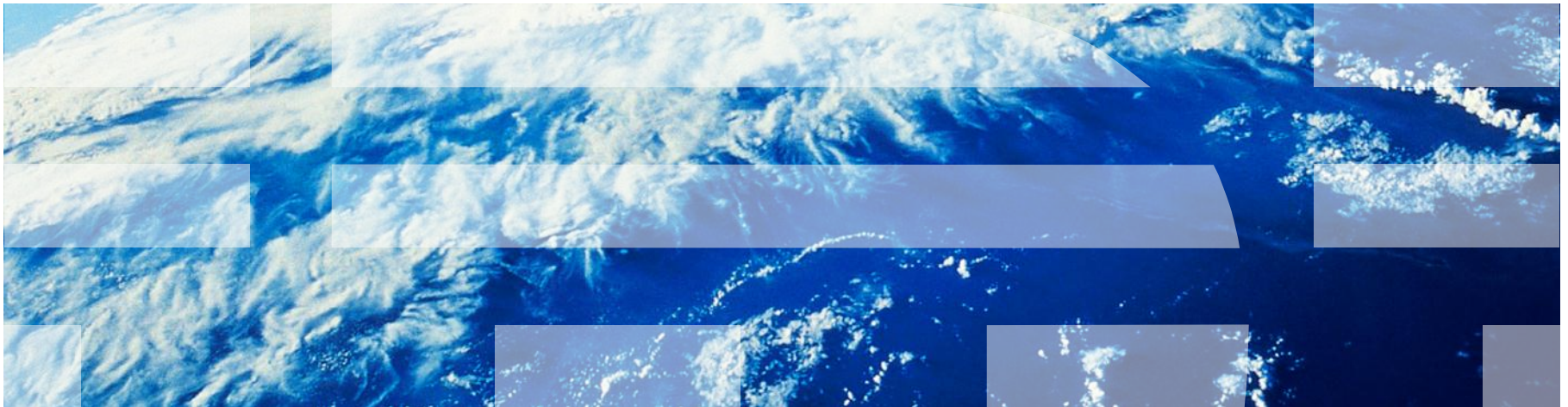


IBM Worklight Foundation Cloud Edition V6.2.0 Getting Started

**Deploying your first Worklight application with IBM
Worklight Foundation Cloud Edition on SoftLayer**



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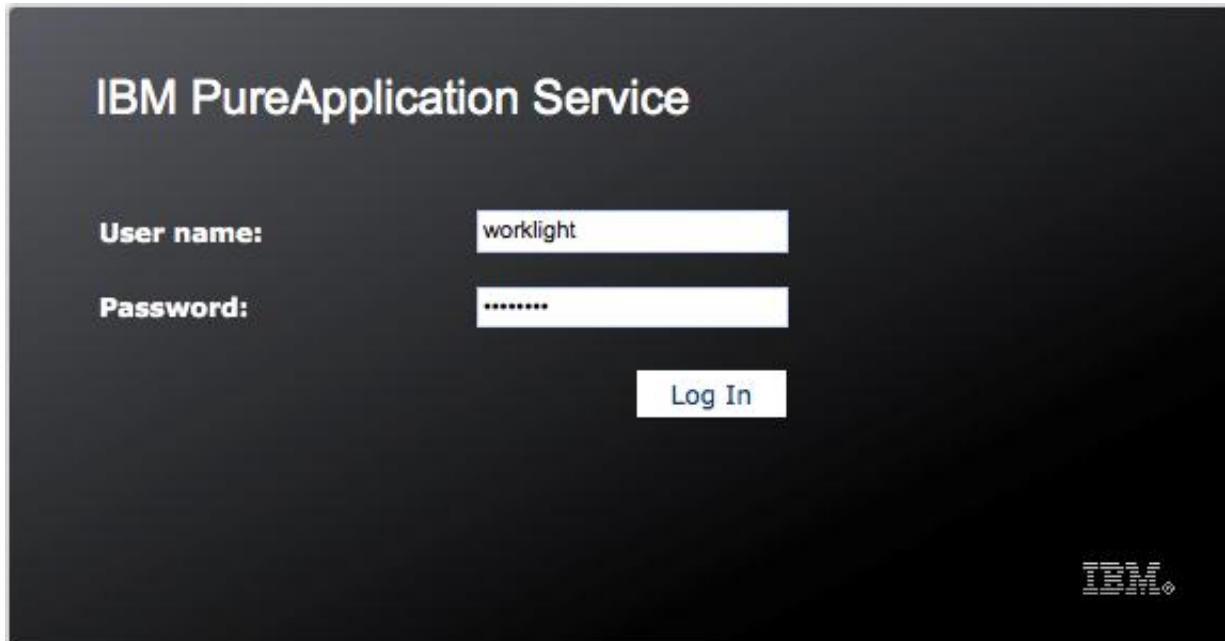
- See <http://www.ibm.com/ibm/us/en/>

