

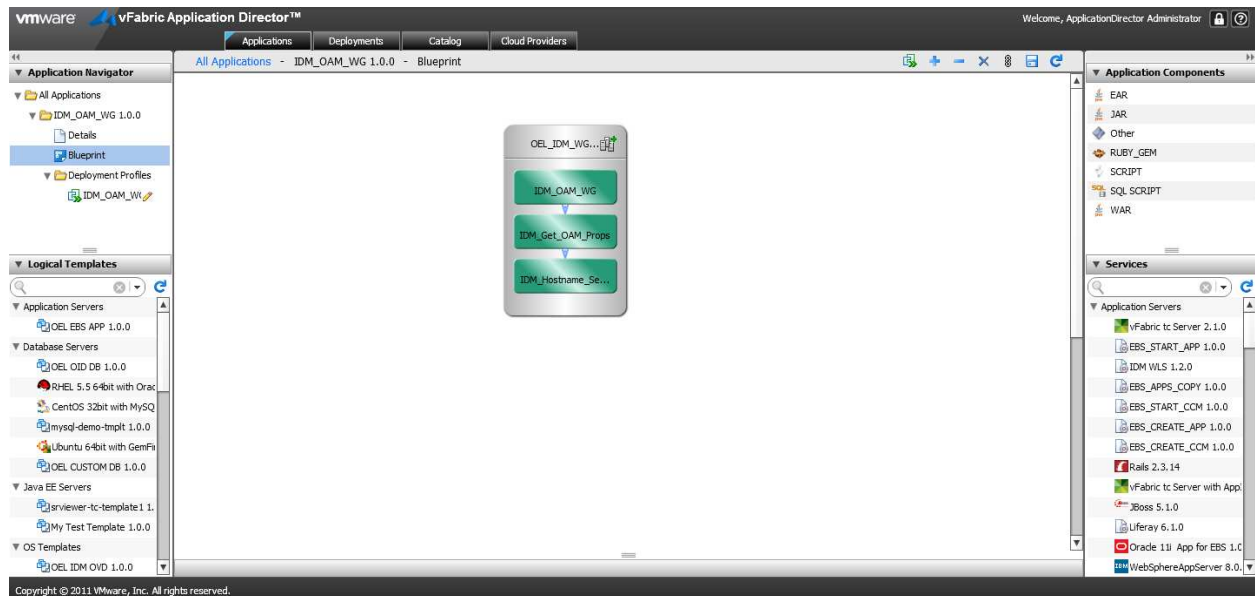
Oracle Access Management WebGate (IDM Single Node) - Blueprint Information

1. OVERVIEW

The purpose of this document is to describe the Oracle Access Management WebGate blueprint (as part of the IDM Single Node blueprint) in detail. The goal of the blueprint is to allow for provisioning and configuration of a single node Oracle Access Management WebGate (OAM WG) instance in an automated and repeatable fashion.

The following components and versions are installed as part of the OAM WG instance:

- (1) OAM WG Release 10.1.4.2.0.05 BP 05



2. HIGH LEVEL BLUEPRINT DESIGN

Conceptually, the blueprint design consists of the tasks described below. These tasks are listed in chronological order:

- (1) Setup Host Name
- (2) Retrieve Oracle Access Management (OAM) Properties
- (3) Install OAM WG Release 10.1.4.2.0.05 BP 05

2.1 Files

You will need access to create the following file repository that contains the necessary installers and configuration files needed. We will refer to this repository as the "Mount Point Location" in this document.

\$MOUNTPOINTLOCATION/IDM:

oam/	Installation and configuration directory of OAM
oam_101401/	Installation packages of OAM 10.1.4.0.1
oam_101420_patchset/	Installation upgrade patches of OAM 10.1.4.2.0
oam_101420_BP /	Installation bundle patches of OAM 10.1.4.2.0
gcc_lib/	GCC libraries required by OAM installation
Templates/	OAM WG installation and configuration templates
wg_install_options.txt	OAM WG silent installation response file Template
simpleCA.tar	OAM Certificate package

You will also need below files to configure the scripts and services within this blueprint. Please refer to the following sections for details and their corresponding script/service.

IDM_Hostname_Setup_INSTALL.txt
IDM_Get_OAM_Props_INSTALL.txt
IDM_OAM_WG_INSTALL.txt
IDM_OAM_WG_CONFIGURE.txt

2.2 Setup Host Name

The "Setup Host Name" task sets the hostname for the machine that's provisioned. It's defined as a blueprint service.

