcfGf0ZXqdQP2Q0ejNufWJ4fmu+zc6lb40IZ97XRY/GWZii8qqLjL3jzXDIXC97dBc=

Authentication-Results: hotmail.com; spf=pass (sender IP is 207.46.163.188) [smtp.mailfrom=jpmarino@clatix.com](mailto:smtp.mailfrom=jpmarino@clatix.com);

dkim=none header.d=clatix.com; x-hmca=pass [header.id=jpmarino@clatix.com](mailto:header.id=jpmarino@clatix.com)

X-SID-PRA: [jpmarino@clatix.com](mailto:jpmarino@clatix.com)

X-AUTH-Result: PASS

X-SID-Result: PASS

X-Message-Status: n:n

X-Message-Delivery: Vj0xLjE7dXM9MDtsPTE7YT0xO0Q9MTtHRD0xO1NDTD0w

X-Message-Info:

iIOHNJf19ljHGaN8CSard07YS6vqhnNVUaFhCceuLpjdbwQ+spbGWksu7e1S8fh6wOmmTrnFNdV/0gvkXjQU+PF9FVnO6UyqWmWs+IYInGOG6pg0O7qd0p3Mv3J9EYuw9YxW8OX13mu6FNdL5LNUrglRt/AYi4wSLJPpwAIPLMcM78JoiVsy5eH1c2nW9gpsiwf55R9LaQQNMMZKCw7CnKccXPfGfLpZfRfBGyOQA=

Received: from na01-bn1-obe.outbound.protection.outlook.com ([207.46.163.188]) by BAY0-MC1-F3.Bay0.hotmail.com with Microsoft SMTPSVC(6.0.3790.4900);

Thu, 6 Feb 2014 14:37:53 -0800

Received: from BL2PR05MB051.namprd05.prod.outlook.com (10.255.228.151) by BL2PR05MB051.namprd05.prod.outlook.com (10.255.228.151) with Microsoft SMTP Server (TLS) id 15.0.868.8; Thu, 6 Feb 2014 22:37:52 +0000

Received: from BL2PR05MB051.namprd05.prod.outlook.com ([169.254.6.100]) by BL2PR05MB051.namprd05.prod.outlook.com ([169.254.6.100]) with mapi id 15.00.0868.013; Thu, 6 Feb 2014 22:37:52 +0000

From: "Joseph P. Marino" <[jpmarino@clatix.com](mailto:jpmarino@clatix.com)>

To: "[josephmarino@outlook.com](mailto:josephmarino@outlook.com)" <[josephmarino@outlook.com](mailto:josephmarino@outlook.com)>

Subject: from o365 to outlook.com

Thread-Topic: from o365 to outlook.com

Thread-Index: Ac8ji/sZlql0pqTYQeer+bDJBxWbEQ==

Date: Thu, 6 Feb 2014 22:37:51 +0000

Message-ID: <[644297af587b40f99c7d30d1eb7da593@BL2PR05MB051.namprd05.prod.outlook.com](mailto:644297af587b40f99c7d30d1eb7da593@BL2PR05MB051.namprd05.prod.outlook.com)>

Accept-Language: en-US

Content-Language: en-US

X-MS-Has-Attach:

X-MS-TNEF-Correlator:  
x-forefront-prvs: 0114FF88F6  
x-forefront-antispam-report:  
SFV:NSPM;SFS:(10009001)(6009001)(189002)(199002)(19300405004)(81542001)(81342001)(76176001)(69226001)(33646001)(74366001)(555874004)(15202345003)(551214005)(558084003)(74316001)(49866001)(47736001)(50986001)(47446002)(76786001)(47976001)(76796001)(76576001)(94316002)(90146001)(4396001)(77096001)(31966008)(80976001)(74502001)(74662001)(19580395003)(83322001)(65816001)(80022001)(87266001)(74706001)(83072002)(79102001)(93136001)(85306002)(87936001)(92566001)(2656002)(93516002)(76482001)(81816001)(86362001)(63696002)(56776001)(85852003)(54316002)(95416001)(94946001)(81686001)(15975445006)(56816005)(53806001)(54356001)(46102001)(51856001)(16236675002)(77982001)(74876001)(59766001)(24736002)(558944008);DIR:OUT;SFP:1101;SCL:1;SRV:R:BL2PR05MB051;H:BL2PR05MB051.namprd05.prod.outlook.com;CLIP:70.173.197.44;FPR:;InfoNoRecordsMX:1;A:0;LANG:en;  
Content-Type: multipart/alternative;  
    boundary="\_000\_644297af587b40f99c7d30d1eb7da593BL2PR05MB051namprd05pro\_"  
MIME-Version: 1.0  
X-OriginatorOrg: clatix.com  
Return-Path: [jpmarino@clatix.com](mailto:jpmarino@clatix.com)  
X-OriginalArrivalTime: 06 Feb 2014 22:37:53.0997 (UTC) FILETIME=[131B17D0:01CF238C]