Agenda

- Logging in to the PureApplication Service
- Virtual Applications
- Worklight Starter
- Pattern editor
- Deployment
- Verifying the deployment
- For more information

Logging in to the PureApplication Service

- Open the `http://<SERVICE_IP>/login` URL in your browser. The value of `SERVICE_IP` is the IP address of the PureApplication® Service instance that you are using.
- Log in to the PureApplication Service with the credentials that were provided to you after you registered.



IBM PureApplication Service

User name:

Password:

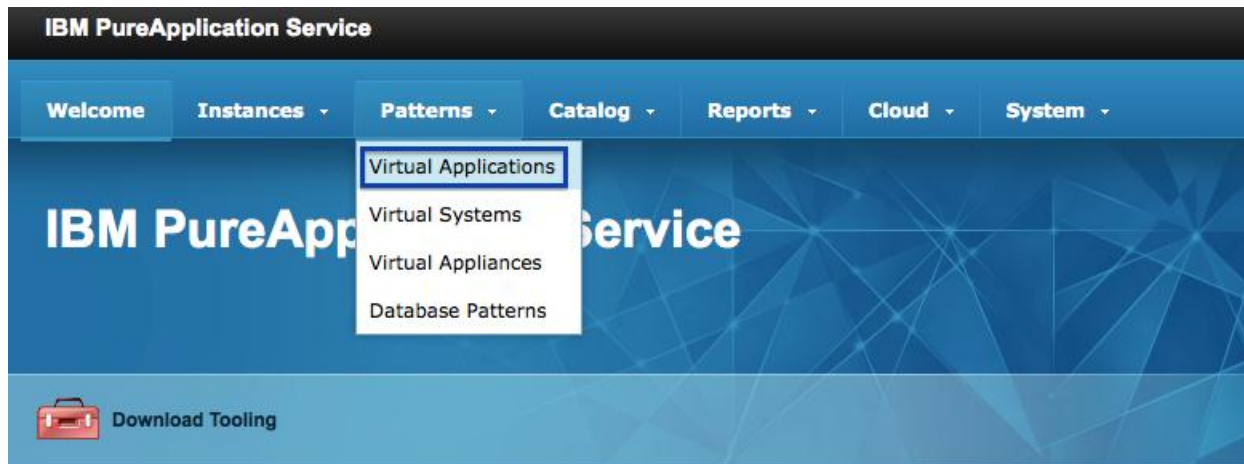
IBM

Agenda

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Virtual Applications (1 of 2)

- On the PureApplication Service home page, click **Patterns > Virtual Applications**.

