Aurobindo Pharma Limited

**HCL BigFix – OS Deployment Pre Requisites.**



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# Installation and Configuration - HCL BigFix OS Deployment Module.

## Overview –

BigFix OS Deployment, which is part of the BigFix Lifecycle Management suite, provides a consolidated, comprehensive solution to quickly deploy new workstations and servers throughout a network from a single, centralized location. This solution saves time and money, enforces a standardized and approved image, and reduces risks associated with non-compliant or insecure configurations.

Components BigFix OS Deployment & Bare Metal Imaging

1. Bare Metal Server (Relay Servers).
2. MDT Bundle Creator.
3. DHCP Server.

## System requirements –

Scan Point hardware and software requirements -

BigFix Asset Discovery supports Windows 7, Windows Vista, Windows 2008, Windows 2012, Windows 2016, Windows 2019, Windows 8, Windows 10 or Red Hat Enterprise Linux 6, Red Hat Enterprise Linux 7 and Red Hat Enterprise Linux 8, x86-64 architectures.

As a prerequisite for using a Scan Point on Red Hat Enterprise Linux 8, x86-64 architecture, you must install the *compat-openssl10.x86-64* package.

BigFix Asset Discovery does not support Amazon Linux 2.

## Network / Firewall Ports –

Nmap needs to inspect the following TCP ports:

|  |  |  |
| --- | --- | --- |
| Protocol | Port | Direction |
| TCP | 22 | Unidirectional |
| TCP | 23 | Unidirectional |
| TCP | 80 | Unidirectional |
| TCP | 135 | Unidirectional |
| TCP | 139 | Unidirectional |
| TCP | 445 | Unidirectional |
| TCL | 61616 | Unidirectional |

Source 🡪 Scan Point server (Relay server)

Destination 🡪 All endpoints

## Internet Sites to be allowed –

Below mentioned internet url’s to be allowed on port 80 / 443.

[http://software.bigfix.com](http://software.bigfix.com/)

## Considerations –

When you designate Scan Points, you are installing Nmap and Npcap. The Nmap security scanner and Npcap packet capture library are used within BigFix under license from Insecure.Com LLC.

Nmap is distributed as a .zip file. To extract it, BigFix temporarily downloads and uses Info-Zip's decompression tool. *Info-Zip* is an open-source decompression utility.