===== END OUTLOOK.COM SAMPLE #1 HEADER =====

===== START OUTLOOK.COM SAMPLE #2 HEADER =====

x-store-  
info:J++/JTCzmObr++wNraA4Pa4f5Xd6uensKr3KIsxs0yGg8z7jSkXs4Sign0qX7NbtLSOJqon/f/XvbJ4gdGWQC4UCUW1o8KTz3XcSCU7kvVo+NhIDjAdk0USg7BxW8MkxJDOZYjih2Qg=  
Authentication-Results: hotmail.com; spf=pass (sender IP is 207.46.163.244) [smtp.mailfrom=jpmarino@clatix.com](mailto:smtp.mailfrom=jpmarino@clatix.com); dkim=none header.d=clatix.com; x-hmca=pass [header.id=jpmarino@clatix.com](mailto:header.id=jpmarino@clatix.com)  
X-SID-PRA: [jpmarino@clatix.com](mailto:jpmarino@clatix.com)  
X-AUTH-Result: PASS  
X-SID-Result: PASS  
X-Message-Status: n:n  
X-Message-Delivery: Vj0xLjE7dXM9MDtsPTE7YT0xO0Q9MTtHRD0xO1NDTD0w  
X-Message-Info:  
iIOHNJf19ljHGaTN8CSarah7ZjXro1I2CxH6IDp5FUKpotnBOQ0TedHM3NWh0fAPDltp9h11nNP+L/3m0T4azWwuRhmSzJDWcpg3H3poW64UP3dSMrRjqqsFbFpTER+qDdHKJKmEwkVp6F3Dd2r5IBhKc5GfEymt9GYxeYvHAuv4Fa7aHmczQp2vvpBwYVe6Y6TdJOMd7sTPmT/O5aSr0Sycj9fEEiidMPaoEgKQE=  
Received: from na01-by2-obe.outbound.protection.outlook.com ([207.46.163.244]) by COL0-MC3-F12.Col0.hotmail.com with Microsoft SMTPSVC(6.0.3790.4900);  
    Thu, 6 Feb 2014 14:42:57 -0800  
Received: from BL2PR05MB051.namprd05.prod.outlook.com (10.255.228.151) by BL2PR05MB050.namprd05.prod.outlook.com (10.255.228.146) with Microsoft SMTP Server (TLS) id 15.0.868.8; Thu, 6 Feb 2014 22:42:54 +0000  
Received: from BL2PR05MB051.namprd05.prod.outlook.com ([169.254.6.100]) by BL2PR05MB051.namprd05.prod.outlook.com ([169.254.6.100]) with mapi id 15.00.0868.013; Thu, 6 Feb 2014 22:42:54 +0000  
From: "Joseph P. Marino" <[jpmarino@clatix.com](mailto:jpmarino@clatix.com)>  
To: "[josephmarino@outlook.com](mailto:josephmarino@outlook.com)" <[josephmarino@outlook.com](mailto:josephmarino@outlook.com)>  
Subject: test 2  
Thread-Topic: test 2  
Thread-Index: Ac8jjKstmi/Osrr2SciljrckryNm2w==  
Date: Thu, 6 Feb 2014 22:42:53 +0000



Message-ID: <[ceb541f83b8f4cd5ab828d02da7022ac@BL2PR05MB051.namprd05.prod.outlook.com](mailto:ceb541f83b8f4cd5ab828d02da7022ac@BL2PR05MB051.namprd05.prod.outlook.com)>  
Accept-Language: en-US  
Content-Language: en-US  
X-MS-Has-Attach:  
X-MS-TNEF-Correlator:  
x-forefront-prvs: 0114FF88F6  
x-forefront-antispam-report:  
SFV:NSPM;SFS:(10009001)(6009001)(189002)(199002)(85306002)(93516002)(94316002)(74662001)(94946001)(86362001)(16236675002)(81542001)(81816001)(93136001)(69226001)(81686001)(19300405004)(56776001)(63696002)(76482001)(47446002)(95416001)(31966008)(65816001)(59766001)(54356001)(80022001)(54316002)(74502001)(77982001)(79102001)(76786001)(76796001)(76576001)(53806001)(76176001)(51856001)(46102001)(90146001)(74366001)(56816005)(81342001)(80976001)(558084003)(15202345003)(74706001)(85852003)(555874004)(33646001)(4396001)(2656002)(74316001)(15975445006)(74876001)(87936001)(83072002)(87266001)(49866001)(77096001)(92566001)(47736001)(47976001)(50986001)(19580395003)(83322001)(24736002);DIR:OUT;SFP:1101;SCL:1;SRVR:BL2PR05MB050;H:BL2PR05MB051.namprd05.prod.outlook.com;CLIP:70.173.197.44;FPR:;InfoNoRecordsMX:1;A:0;LANG:fr;  
Content-Type: multipart/alternative;  
    boundary="\_000\_ceb541f83b8f4cd5ab828d02da7022acBL2PR05MB051namprd05pro\_"  
MIME-Version: 1.0  
X-OriginatorOrg: clatix.com  
Return-Path: [jpmarino@clatix.com](mailto:jpmarino@clatix.com)  
X-OriginalArrivalTime: 06 Feb 2014 22:42:57.0370 (UTC) FILETIME=[C7EE23A0:01CF238C]

===== END OUTLOOK.COM SAMPLE HEADER #2 =====

---

**From:** John Castillo [[mailto: \[REDACTED\]@microsoft.com](mailto: [REDACTED]@microsoft.com)]  
**Sent:** Thursday, February 06, 2014 6:03 PM  
**To:** Joseph P. Marino  
**Cc:** MSSolve Case Email  
**Subject:** RE: [REG:11401 [REDACTED]] Update

Disregard,

I only see them in the PDFs for the CLIP information. Unsure what happened on the emls. You able to paste those headers into the body of an email so we can add those too.