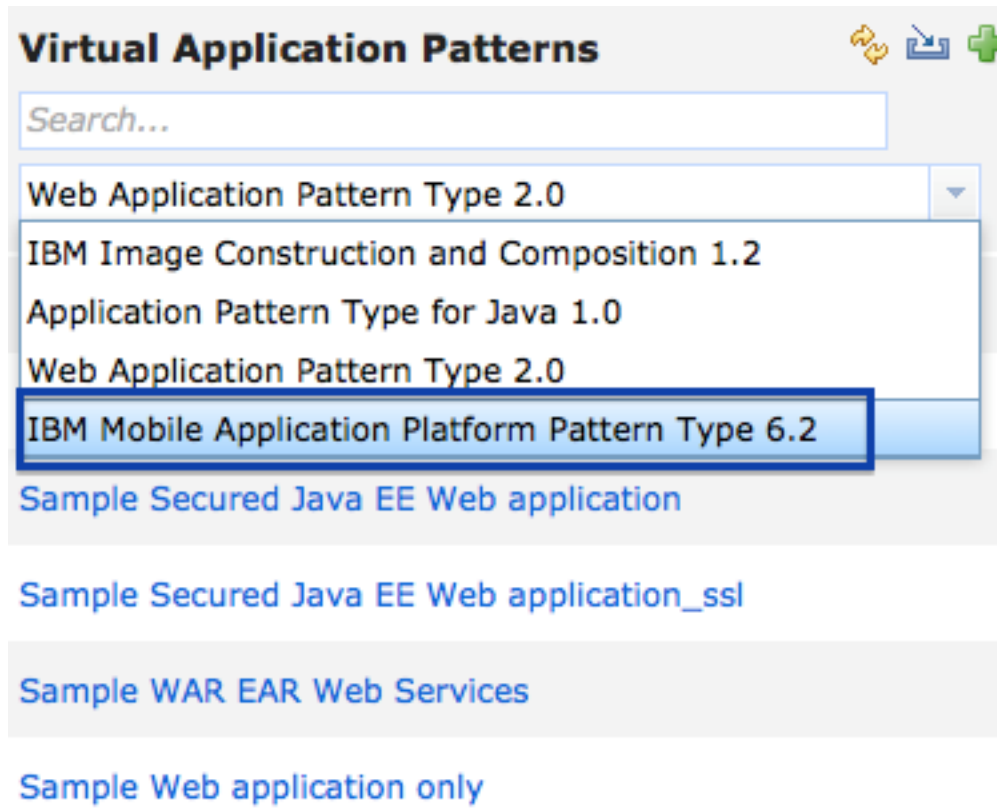


Working with virtual applications




 <p>Step 1: Create a virtual application pattern</p> <p>Create a virtual application pattern using the Virtual Application Builder.</p> <p>Create virtual application pattern</p>	 <p>Step 2: Create a virtual application instance</p> <p>Create a virtual application instance by deploying a virtual application pattern.</p> <p>Deploy virtual application instance</p>
---	--

Virtual Applications (2 of 2)

- On the Virtual Application Patterns page, select the **IBM Mobile Application Platform Pattern Type 6.2** entry from the drop-down list.



The screenshot shows the 'Virtual Application Patterns' interface. At the top, there is a search bar with the placeholder text 'Search...'. Below the search bar is a dropdown menu. The dropdown menu is open, showing a list of application patterns. The option 'IBM Mobile Application Platform Pattern Type 6.2' is highlighted with a blue border. Below the dropdown menu, there are several application patterns listed in blue text: 'Sample Secured Java EE Web application', 'Sample Secured Java EE Web application_ssl', 'Sample WAR EAR Web Services', and 'Sample Web application only'.

Virtual Application Patterns   

Search...

Web Application Pattern Type 2.0

IBM Image Construction and Composition 1.2

Application Pattern Type for Java 1.0

Web Application Pattern Type 2.0

IBM Mobile Application Platform Pattern Type 6.2

Sample Secured Java EE Web application

Sample Secured Java EE Web application_ssl

Sample WAR EAR Web Services

Sample Web application only

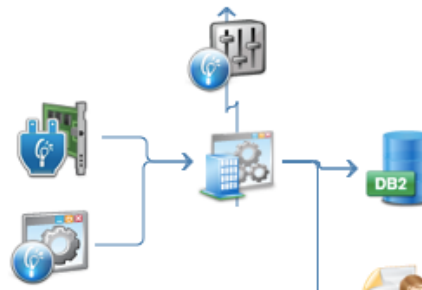
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Worklight Starter

- With the **IBM Mobile Application Platform Pattern Type 6.2** option selected, click the **Worklight Starter** pattern in the list. Click the **Open** link in the upper right toolbar.

