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## emulators Pathworks 32 compatibility & alternatives

Posted by Bill M - 2009/07/17 23:58

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Hello all. I have an HP DL380 G4 server running Windows 2003 Server Std SP2 and Pathworks v7.4. Recently we have been getting system crashes during certain network operations and it's possible that it may be Pathworks related. I am guessing that maybe Pathworks does not play nicely with some new windows network patch. The system has been stable for almost three years with the same configuration. Since it has been stable, I haven't played with Pathworks since I originally installed it in 2006. I did have issues with the install because Pathworks messes up HP network teaming. To resolve this I put in a PCI NIC with only the Pathworks software bound to it. This software is in place so that our VAXen can transfer daily test results to the windows server. The VAXen are all frozen at VMS 5.5-2. Unfortunately, all these are running OSU so we don't have Multinet licenses. We had looked at Multinet as an option but it was way too expensive for what we are doing and for the number of licenses required. The DECnet file transfer is part of some old third party software. We do have source but we don't have the resources right now for a rewrite. That's the background; now for my questions: 1. We are looking at upgrading from Win 2003 to Win 2008. Is anyone in this forum successfully running Pathworks 32 7.4 on Win 2008? 2. The HP website simply says that PW32 has been retired and that customers may search for third party alternatives. Can someone point me to a decent (and hopefully affordable) alternative? I'm coming up with all HP or university links from Google. Thanks in advance.

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Posted by H Vlems - 2009/07/17 23:58

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Posted by sapienzaf - 2009/07/17 23:58

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2. The HP website simply says that PW32 has been retired and that customers may search for third party alternatives. Can someone point me to a decent (and hopefully affordable) alternative? I'm coming up with all HP or university links from Google. Thanks in advance. - Is there a UCX license on the VAX systems? (Type UCX at the \$ prompt to find out, or do a \$LIC LIST.) That would give you an FTP client and server to either push/pull the files. - Put the files in some directory (if not their native location), create a mapping for the OSU web server that points to that directory, and then have the PC pull the files using HTTP.

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Posted by Jeffrey H. Coffield - 2009/07/17 23:58

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Posted by Richard B. Gilbert - 2009/07/17 23:58

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Hello all. I have an HP DL380 G4 server running Windows 2003 Server Std SP2 and Pathworks v7.4. Recently we have been getting system crashes during certain network operations and it's possible that it may be Pathworks related. I am guessing that maybe Pathworks does not play nicely with some new windows network patch. The system has been stable for almost three years with the same configuration. Since it has been stable, I haven't played with Pathworks since I originally installed it in 2006. I did have issues with the install because Pathworks messes up HP network teaming. To resolve this I put in a PCI NIC with only the Pathworks software bound to it. This software is in place so that our VAXen can transfer daily test results to the windows server. The VAXen are all frozen at VMS 5.5-2. Unfortunately, all these are running OSU so we don't have Multinet licenses. We had looked at Multinet as an option but it was way too expensive for what we are doing and for the number of licenses required. The DECnet file transfer is part of some old third party software. We do have source but we don't have the resources right now for a rewrite. That's the background; now for my questions: 1. We are looking at upgrading from Win 2003 to Win 2008. Is anyone in this forum successfully running Pathworks 32 7.4 on Win 2008? 2. The HP website simply says that PW32 has been retired and that customers may search for third party alternatives. Can someone point me to a decent (and hopefully affordable) alternative? I'm coming up with all HP or university links from Google. Thanks in advance. Frozen Vaxen. How chillen. I'm confused, I thought Pathworks ran on VAX (and Alpha) and used IP as a transport. I didn't know it had anything to do with Decnet. There are VMS versions of Samba but I don't know what would run on VMS 5.5-2 with OSU. You must be new around here! Before Pathworks was called Pathworks, it was known as DECnet DOS I haven't done anything with Pathworks in many years now and it may support TCP/IP \*now\* but originally it was DECnet only!

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Posted by Bill M - 2009/07/17 23:58

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Posted by Jeffrey H. Coffield - 2009/07/17 23:58

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You must be new around here! New to VMS. Only been supporting it for 27 years so I guess I'm new compared to some. Jeff

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Posted by Richard B. Gilbert - 2009/07/17 23:58

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You must be new around here! New to VMS. Only been supporting it for 27 years so I guess I'm new compared to some. Jeff Then how did you manage to miss DECnet-DOS? I'll grant you, it wasn't the worlds most exciting product but it was there and somewhat useful.