JC

---

**From:** Joseph P. Marino [<mailto:jpmarino@clatix.com>]  
**Sent:** Thursday, February 06, 2014 2:55 PM  
**To:** John Castillo  
**Cc:** MSSolve Case Email  
**Subject:** RE: [REG:11401 [REDACTED]] Update

John,

Attached find 5 samples, 3 emls and 2 pdfs are enclosed.

---

**From:** John Castillo [[mailto: \[REDACTED\]@microsoft.com](mailto: [REDACTED]@microsoft.com)]  
**Sent:** Thursday, February 06, 2014 1:23 PM  
**To:** Joseph P. Marino

**Cc:** MSSolve Case Email  
**Subject:** RE: [REG:11401[REDACTED]] Update

Hello Joseph,

Can you please provide a few email headers so the spam team can review this offline. Please also attach the emls from the RCPT end too. Perhaps you can send out 6 email samples to some external account like Hotmail or yahoo. They will need to take more time to discuss based on the information you provided.

Thanks  
John Castillo

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**From:** Joseph P. Marino [<mailto:jpmarino@clatix.com>]  
**Sent:** Wednesday, February 05, 2014 1:06 PM  
**To:** John Castillo  
**Cc:** MSSolve Case Email  
**Subject:** RE: [REG:11401[REDACTED]] Update

John,

Here's a copy of that original header again. Notice the WAN IP (70.173.197.44) is not disclosed in any part of the header except for the CLIP portion of the forefront anti-spam report header.

x-store-  
info:J++/JTCzmObr++wNraA4Pa4f5Xd6uensQJC2BkPgIKlzJU1LtSfnbOKzXfuJPIOg7x2TM/SzvyoFxmN0qGTW6SEVtDGylW  
FPs+TdDJMdXG1zimDlinYMVcrXZn59cxh13aBF8QjvGr1R8xAN88F1g==  
Authentication-Results: hotmail.com; spf=pass (sender IP is 207.46.163.211) [smtp.mailfrom=jpmarino@clatix.com](mailto:smtp.mailfrom=jpmarino@clatix.com);  
dkim=none header.d=clatix.com; x-hmca=pass [header.id=jpmarino@clatix.com](mailto:header.id=jpmarino@clatix.com)  
X-SID-PRA: [jpmarino@clatix.com](mailto:jpmarino@clatix.com)  
X-AUTH-Result: PASS  
X-SID-Result: PASS  
X-Message-Status: n:n  
X-Message-Delivery: Vj0xLjE7dXM9MDtsPTE7YT0xO0Q9MTtHRD0xO1NDTD0w  
X-Message-Info:  
iIOHNJf19ljHGaTN8CSarb1g7X4icLI01EZZ5noCYjWJ/EbNct2OXO4L/Hxe0P/kw66kgThibYjRNZTgKHTR3ihq0QoioJKR9waxc  
G1r1g3y+42LK4cDz65o01xCpXe8OBkMePiOx4JE2Mj+vw3BPceOD3dYitlt5VpBYN6hWspRukJsXxFPk9aMnewqVyZdlh+TYJK  
EUJiXfQs2GuQiUgndoYf4Dyj9+ayA5IUOfgs=  
Received: from na01-bl2-obe.outbound.protection.outlook.com ([207.46.163.211]) by COL0-MC4-F33.Col0.hotmail.com  
with Microsoft SMTPSVC(6.0.3790.4900);  
Tue, 28 Jan 2014 12:25:27 -0800  
Received: from BL2PR05MB051.namprd05.prod.outlook.com (10.255.228.151) by  
BL2PR05MB051.namprd05.prod.outlook.com (10.255.228.151) with Microsoft SMTP  
Server (TLS) id 15.0.859.15; Tue, 28 Jan 2014 20:25:24 +0000  
Received: from BL2PR05MB051.namprd05.prod.outlook.com ([169.254.6.183]) by  
BL2PR05MB051.namprd05.prod.outlook.com ([169.254.6.183]) with mapi id  
15.00.0859.020; Tue, 28 Jan 2014 20:25:24 +0000  
From: "Joseph P. Marino" <[jpmarino@clatix.com](mailto:jpmarino@clatix.com)>  
To: "[josephmarino@outlook.com](mailto:josephmarino@outlook.com)" <[josephmarino@outlook.com](mailto:josephmarino@outlook.com)>  
Subject: test  
Thread-Topic: test  
Thread-Index: Ac8cZwrOoW6PWmKiSdivDwPMD/tolA==  
Date: Tue, 28 Jan 2014 20:25:23 +0000