Worklight Starter		Deploy	Open
Application ID:	a-4fd577d6-001d-444d-955e-9ef5521b9df1		
Description:			
Created by:	cbadmin		
Updated by:	cbadmin		
Created on:	Aug 22, 2014, 11:09:32 AM		
Updated on:	Aug 25, 2014, 8:43:31 AM		
Preview:			

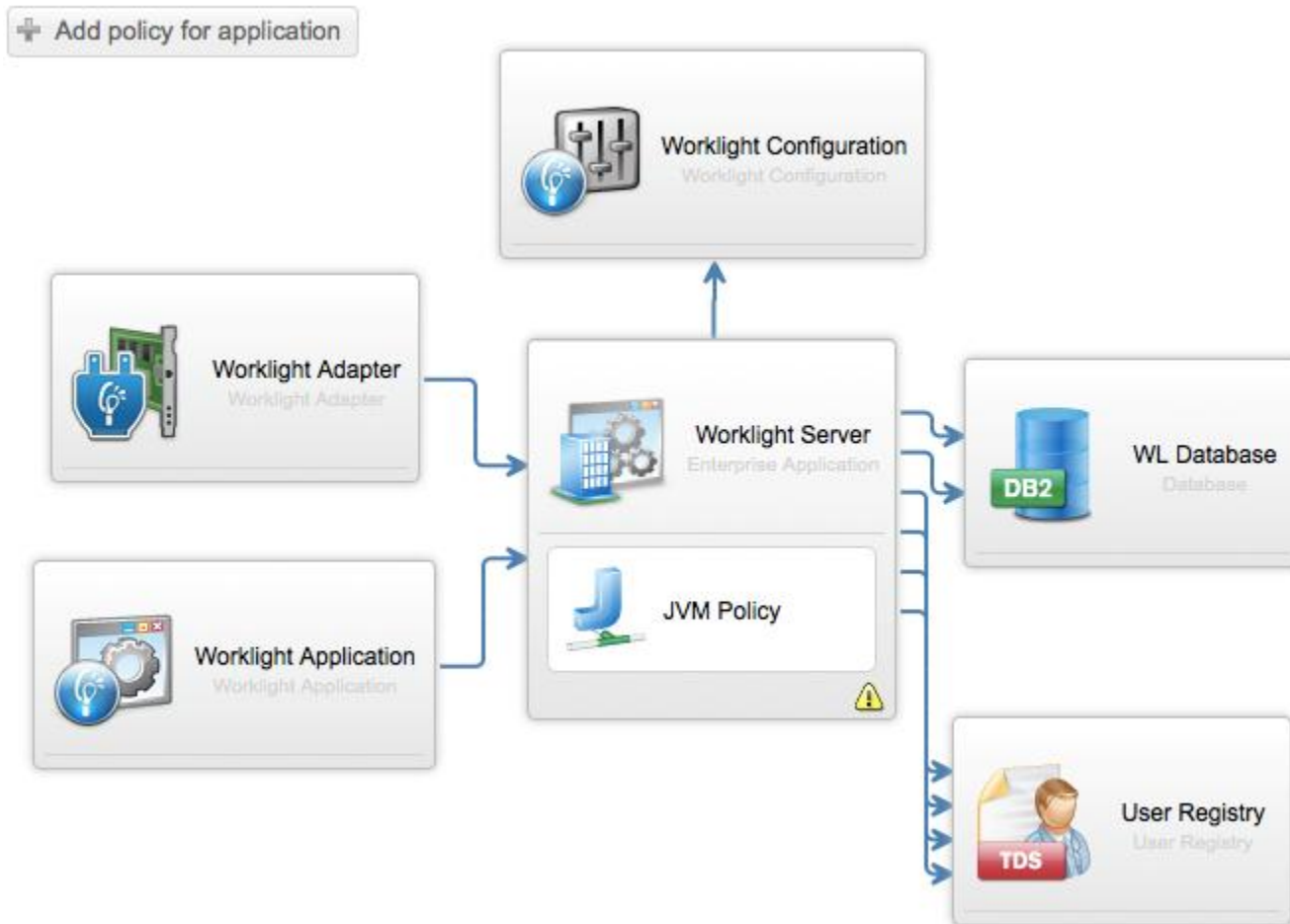


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Pattern editor (1 of 3)

- Review the sample Worklight® pattern in the pattern editor.



