



# Testing port connectivity using a task

PRODUCT PROFESSIONAL SERVICES





## Testing port connectivity using a task

- Why does it matter?
- Have you ever had endpoints on the Root Server when they should be utilizing their intended Relay?
- Are you seeing endpoints not communicating with application servers?
- Why not use BigFix? We can test port connectivity between thousands of endpoints!



## Testing port connectivity using a task

- What is it?
- A BigFix task that runs on endpoints to test port connectivity between endpoints



## Testing port connectivity using a task

- How does it work?
- We use PowerShell within Action Script to test whether a socket can be opened between the source and target.
- We output the result of this query to a text file
- Depending on the contents of this file, we use exit codes to determine connectivity.
  - Exit code 0: A connection was established
  - Exit code 333: A connection was not established



## Testing port connectivity using a task

- How do I use it?
- Import the task, '~~Test Port Connectivity.bes' into the BES Console.
- Deploy this to source endpoints on which you want to test connectivity.
- Upon Deployment you will be prompted for the Target name or IP address and Port.
- After the action runs, View the exit code on the console to determine connectivity.



# THANK YOU

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## The Fixlet



~~Test Port Connectivity.bes