Message-ID: <[de8f474d4f624b8ca61d06823f2607ad@BL2PR05MB051.namprd05.prod.outlook.com](mailto:de8f474d4f624b8ca61d06823f2607ad@BL2PR05MB051.namprd05.prod.outlook.com)>  
Accept-Language: en-US  
Content-Language: en-US  
X-MS-Has-Attach:  
X-MS-TNEF-Correlator:  
x-forefront-prvs: 0105DAA385  
x-forefront-antispam-report:  
SFV:NSPM;SFS:(10009001)(6009001)(199002)(189002)(77096001)(56816005)(90146001)(76482001)(46102001)(80976001)(33646001)(19300405004)(56776001)(551214005)(93136001)(54316002)(94316002)(81542001)(16236675002)(558084003)(79102001)(15202345003)(63696002)(76786001)(74366001)(76796001)(87936001)(87266001)(59766001)(77982001)(85852003)(4396001)(85306002)(2656002)(76176001)(93516002)(86362001)(221733001)(69226001)(76576001)(47446002)(74502001)(74662001)(31966008)(83072002)(54356001)(555874004)(53806001)(83322001)(51856001)(74316001)(81342001)(19580395003)(47736001)(81816001)(50986001)(80022001)(74876001)(15975445006)(65816001)(92566001)(49866001)(81686001)(74706001)(47976001)(24736002)(217283001)(220243001)(558944008);DIR:OUT;SFP:101;SCL:1;SRVR:BL2PR05MB051;H:BL2PR05MB051.namprd05.prod.outlook.com;CLIP:70.173.197.44;FPR;;InfoNoRecord sA:0;MX:1;LANG:fr;  
Content-Type: multipart/alternative;  
    boundary="\_000\_de8f474d4f624b8ca61d06823f2607adBL2PR05MB051namprd05pro\_"  
MIME-Version: 1.0  
X-OriginatorOrg: clatix.com  
Return-Path: [jpmarino@clatix.com](mailto:jpmarino@clatix.com)  
X-OriginalArrivalTime: 28 Jan 2014 20:25:27.0050 (UTC) FILETIME=[14A376A0:01CF1C67]

---

**From:** Joseph P. Marino  
**Sent:** Wednesday, February 05, 2014 3:58 PM  
**To:** 'John Castillo'  
**Cc:** MSSolve Case Email  
**Subject:** RE: [REG:11401[REDACTED]] Update

No, the public facing WAN address is never disclosed in the Received headers. In the original example header I gave you you'll notice that the WAN address (Cox ISP IP 70 . 173 . 197 . 44) is never disclosed in the received headers. It is only being disclosed in the "x-forefront-anti-spam-report".

---

**From:** John Castillo [[mailto:\[REDACTED\]@microsoft.com](mailto:[REDACTED]@microsoft.com)]  
**Sent:** Wednesday, February 05, 2014 3:52 PM  
**To:** Joseph P. Marino  
**Cc:** MSSolve Case Email  
**Subject:** RE: [REG:11401[REDACTED]] Update

Is this IP not in fact already being exposed in a Received: header?  
If so ...??

jC

---

**From:** Joseph P. Marino [<mailto:jpmarino@clatix.com>]  
**Sent:** Wednesday, February 05, 2014 12:18 PM  
**To:** John Castillo  
**Cc:** MSSolve Case Email  
**Subject:** RE: [REG:11401[REDACTED]] Update

John,

There seems to be a misinterpretation of what IP is being disclosed, the CIP is disclosing our public facing WAN address. That is the problem, our WAN IP is being disclosed, I would not care if 192.168.42.104 etc is being disclosed you can't DDoS that.

---

**From:** John Castillo [[mailto:\[REDACTED\]@microsoft.com](mailto:[REDACTED]@microsoft.com)]

**Sent:** Wednesday, February 05, 2014 3:11 PM

**To:** Joseph P. Marino

**Cc:** MSSolve Case Email

**Subject:** RE: [REG:11401[REDACTED]] Update

Hello Joseph,

Here is the problem with this request from the Spam team. Unless they've completely misinterpreted: You saying that your internal Local Area Network IPs are being disclosed, as in **non-public facing corporate LAN resources**.

These would be RFC-1918 non-routable IP addresses within your (internal) LAN. The CIP discloses the **public facing (i.e. Wide Area Network, or WAN) IP address**. This is discoverable by a script, and will normally be subject to at least one exploit probe per minute. Hiding the WAN address would serve no useful purpose whatsoever.

Is there any evidence that your internal IPs (e.g. 192.168.42.104 or 10.6.10.90) are being leaked? And if so, why would that be a worry? If a hostile party now has access to your LAN, it doesn't **need** an intercepted email sent to someone to discover vital internal resources. The compromised machine on the LAN already will know all of that stuff. Out of 1,000,000 compromises, I would estimate that a maximum of **one** might use an intercepted email's headers to determine what to attack.