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Posted by Michael T. Davis - 2009/07/17 23:58

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H VLEMS Wrote: Wouldn't Kermit be useful in this situation? There used to be a an IP stack that was free but I doubt it is still available. DECnet support outside DEC products is limited. There is a working opensource DECnet kit for Linux though. Hans I'm not sure I understand how Kermit could possibly intercept calls from the fortran code to decnet and put them on the windows machine. There is a free IP stack

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Posted by sapienzaf - 2009/07/17 23:58

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Does anyone have an answer to my original two questions? If those two are your only options then you're probably SOL. See my comment two lines above about the cost, then decided whether you should be searching for some other solution than the two about which you were asking.

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Posted by Jeffrey H. Coffield - 2009/07/17 23:58

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You must be new around here! New to VMS. Only been supporting it for 27 years so I guess I'm new compared to some. Jeff Then how did you manage to miss DECnet-DOS? I'll grant you, it wasn't the worlds most exciting product but it was there and somewhat useful. Thanks for asking. I started business programming porting mainframe applications to RSTS/e on PDP-11's. Then moved to Vax, then Alpha and now Itanium. The PC support was always the guys who played with the toys while we kept the business running. I basically went from a VT terminal to Pro350 to a Vax Station then to an Alpha Station. I am forced to use Windows 2000 (now XP) at one site but now use Linux for home and all other customers. My wife went the same route but took a left turn (she's left handed, so for her it was the right turn) and is now a Mac user. Although I did a lot of Visual Basic work, it never really panned out as what was really needed is now done with either Web or Java/Swing front ends. So I didn't pay a lot of attention to the I need MY data on MY PC! (whether it makes sense or not) era. Jeff

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Posted by David Mathog - 2009/07/17 23:58

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Posted by John Wallace - 2009/07/17 23:58

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Bill M <mcbil...@yahoo.com writes: H VLEMS Wrote: Wouldn't Kermit be useful in this situation? There used to be a an IP stack that was free but I doubt it is still available. DECnet support outside DEC products is limited. There is a working opensource DECnet kit for Linux though. Hans I'm not sure I understand how Kermit could possibly intercept calls from the fortran code to decnet and put them on the windows machine. There is a free IP stack

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Posted by Bill M - 2009/07/17 23:58

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In article <ba737d42-7cb6-450f-9aad-c2c69a34f...@c36g2000yqn.googlegroups.com Bill M <mcbil...@yahoo.com writes: H VLEMS Wrote: Wouldn't Kermit be useful in this situation? There used to be a an IP stack that was free but I doubt it is still available. DECnet support outside DEC products is limited. There is a working opensource DECnet kit for Linux though. Hans I'm not sure I understand how Kermit could possibly intercept calls from the fortran code to decnet and put them on the windows machine. There is a free IP stack

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Posted by Kari Uusimäki - 2009/07/17 23:58

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Hello all. I have an HP DL380 G4 server running Windows 2003 Server Std SP2 and Pathworks v7.4. Recently we have been getting system crashes during certain network operations and it's possible that it may be Pathworks related. I am guessing that maybe Pathworks does not play nicely with some new windows network patch. The system has been stable for almost three years with the same configuration. Since it has been stable, I haven't played with Pathworks since I originally installed it in 2006. I did have issues with the install because Pathworks messes up HP network teaming. To resolve this I put in a PCI NIC with only the Pathworks software bound to it. This software is in place so that our VAXen can transfer daily test results to the windows server. The VAXen are all frozen at VMS 5.5-2. Unfortunately, all these are running OSU so we don't have Multinet licenses. We had looked at Multinet as an option but it was way too expensive for what we are doing and for the number of licenses required. The DECnet file transfer is part of some old third party software. We do have source but we don't have the resources right now for a rewrite. That's the background; now for my questions: 1. We are looking at upgrading from Win 2003 to Win 2008. Is anyone in this forum successfully running Pathworks 32 7.4 on Win 2008? 2. The HP website simply says that PW32 has been retired and that customers may search for third party alternatives. Can someone point me to a decent (and hopefully affordable) alternative? I'm coming up with all HP or university links from Google. Thanks in advance. How about running a VAX or Alpha emulator on your windows server? That way you have a fully working DECnet solution by which you can communicate with your VAXen and thought it you can put the needed files where you want. The cost depends on your choice of emulator and the VMS licenses for the emulator. If you happen to have surplus licenses, HP has a trade-in offer for moving VMS from VAX or Alpha hardware to an emulator. The commercial emulators should keep up with the upcoming windows versions. Regards, Kari

