Updates for Middleware Applications

Sites:

Updates for Linux Applications Middleware

Updates for Windows Applications Middleware

Middleware Site Contents

Linux Middleware
- Apache Tomcat
- MySQL
- MariaDB
- PostgreSQL
- MongoDB
- OracleDB – Audit Only

Windows Middleware
- Apache Tomcat
- MongoDB

Supported Platforms

Linux Middleware

- RHEL Family
- Ubuntu LTS
- SUSE

The Oracle content does support AIX in addition to Linux.

Windows Middleware

- Windows Server

While Windows Desktop is not excluded, it is only in scope for experimental purposes.

How do I get the sites?

- If you are a Compliance customer, as a Master Operator, look to enable the sites in the License Overview dashboard in the Windows Console.

- This only needs to be done once per BigFix Root Server.

- You will then have to set which computers are subscribed to the site once the first gather has completed.

BigFix License Overview

| | OVERVIEW | BIGFIX MOBILE | COMPLIANCE | LIFECYCLE | > |

ENABLE	ciscoamp
ENABLE	paloaltonetworks
ENABLE	updateslinuxappsmiddleware
ENABLE	updateswindowsappsmiddleware

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BigFix License Overview

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	OVERVIEW	BIGFIX MOBILE	COMPLIANCE	LIFECYCLE

ENABLED	Patching Support	4
ENABLED	Updates for Linux Applications Middleware	0
ENABLED	Updates for Mac Applications	0
ENABLED	Updates for Windows Applications	2
ENABLED	Updates for Windows Applications Extended	2
ENABLED	Updates for Windows Applications Middleware	0
ENABLED	Vulnerability Reporting	0

What makes the Oracle content different?

- In the "Updates for Linux Applications Middleware" site there is "**audit only**" content for OracleDB. This content requires running a policy action to get the version of OracleDB for the "audit only" content to become relevant.

- These are the Tasks which should be deployed to reapply once a day to once a week:
  - Get Patch List - Oracle ASM_RAC - Linux - Preview
  - Get Patch List - Oracle Standalone DB - Linux - Preview

What makes the Oracle content different?

- The content runs the "Oracle" upgrades as an `oracle` user instead of `root`

- We hope to make this easier to change in the future, but for now, a custom copy is required.

Can I deploy this content directly to my production servers?

- Probably not

- Depending on the OS / Software being patched, you may need to stop services first before installing the patches. You may even need to stop services on other endpoints before patching the database on a separate endpoint.

- This is something that BigFix Server Automation can help with, but it is outside of the scope of a single fixlet. That said, the content from these sites can be used within a BigFix Server Automation plan to automate a complex server patching scenario.

Will the middleware sites be available in WebUI Patch Policies?

- No.

- We think the complexity of patching middleware does not fit within the model of WebUI Patch Policies / Autopatch.

How do I request new software be added?

- **NOTE:** Federal customers should contact Devaughn Rackham instead of using the Ideas Portal.
  - Devaughn_Rackham@hclgov.com
- Please submit an Idea to the section currently labeled "Content" in the HCL BigFix Ideas Portal with the name of the software, the webpage you download the software from, and an example link to the actual downloaded file.
  - https://bigfix-ideas.hcltechsw.com/?project=CON
- Please vote on existing entries as well!

QnA

Any Questions?

Demo

License Overview

Sites

Content in Console

Oracle specifics

Content in WebUI