Regards,  
John Castillo

---

**From:** Joseph P. Marino [<mailto:jpmarino@clatix.com>]

**Sent:** Wednesday, February 05, 2014 6:53 AM

**To:** John Castillo

**Subject:** RE: [REG:11401[REDACTED]] Re: SRXCAP:61401[REDACTED] ID TA PAPANT | MFPWEB | EST | Removal of IP address from forefront e-mail headers

John,

Also, I forgot to mention, maybe it would be easier for you folks to make the O365 servers apply what is being done with the CLIP on Outlook.com servers. Further testing from my end shows that when sending an e-mail via an Outlook.com account the CLIP is not the corporate LAN IP; the CLIP injected is Microsoft's mail server IP. See headers below for **(CLIP:65.55.34.81):**

Received: from BL2PR05MB050.namprd05.prod.outlook.com (10.255.228.146) by BL2PR05MB051.namprd05.prod.outlook.com (10.255.228.151) with Microsoft SMTP Server (TLS) id 15.0.868.8 via Mailbox Transport; Wed, 5 Feb 2014 14:49:19 +0000

Received: from CO2PR05CA007.namprd05.prod.outlook.com (10.141.194.155) by BL2PR05MB050.namprd05.prod.outlook.com (10.255.228.146) with Microsoft SMTP Server (TLS) id 15.0.868.8; Wed, 5 Feb 2014 14:49:17 +0000

Received: from BN1BFFO11FD010.protection.gbl (2a01:111:f400:7c10::1:113) by CO2PR05CA007.outlook.office365.com (2a01:111:e400:1414::27) with Microsoft SMTP Server (TLS) id 15.0.868.8 via Frontend Transport; Wed, 5 Feb 2014 14:49:15 +0000

Received: from col0-omc2-s7.col0.hotmail.com (65.55.34.81) by BN1BFFO11FD010.mail.protection.outlook.com (10.58.144.73) with Microsoft SMTP Server id 15.0.856.14 via Frontend Transport; Wed, 5 Feb 2014 14:49:15 +0000

Received: from COL401-EAS254 ([65.55.34.73]) by col0-omc2-s7.col0.hotmail.com with Microsoft SMTPSVC(6.0.3790.4675); Wed, 5 Feb 2014 06:49:15 -0800  
X-TMN: [x6L7as/0ltRvIWB1rtM8AOP1+OXo0WUub]

X-Originating-Email: [josephmarino@outlook.com]

Message-ID: <COL401-EAS25462DFB692FE8F7A5BFE74C1950@phx.gbl>

Return-Path: [josephmarino@outlook.com](mailto:josephmarino@outlook.com)

From: "Joseph P. Marino" <[josephmarino@outlook.com](mailto:josephmarino@outlook.com)>

To: "Joseph P. Marino" <[jpmarino@clatix.com](mailto:jpmarino@clatix.com)>

Subject: test from outlook.com

Date: Wed, 5 Feb 2014 09:48:41 -0500

MIME-Version: 1.0

Content-Type: multipart/alternative;  
boundary="----=\_NextPart\_000\_0016\_01CF2257.73F8AD50"

X-Mailer: Microsoft Outlook 15.0

Thread-Index: Ac8igVkk4EmeVuztRZeziQ0q+dZ8Dg==

Content-Language: en-us

X-OriginalArrivalTime: 05 Feb 2014 14:49:15.0351 (UTC) FILETIME=[70AC7670:01CF2281]

X-EOPAttributedMessage: 0

X-MS-Exchange-Organization-MessageDirectionality: Incoming

X-Forefront-Antispam-Report: CIP:65.55.34.81;CTRY:US;IPV:NLI;EFV:NLI;SFV:SFE;SFS:;DIR:INB;SFP:;SCL:-1;SRVR:BL2PR05MB050;H:col0-omc2-s7.col0.hotmail.com;CLIP:65.55.34.81;FPR:;LANG:fr;

X-MS-Exchange-Organization-Network-Message-Id: 736751ce-61f3-4d0d-5a96-08d0f0989466

X-MS-Exchange-Organization-AVStamp-Service: 1.0

X-MS-Exchange-Organization-SCL: -1

X-MS-Exchange-Organization-AuthSource: BN1BFFO11FD010.protection.gbl

X-MS-Exchange-Organization-AuthAs: Anonymous

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**From:** Joseph P. Marino

**Sent:** Wednesday, February 05, 2014 9:34 AM

**To:** [REDACTED]@microsoft.com

**Subject:** Re: [REG:11401[REDACTED]] Re: SRXCAP:61401[REDACTED] ID TA PAPANT | MFPWEB | EST | Removal of IP address from forefront e-mail headers

John,

One serious risk that comes to mind that is easy to envision is the increased risk of non-public facing corporate LAN resources becoming a target of a DDoS attack easier. Having the client IP (CLIP) disclosed in every external outbound e-mail puts the corporate LAN at a greater risk of being DDoS'd.

Of course, not disclosing the IP in all outbound e-mails won't solely stop DDoS attacks. But not disclosing the CLIP is certainly a simple first step to making it more difficult for attackers to find the IP of core resources to attack.

Many mid-sized organizations do not deploy sufficient resources in house to deal with DDoS attacks, it's cheaper to try to avoid them from happening. For example, it's more cost effective to outsource public facing resources such as web, exchange and DNS servers to a hosting/cloud provider such as Microsoft who have the ability to absorb these attacks.

Every high volume hosted e-mail provider omits the CLIP from all outbound headers, I believe mostly due to this reason, to protect users from attacks that only require that the attacker know the CLIP. Outlook.com, Gmail, and enterprise grade exchange hosted solutions from Rackspace omit the CLIP as well. Office 365 should be no different, you folks are very large now.

