



Hitachi HiCommand® Backup Services Manager

SDK Installation Instructions

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Version 5.0.03

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1. Introduction

This document provides the instructions for enabling the SDK functionality within the Hitachi HiCommand® Backup Services Manager Software. This install guide is valid for version 5.0.03 onward.

If you encounter a problem, or if you have a question about enabling the SDK, please contact the Hitachi Data Systems Technical Support Center who will be happy to assist you:

Technical Support Center Contact Information

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2. Pre-Installation Notes

- 2.1. Hitachi HiCommand® Backup Services Manager must first be installed, configured and be operational before enabling the SDK.

3. Enabling the HBSM SDK

3.1. Linux or Solaris Portal

- 3.1.1. Login as root

- 3.1.2. Edit the file /opt/apache/conf/workers2.properties

- 3.1.3. Navigate to the following lines in the file:

```
[uri:hbsmportal.{YOURDOMAINNAMEHERE}/servlet/*]  
worker=ajp13:localhost:8009
```

- 3.1.4. Append the following 6 lines after the two lines above substituting the string “YOURDOMAINNAMEHERE” with the value for your domain as configured in the two lines above.

```
[uri:hbsmportal.{YOURDOMAINNAMEHERE}/*.jws]  
worker=ajp13:localhost:8009  
[uri:hbsmportal.{YOURDOMAINNAMEHERE}/services/*]  
worker=ajp13:localhost:8009  
[uri:hbsmportal.{YOURDOMAINNAMEHERE}/SOAPMonitor]  
worker=ajp13:localhost:8009
```

- 3.1.5. Restart apache and the tomcat-portal

- 3.1.5.1. /opt/aptare/bin/apache restart

- 3.1.5.2. /opt/aptare/bin/tomcat-portal restart

3.2. Windows Portal

- 3.2.1. Edit the file C:\opt\apache\conf\workers2.properties

- 3.2.2. Navigate to the following lines in the file:

```
[uri:hbsmportal.{YOURDOMAINNAMEHERE}/servlet/*]  
worker=ajp13:localhost:8009
```

- 3.2.3. Append the following 6 lines after the two lines above substituting the string “YOURDOMAINNAMEHERE” with the value for your domain as configured in the two lines above.

```
[uri:hbsmportal.{YOURDOMAINNAMEHERE}/*.jws]  
worker=ajp13:localhost:8009  
[uri:hbsmportal.{YOURDOMAINNAMEHERE}/services/*]  
worker=ajp13:localhost:8009  
[uri:hbsmportal.{YOURDOMAINNAMEHERE}/SOAPMonitor]  
worker=ajp13:localhost:8009
```

- 3.2.4. Restart the Aptare Apache and the Aptare Portal Tomcat services in the Windows Services control panel

4. Testing the HBSM SDK

- 4.1. You can validate the service is running via the following URL which should return a simple “And now... Some services” page in response:

<http://hbsmportal.<yourdomainnamehere>/servlet/AxisServlet>