Pattern editor (2 of 3)

- The pattern contains the following components:
 - **Worklight Server:** This component is the Worklight Foundation runtime component that provides runtime and management services for mobile applications.
 - **WL Database:** This component is the DB2® database that is used by the Worklight Server to store administrative and runtime data.
 - **User Registry:** This component is the Tivoli® Directory Server that serves as the user registry for the Worklight Server.
 - **Worklight Adapter:** This component is the Worklight HTTP adapter that is used by the sample mobile application in the pattern.
 - **Worklight Application:** This component is the Worklight sample mobile application to be deployed.
 - **Worklight Configuration:** This component is the deployment configuration that is required to successfully deploy and configure the Worklight Adapter and Worklight Application components.
 - **Connect Out:** This component defines the hosts and ports to which outbound communication is allowed from the Worklight Server.

Pattern editor (3 of 3)



- Close the tab for the Virtual Application editor. If you inadvertently modified the sample pattern, a prompt is displayed in the browser. If you see the prompt, click **Leave Page** to discard any changes.

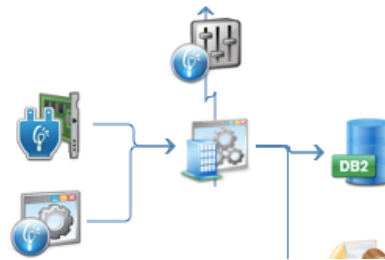
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Deployment (1 of 5)

- Return to the Virtual Application Patterns page and select the **Worklight Starter** pattern if it is not already selected. Click the **Deploy** link in the upper right toolbar.

Worklight Starter		 Deploy  Open
Application ID:	a-4fd577d6-001d-444d-955e-9ef5521b9df1	
Description:		
Created by:	cbadmin	
Updated by:	cbadmin	
Created on:	Aug 22, 2014, 11:09:32 AM	
Updated on:	Aug 25, 2014, 8:43:31 AM	
Preview:		



Deployment (2 of 5)

- Click **OK** on the deployment panel to begin the deployment.
Important: Make sure that the **Select target environment profile** option is selected in the deployment dialog. If you do not select this option, your deployment fails.

Deploy Virtual Application

Name:

Select target environment profile:

Filter by IP type: IPv4 IPv6

Filter by environment profile type:

Profile:

Cloud group:

IP group:

Select target cloud group:

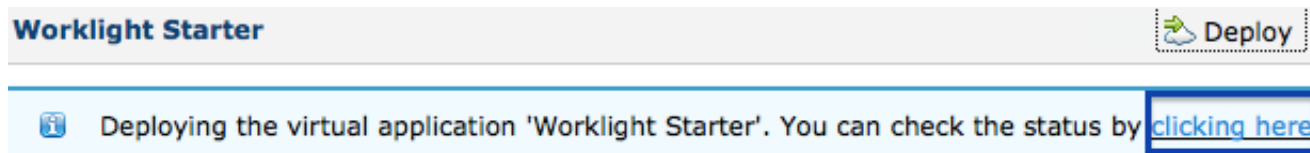
IP Version: IPv4 IPv6

Cloud group:

Advanced

Deployment (3 of 5)

- After several seconds, a message is displayed at the top of the screen that indicates the start of the deployment.



- Click the **clicking here** link to navigate to the Virtual Application Instances page to monitor your deployment.


Deployment (4 of 5)

- The deployment takes 10 to 15 minutes to complete while it deploys the full environment that is depicted in the pattern. The **Status** field indicates the progress of instance creation.

Worklight Starter		Stop	Start	Manage	Maint
Name:	Worklight Starter				
Created by:	cbadmin				
Started on:	Aug 4, 2014, 4:35:07 PM				
Access granted to:	Administrator [all]				
	<input type="text" value="Add more..."/>				
ID:	d-121b52a2-7dbd-4ffa-929e-328f3143130d				
Status:	Launching Step 1 of 4 20% (Preparing deployment)				

Deployment (5 of 5)

- When the deployment completes, the **Status** field changes to **Running**.