Ultimately, let me know what you folks decide on.

---

**From:** John Castillo <[REDACTED]@microsoft.com>  
**Sent:** Tuesday, February 04, 2014 11:30:38 PM  
**To:** Joseph P. Marino  
**Cc:** MSSolve Case Email  
**Subject:** RE: [REG:11401[REDACTED]] Re: SRXCAP:61401[REDACTED] ID TA PAPANT | MFPWEB | EST | Removal of IP address from forefront e-mail headers

Hello Joseph,

It sounds like the NOC team will not be fixing this matter. Unless you can propose a credible threat scenario, there really is not a problem to be solved here, since there's much greater danger from random script drivers probing networks than from a recipient of their outgoing email seeing the Cox IP. Crafting a solution that would not impose serious burdens on those doing forensics is not likely to be cheap.

Can you please provide a specific threat scenario or concern you have to make this request? They would like to know more about the your problem to get to the bottom of the problem.

Regards,  
John Castillo

---

**From:** Joseph P. Marino [<mailto:jpmarino@clatix.com>]  
**Sent:** Tuesday, February 04, 2014 5:14 PM  
**To:** John Castillo  
**Cc:** MSSolve Case Email  
**Subject:** Re: [REG:114012411129933] Re: SRXCAP:61401[REDACTED] ID TA PAPANT | MFPWEB | EST | Removal of IP address from forefront e-mail headers

Thanks for the update, John.

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**From:** John Castillo <[REDACTED]@microsoft.com>  
**Sent:** Tuesday, February 04, 2014 8:09:12 PM  
**To:** Joseph P. Marino  
**Cc:** MSSolve Case Email  
**Subject:** RE: [REG:11401[REDACTED]] Re: SRXCAP:61401[REDACTED] ID TA PAPANT | MFPWEB | EST | Removal of IP address from forefront e-mail headers

Hello Joseph,

I wanted to give you heads up that this request is still pending and continue to be a big discussion within the PM team. They are figuring ways on how to accomplish such tasks so I do apologize for such a long delay. This is definitely not an easy request but now we go the ball rolling once the DCR was submitted on my end. I'll continue to send you updates as they occur.

Regards,  
John Castillo  
9am – 6pm PST M-F

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**From:** "Joseph P. Marino" <[jpmarino@clatix.com](mailto:jpmarino@clatix.com)>  
**Sent:** Wednesday, January 29, 2014 4:44 PM  
**To:** "John Castillo" <[REDACTED]@microsoft.com>  
**Cc:** "MSSolve Case Email" <[casemail@microsoft.com](mailto:casemail@microsoft.com)>  
**Subject:** [REG:11401[REDACTED]] Re: SRXCAP:61401[REDACTED] ID TA PAPANT | MFPWEB | EST | Removal of IP address from forefront e-mail headers

OK; Thanks for the update, John.

---

**From:** John Castillo [[mailto:\[REDACTED\]@microsoft.com](mailto:[REDACTED]@microsoft.com)]  
**Sent:** Wednesday, January 29, 2014 7:40 PM  
**To:** Joseph P. Marino  
**Cc:** MSSolve Case Email  
**Subject:** RE: [REG:11401[REDACTED]] Re: SRXCAP:61401[REDACTED] ID TA PAPANT | MFPWEB | EST | Removal of IP address from forefront e-mail headers

Hello Joseph,

I just wanted to give you the latest update regarding the DCR bug I submitted yesterday to my PG group. The bug is currently active and in discussion with the right resources. I'll let you know the outcome once they concluded their findings. Thanks for your patience.

Regards,  
John Castillo  
9am – 6pm PST M-F

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**From:** "John Castillo" <[REDACTED]@microsoft.com>  
**Sent:** Tuesday, January 28, 2014 2:32 PM  
**To:** "Joseph P. Marino" <[jpmarino@clatix.com](mailto:jpmarino@clatix.com)>  
**Cc:** "MSSolve Case Email" <[casemail@microsoft.com](mailto:casemail@microsoft.com)>  
**Subject:** [REG:11401[REDACTED]] Re: SRXCAP:61401[REDACTED] ID TA PAPANT | MFPWEB | EST | Removal of IP address from forefront e-mail headers

Hello Joseph,

I do apologize for the mix up. I meant to say is I'll be submitting a DCR to the spam team for this request. I'll provide any updates as they occur.

Regards,  
John Castillo

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**From:** Joseph P. Marino [<mailto:jpmarino@clatix.com>]  
**Sent:** Tuesday, January 28, 2014 12:52 PM  
**To:** John Castillo  
**Cc:** MSSolve Case Email  
**Subject:** Re: [REG:11401[REDACTED]] Re: SRXCAP:61401[REDACTED] ID TA PAPANT | MFPWEB | EST | Removal of IP address from forefront e-mail headers

Thanks, John.

