

Question

[Seth Rothenberg](#) · Nov 29, 2017

TCP adaptor + SSH Tunnel

Greetings.

We have one vendor who requires us to send data using TCP through an SSH port forwarding tunnel that is set up in advance.

UNIX scripts maintain this, and the Ensemble interface uses a TCP Adapter.

I was thinking that Ensemble could maintain the SSH tunnel, which would improve our detecting of issues.

Has anyone done something like this?

I see that the class `%Net.SSH.Session` has a method `ForwardPort`, but it doesn't stand up the tunnel by itself. Instead, it appears to return a handle into the tunnel. It will work a bit differently.

Thanks

Seth

- method `ForwardPort(pRemoteHost As %String, pRemotePort As %Integer, ByRef pDevice As %String) as %Status`

Forwards traffic via the SSH connection to a remote host/port. The traffic is sent via an XDEV device that is opened by `ForwardPort()` and passed back by reference via the `pDevice` parameter.

[#API](#) [#SSL](#) [#System Administration](#) [#Ensemble](#)

Source URL: <https://community.intersystems.com/post/tcp-adaptor-ssh-tunnel>