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Posted by Bob Koehler - 2009/07/17 23:58

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2. The HP website simply says that PW32 has been retired and that customers may search for third party alternatives. Can someone point me to a decent (and hopefully affordable) alternative? I'm coming up with all HP or university links from Google. IMHO, I'd replace Pathworks with the Samba based CIFS, which I think you can download from HP for free. Or, I might just get Samba directly.

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Posted by Bob Koehler - 2009/07/17 23:58

I'm confused, I thought Pathworks ran on VAX (and Alpha) and used IP as a transport. I didn't know it had anything to do with Decnet. There are VMS versions of Samba but I don't know what would run on VMS 5.5-2 with OSU. Pathworks originally did not run over IP. It ran to support MS specific protocols. MS added their functions over IP and then Pathworks did, too. I don't know if any DECnet specific protocols were ever part of Pathworks.

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Posted by Arne Vajhøj - 2009/07/17 23:58

In article <h2bl14\$bc...@news.etsnet.org>, Jeffrey H. Coffield <jeff...@digitalsynergyinc.com> writes: I'm confused, I thought Pathworks ran on VAX (and Alpha) and used IP as a transport. I didn't know it had anything to do with Decnet. There are VMS versions of Samba but I don't know what would run on VMS 5.5-2 with OSU. Pathworks originally did not run over IP. It ran to support MS specific protocols. MS added their functions over IP and then Pathworks did, too. I don't know if any DECnet specific protocols were ever part of Pathworks. Pathworks supported DECnet. Arne

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In article <h2bl14\$bc...@news.etsnet.org>, Jeffrey H. Coffield <jeff...@digitalsynergyinc.com> writes: I'm confused, I thought Pathworks ran on VAX (and Alpha) and used IP as a transport. I didn't know it had anything to do with Decnet. There are VMS versions of Samba but I don't know what would run on VMS 5.5-2 with OSU. Pathworks originally did not run over IP. It ran to support MS specific protocols. MS added their functions over IP and then Pathworks did, too. I don't know if any DECnet specific protocols were ever part of Pathworks. Pathworks was originally known as DECnet-DOS. It used DECnet protocols. It was called LAN Works for two or three weeks until the owners of that Trademark threatened legal action! Then it became Pathworks. There were jokes about the name of the week!

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Posted by P. Sture - 2009/07/17 23:58

In article <h2bl14\$bc...@news.etsnet.org>, Jeffrey H. Coffield <jeff...@digitalsynergyinc.com> writes: I'm confused, I thought Pathworks ran on VAX (and Alpha) and used IP as a transport. I didn't know it had anything to do with Decnet. There are VMS versions of Samba but I don't know what would run on VMS 5.5-2 with OSU. Pathworks originally did not run over IP. It ran to support MS specific protocols. MS added their functions over IP and then Pathworks did, too. I don't know if any DECnet specific protocols were ever part of Pathworks. Pathworks supported DECnet. And in the early versions I used, it didn't need any TCP/IP stack.

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Posted by John Wallace - 2009/07/17 23:58

In article <ba737d42-7cb6-450f-9aad-c2c69a34f...@c36g2000yqn.googlegroups.com> Bill M <mcbil...@yahoo.com> writes: H VLEMS Wrote: Wouldn't Kermit be useful in this situation? There used to be an IP stack that was free but I doubt it is still available. DECnet support outside DEC products is limited. There is a working opensource DECnet kit for Linux though. Hans I'm not sure I understand how Kermit could possibly intercept calls from the fortran code to decnet and put them on the windows machine. There is a free IP stack

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Posted by Bob Koehler - 2009/07/17 23:58

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Pathworks supported DECnet. Yes, I remember now getting sethost, nft, and such on DOS when I installed the Pathworks client.

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