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**From:** John Castillo <[REDACTED]@microsoft.com>

**Sent:** Tuesday, January 28, 2014 3:50:17 PM

**To:** Joseph P. Marino

**Cc:** MSSolve Case Email

**Subject:** RE: [REG:11401[REDACTED]] Re: SRXCAP:61401[REDACTED] ID TA PAPANT | MFPWEB | EST | Removal of IP address from forefront e-mail headers

Hey Joseph,

Thanks for the clarification. I'll be submitting a RFC bug regarding this matter to my PG group. Hopefully someone can provide some insights to this request regarding the Client IP addresses appended to the email headers for EOP\Office365. I'll let you know the outcome when the bug is updated.

Regards,

John Castillo

9am – 6pm PST M-F

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**From:** Joseph P. Marino [<mailto:jpmarino@clatix.com>]

**Sent:** Tuesday, January 28, 2014 12:33 PM

**To:** John Castillo

**Subject:** RE: [REG:11401[REDACTED]] Re: SRXCAP:61401[REDACTED] ID TA PAPANT | MFPWEB | EST | Removal of IP address from forefront e-mail headers

John,

Here is a sample header of an e-mail I sent to an e-mail address I have outside of our organization:

Notice below highlighted in yellow and in bold our LAN IP is disclosed in the fore-front-antispam-report header (**70.173.197.44**). I am not sure why you folks include this in all outbound e-mails. Most mail server setups exclude this, our internal exchange servers that are not hosted at Microsoft suppress this information. For an example of a Microsoft hosted solution that does not include the client IP in all outbound e-mails there is Outlook.com. I am not sure why you folks are doing this for corporate/enterprise customers hosted on Office 365 plans.

x-store-

info:J++/JTCzmObr++wNraA4Pa4f5Xd6uensQJC2BkPgKlZJU1LtSfnbOKzXfuJPIOG7x2TM/SzvzyoFxmN0qGTW6SEvtDGylW  
FPs+TdDJMdXG1zimDlInYMVcrXZn59cxh13aBF8QjvGr1R8xAN88F1g==

Authentication-Results: hotmail.com; spf=pass (sender IP is 207.46.163.211) [smtp.mailfrom=jpmarino@clatix.com](mailto:smtp.mailfrom=jpmarino@clatix.com);

dkim=none header.d=clatix.com; x-hmca=pass [header.id=jpmarino@clatix.com](mailto:header.id=jpmarino@clatix.com)

X-SID-PRA: [jpmarino@clatix.com](mailto:jpmarino@clatix.com)

X-AUTH-Result: PASS

X-SID-Result: PASS

X-Message-Status: n:n

X-Message-Delivery: Vj0xLjE7dXM9MDtsPTE7YT0xO0Q9MTtHRD0xO1NDTD0w

X-Message-Info:

iIOHNJf19ljHGaN8CSarb1g7X4icLI01EZZ5noCYjWJ/EbNct2OXO4L/Hxe0P/kw66kgThibYjRNZTgKHTR3ihq0QoioJKR9waxc  
G1r1g3y+42LK4cDz65o01xCpXe8OBkMePiOx4JE2Mj+vw3BPceOD3dYitlt5VpBYN6hWspRukJsXxFPk9aMnewqVyzdlh+TYJK  
EUJiXfQs2GuQiUgndoYf4Dyj9+ayA5IUOfgs=

Received: from na01-bl2-obe.outbound.protection.outlook.com ([207.46.163.211]) by COLO-MC4-F33.Colo.hotmail.com  
with Microsoft SMTPSVC(6.0.3790.4900);

Tue, 28 Jan 2014 12:25:27 -0800



Received: from BL2PR05MB051.namprd05.prod.outlook.com (10.255.228.151) by BL2PR05MB051.namprd05.prod.outlook.com (10.255.228.151) with Microsoft SMTP Server (TLS) id 15.0.859.15; Tue, 28 Jan 2014 20:25:24 +0000  
Received: from BL2PR05MB051.namprd05.prod.outlook.com ([169.254.6.183]) by BL2PR05MB051.namprd05.prod.outlook.com ([169.254.6.183]) with mapi id 15.00.0859.020; Tue, 28 Jan 2014 20:25:24 +0000  
From: "Joseph P. Marino" <[jpmarino@clatix.com](mailto:jpmarino@clatix.com)>  
To: "[josephmarino@outlook.com](mailto:josephmarino@outlook.com)" <[josephmarino@outlook.com](mailto:josephmarino@outlook.com)>  
Subject: test  
Thread-Topic: test  
Thread-Index: Ac8cZwrOoW6PWmKiSdivDwPMd/tolA==  
Date: Tue, 28 Jan 2014 20:25:23 +0000  
Message-ID: <[de8f474d4f624b8ca61d06823f2607ad@BL2PR05MB051.namprd05.prod.outlook.com](mailto:de8f474d4f624b8ca61d06823f2607ad@BL2PR05MB051.namprd05.prod.outlook.com)>  
Accept-Language: en-US  
Content-Language: en-US  
X-MS-Has-Attach:  
X-MS-TNEF-Correlator:  
x-forefront-prvs: 0105DAA385  
x-forefront-antispam-report:  
SFV:NSPM;SFS:(10009001)(6009001)(199002)(189002)(77096001)(56816005)(90146001)(76482001)(46102001)(80976001)(33646001)(19300405004)(56776001)(551214005)(93136001)(54316002)(94316002)(81542001)(16236675002)(558084003)(79102001)(15202345003)(63696002)(76786001)(74366001)(76796001)(87936001)(87266001)(59766001)(77982001)(85852003)(4396001)(85306002)(2656002)(76176001)(93516002)(86362001)(221733001)(69226001)(76576001)(47446002)(74502001)(74662001)(31966008)(83072002)(54356001)(555874004)(53806001)(83322001)(51856001)(74316001)(81342001)(19580395003)(47736001)(81816001)(50986001)(80022001)(74876001)(15975445006)(65816001)(92566001)(49866001)(81686001)(74706001)(47976001)(24736002)(217283001)(220243001)(558944008);DIR:OUT;SFP:101;SCL:1;SRVR:BL2PR05MB051;H:BL2PR05MB051.namprd05.prod.outlook.com;CLIP:70.173.197.44;FPR:;InfoNoRecord sA:0;MX:1;LANG:fr;  
Content-Type: multipart/alternative;  
    boundary="\_000\_de8f474d4f624b8ca61d06823f2607adBL2PR05MB051namprd05pro\_"  
MIME-Version: 1.0  
X-OriginatorOrg: clatix.com  
Return-Path: [jpmarino@clatix.com](mailto:jpmarino@clatix.com)  
X-OriginalArrivalTime: 28 Jan 2014 20:25:27.0050 (UTC) FILETIME=[14A376A0:01CF1C67]