Worklight Starter ⏹ Stop	
Name:	Worklight Starter
Created by:	cbadmin
Started on:	Aug 4, 2014, 11:50:13 AM
Access granted to:	Administrator [all] <input type="text" value="Add more..."/>
ID:	d-3c019ffa-ef01-4f76-94db-c7aec22109f
Status:	Running 







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Verifying the deployment (1 of 5)

- To verify the deployment, you must first log in to the Worklight Console. Scroll down to the **Middleware perspective** section and click the **Endpoint** link next to the **WAS** entry.

[-] Middleware perspective (22 in total)

- ▶  **DB2** (WL_Database-db2) → [Endpoint](#)
- ▶  **WORKLIGHT_INSTALL** (Worklight_Server-was)
- ▶  **WORKLIGHT** (Worklight_Server-was)
- ▶  **WAS** (Worklight_Server-was) → [Endpoint](#)
- ▶  **TDSADMIN** (User_Registry-tds) → [Endpoint](#)
- ▶  **TDS1** (User_Registry-tds) → [Endpoint](#)

[Show more](#)

Verifying the deployment (2 of 5)

- In the **Worklight Information** dialog, click the URL that ends with `/worklightconsole/`.

Endpoint information

ENDPOINT: <http://173.193.227.134:9080/WorklightStarter/>

ENDPOINT: <http://173.193.227.134:9080/worklightadmin/>

ENDPOINT: <http://173.193.227.134:9080/worklightconsole/>

Cancel

Verifying the deployment (3 of 5)

- On the login screen for the Worklight Console, enter the user name `demo` and the password `demo`. Click **Log in**.
- In the console view, you see the **WorklightStarter** application and the **WorklightStarterAdapter** adapter.

The screenshot displays the IBM Worklight Console interface. At the top, the title is "IBM Worklight Console" with a breadcrumb "Home > WorklightStarter". Below the title are four navigation tabs: "Catalog", "Devices", "Push Notifications", and "Log Profiles". A deployment bar shows "Deploy application or adapter:" with a "Browse..." button, the text "No file selected.", and a "Submit" button. The main content area lists two items:

- WorklightStarter** *WorklightStarter*: Includes a lightbulb icon, "Last deployed at: 8/4/2014 12:24 PM", and a "Preview as Common Resources" link.
- WorklightStarterAdapter** *Retrieves Engadget RSS feeds*: Includes a lightbulb icon inside a shield, "Last deployed at: 8/4/2014 12:24 PM", and a "Show details" link with a dropdown arrow.

Verifying the deployment (4 of 5)

- You can verify the functionality of the **WorklightStarter** application by running it in a browser. Click the **Preview as Common Resources** link to open the application in your browser. A simple mobile application screen with **Worklight Starter** as the header and a list of news entries that is retrieved by the **WorklightStarterAdapter** is displayed.

MIT researchers suggest graphene could be used to build a better camera sensor

Wed, 12 Oct 2011 03:35

iCloud opens to the masses, iOS 5 lurks near

Wed, 12 Oct 2011 02:29

AMD FX processor brings eight cores to battle, we go eyes-on (video)

Wed, 12 Oct 2011 00:01

Samsung and Google's Ice Cream Sandwich / Nexus Prime event back on for the 19th?

Tue, 11 Oct 2011 23:14

Lapdock 100 brings a Webtop IQ boost to Moto phones on Verizon, Sprint, and AT&T

Tue, 11 Oct 2011 22:39

Verifying the deployment (5 of 5)

- You successfully deployed your first Worklight application with IBM Worklight Foundation Cloud Edition on SoftLayer®.

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For more information

- For more information about deploying to the cloud, see the IBM Worklight user documentation at:
 - http://ibm.biz/knowctr#SSZH4A_6.2.0/com.ibm.worklight.deploy.doc/topics/c_pureapp.html

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