

Ports 902 and 905 ...



This thread is locked [jasonboche](#) 5,896 posts since

Jan 7, 2004 I've been capturing Virtual Infrastructure Client <--> VirtualCenter Server <--> ESX Server <--> Virtual Infrastructure Client network traffic lately to monitor the use of port 905 and I'm not seeing that port 905 is being used any longer for VirtualCenter or VIC communication of any sort. Port 902 seems to be used throughout, with the general exception of license server and Tomcat traffic.

In the VirtualCenter 1.x days, both ports 902 and 905 were used. One port was used exclusively for VC Client communication to VC Server, and the other port was used for VC Server communication to ESX Server. Port 902 was also used solely for VMware Remote Console connectivity to the ESX server.

The reason why I was checking is because I've read some conflicting V13 documentation on which ports are used, so I wanted to find out to be sure.

What do you know to be true?

Jas



[BrianG](#) 3,670 posts since

Oct 31, 2005 **1. Re: Ports 902 and 905** Apr 9, 2007 5:00 PM

It is all 902 by default now

I apologize port 903 for VM Console Access

Message was edited by:

BrianG



[Rob.Bohmann](#) 583 posts since

May 31, 2005 **2. Re: Ports 902 and 905** Apr 9, 2007 4:57 PM

So we don't need to open 903 for the remote console?

According to the server config guide (p.188)

903 Remote console traffic generated by user access to virtual machines on a specific ESX Server host.

Use Port 903 for the following:

! VI Client access to virtual machine consoles.

! VI Web Access Client access to virtual machine consoles.

Incoming TCP

Message was edited by:

Rob.Bohmann

Ports 902 and 905 ...



[BrianG](#) 3,670 posts since

Oct 31, 2005 3. **Re: Ports 902 and 905** Apr 9, 2007 5:04 PM

in response to: [BrianG](#) 22. ssh access to service console.

80. HTTP access to web servers.

443. HTTPS SSL access to web servers for VI Web Access.

902. VI Client access to ESX Server or VirtualCenter, and communication between VirtualCenter and ESX Server hosts or between hosts.

903. VM Console access via VI Client or VI Web Access.

2049. Connection to NFS storage devices.

2050-5000, and 8042-8045. Traffic between ESX Server hosts for VMware HA (also utilizes EMC Automated Availability Manager).

3260. Connection to iSCSI storage devices.

8000. Incoming requests from VMotion.

8083. VirtualCenter diagnostics port.

8086. Apache Tomcat web server admin on VirtualCenter Server

27000. License transactions from ESX Server to the License Server.

27010. License transactions from the License Server.



[jasonboche](#) 5,896 posts since

Jan 7, 2004 4. **Re: Ports 902 and 905** Apr 9, 2007 5:37 PM

in response to: [BrianG](#) Ok, the next step is to hunt down this documentation that is still spouting about port 905 and get it fixed.



[jasonboche](#) 5,896 posts since

Jan 7, 2004 5. **Re: Ports 902 and 905** Apr 14, 2007 2:14 PM

I came across this very helpful diagram. See attachment.

Attachments:




[VI3 ports.jpg](#) (30.7 K)



[jasonboche](#) 5,896 posts since



Jan 7, 2004 6. **Re: Ports 902 and 905** Jan 8, 2008 5:46 PM

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 in response to: [jasonboche](#) I've updated the diagrams for VI3.5. Hopefully I got all the changes. I'm going to try and post as a document also.

Jason Boche

VMware Communities User Moderator **Attachments:**

-  [VI3 ports.jpg](#) (43.8 K)
-  [VI3.5 ports.jpg](#) (37.8 K)



[dmanconi](#) 111 posts since

Oct 14, 2004 7. **Re: Ports 902 and 905** Jan 7, 2008 11:57 PM

 in response to: [jasonboche](#) Hi Jason

The diagrams are excellent, thanks for posting them. They will be useful to give to the network guys when they ask!!!


Cheers

David



[eziskind](#) 310 posts since

Feb 21, 2006 8. **Re: Ports 902 and 905** Jan 8, 2008 11:26 AM

 in response to: [jasonboche](#) In VC 2.5, The Virtual Center server communicates with ESX servers over port 443, not 902 anymore. The VC agent still sends back heartbeats to udp port 902, though.



[jasonboche](#) 5,896 posts since

Jan 7, 2004 9. **Re: Ports 902 and 905** Jan 8, 2008 5:47 PM

 in response to: [eziskind](#) Port update made to the VI 3.5 ports diagram. Thank you.

Jason Boche

VMware Communities User Moderator

Message was edited by: [jasonboche](#)



[jasonboche](#) 5,896 posts since

Jan 7, 2004 10. **Re: Ports 902 and 905** Jan 8, 2008 6:09 PM

 in response to: [jasonboche](#) Document created at:

<http://communities.vmware.com/docs/DOC-2500>

Let's move future discussion there so there aren't parallel threads.

Ports 902 and 905 ...

Jason Boche

VMware Communities User Moderator