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**From:** Joseph P. Marino  
**Sent:** Tuesday, January 28, 2014 3:20 PM  
**To:** John Castillo  
**Subject:** Re: [REG:11401 [REDACTED]] Re: SRXCAP:61401 [REDACTED] ID TA PAPANT | MFPWEB | EST | Removal of IP address from forefront e-mail headers

Our issue is Microsoft is disclosing our corporate LAN IP to the open world on all outbound e-mails send outside of our organization. This is a security risk on our end and would like to have our corporate LAN IP not to be disclosed in all outbound emails.

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**From:** Joseph P. Marino  
**Sent:** Tuesday, January 28, 2014 3:19:09 PM  
**To:** John Castillo  
**Subject:** Re: [REG:11401 [REDACTED]] Re: SRXCAP:61401 [REDACTED] ID TA PAPANT | MFPWEB | EST | Removal of IP address from forefront e-mail headers

My request is not to remove the Microsoft's IP, but to remove the IP of the machine that sent the e-mail, which is the client IP. In the header it is tagged as "CLIP" which I am guessing stands for client IP.

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**From:** John Castillo <[REDACTED]@microsoft.com>  
**Sent:** Tuesday, January 28, 2014 3:05:07 PM  
**To:** Joseph P. Marino  
**Cc:** MSSolve Case Email  
**Subject:** RE: [REG:11401[REDACTED]] Re: SRXCAP:61401[REDACTED] ID TA PAPANT | MFPWEB | EST | Removal of IP address from forefront e-mail headers

Hello Joseph,

In regards to this request, As I mentioned from my previous email – This isn't possible. By design, We'll include the Microsoft IP addresses into every email header. Was there a reason for such request? There's a lot of factors come into play for such a design and security for adding the IPs into the message headers. If there is any more information you need me to provide, please let me know ASAP so I can assist you.

Regards,  
John Castillo  
9am – 6pm PST M-F

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**From:** "Joseph P. Marino" <jpmarino@clatix.com>  
**Sent:** Tuesday, January 28, 2014 11:02 AM  
**To:** "John Castillo" <[REDACTED]@microsoft.com>  
**Cc:** "MSSolve Case Email" <casemail@microsoft.com>  
**Subject:** [REG:11401[REDACTED]] Re: SRXCAP:61401[REDACTED] ID TA PAPANT | MFPWEB | EST | Removal of IP address from forefront e-mail headers

Thanks for the note, John. I agree with the scope, let me know when you've found a solution and/or if you need any information from my end to aid in coming to a resolution.

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**From:** John Castillo <[REDACTED]@microsoft.com>  
**Sent:** Tuesday, January 28, 2014 1:43:44 PM  
**To:** Joseph P. Marino  
**Cc:** MSSolve Case Email  
**Subject:** [REG:11401[REDACTED]] SRXCAP:61401[REDACTED] ID TA PAPANT | MFPWEB | EST | Removal of IP address from forefront e-mail headers

Hello Joseph Marino,

As discussed, I am providing you a copy of our scope agreement for your issue.

Issue Definition: Removal of IP address from forefront e-mail headers

Scope Agreement: Based on this request, This is NOT possible based on by design

We will now begin working together to resolve your issue. If you do not agree with the scope defined above, or would like to amend it, please let me know as soon as possible. If you have any questions or concerns, please don't hesitate to contact me.

Best Regards,

John Castillo  
9am – 6pm PST M-F

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Microsoft is committed to protecting your privacy. Please read the [Microsoft Privacy Statement](#) for more information.

The above is an email for a support case from Microsoft Corp.

REPLY ALL TO THIS MESSAGE or INCLUDE [casemail@microsoft.com](mailto:casemail@microsoft.com) IN YOUR REPLY if you want your response added to the case automatically. For technical assistance, please include the Support Engineer on the TO: line.

Thank you.