Properties:

Name	Description	Type
env_util	Java utility to register ho...	Content
HOST_NAME	Generated host name	String
DOMAIN_NAME		String
IP_ADDRESS	The IP_ADDRESS param...	String
ENV_NAME	Environment name specifi...	String
HOST_NAME_PATTERN	Pattern to use for the ho...	String

Actions:

Details Properties Actions			
Lifecycle Stage	Script Type	Script	
INSTALL	Bash Script	#!/bin/bash	✖
CONFIGURE	Bash Script		✖
START	Bash Script		✖

Install Script:

Please refer to file **IDM_Hostname_Setup_INSTALL.txt** to copy the script as the INSTALL Bash Script.

2.3 Retrieve Oracle Access Management (OAM) Properties

The "Retrieve Oracle Access Management (OAM) Properties" task retrieves the OAM information that OAM WG needs to connect to from Perforce. It's defined as a blueprint service.

Properties:

Service Definition

Edit Service IDM Get OAM Props 1.0.0

Details Properties Actions							
Name	Description	Type	Value	Required	Secured	Overridable in Blueprint	
IDM_OAM_WG_PASS	OAM WebGate password	String		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
IDM_OAM_WG_SERVERID	OAM Webgate Server ID	String		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
IDM_OAM_AS_SERVERID	OAM Access Server Server ID	String		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
IDM_OAM_PASS	OAM Passphrase	String		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
IDM_OAM_PORT	OAM admin host WebPass OHS port	String		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
IDM_OAM_SERVERNAME	OAM server name (both host name and domain name)	String		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
IDM_OAM_HOSTNAME	OAM server host name	String		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
IDM_OAM_HOSTIP	OAM server host IP address	String		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
IDM_OVD_PASS	OVD SOA service account password	String		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
IDM_OVD_PORT	OVD server port	String		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
IDM_OVD_HOST	OVD host name	String		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
ENV_NAME	Environment name specified during deployment	String		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
env_util	Java utility to retrieve information from Perforce	Content	http://s{darwin.server.ip}/artifacts/common/envutil.zip	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

OK Cancel

Blueprint Definition

Name	Description	Type	Catalog Value	Blueprint Value	Required	Secured	Overridable at Deployment
IDM_OAM_WG_PASS	OAM WebGate password	String			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IDM_OAM_WG_SERVERID	OAM Webgate Server ID	String			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IDM_OAM_AS_SERVERID	OAM Access Server Server ID	String			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IDM_OAM_PASS	OAM Passphrase	String			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IDM_OAM_PORT	OAM admin host WebPass OH...	String			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IDM_OAM_SERVERNAME	OAM server name (both host ...	String			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IDM_OAM_HOSTNAME	OAM server host name	String			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IDM_OAM_HOSTIP	OAM server host IP address	String			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IDM_OVD_PASS	OVD SOA service account pas...	String			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IDM_OVD_PORT	OVD server port	String			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IDM_OVD_HOST	OVD host name	String			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ENV_NAME	Environment name specified d...	String		<i>self:IDM_Hostname_Setup:ENV_NAME</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
env_util	Java utility to retrieve informa...	Content	http://\${darwin.server.ip}/artifacts/common/envutil.zip		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Actions:

<div> Details Properties Actions </div>			
Lifecycle Stage	Script Type	Script	
INSTALL	Bash Script	#!/bin/bash	✖
CONFIGURE	Bash Script		✖
START	Bash Script		✖

Install Script:

Please refer to file **IDM_Get_OAM_Props_INSTALL.txt** to copy the script as the INSTALL Bash Script.

2.4 Install OAM WG Release 10.1.4.2.0.05 BP 05

The “Install OAM WG Release 10.1.4.2.0.05 BP 05” task installs an OAM WG server instance. It’s defined as a blueprint service.

Properties:

Name	Description	Type
SERVERNAME	OAM WebGate server na...	String
HOSTNAME	OAM WebGate host name	String
WG_ORACLE_HOME	OAM WebGate Home	String
PASSPHRASE	OAM passphrase	String
ACCESSSERVERID	OAM Access Server Serv...	String
WGPASSWORD	OAM WebGate password	String
WGSERVERID	OAM WebGate Server ID	String
OAM_HOSTNAME	OAM admin host server n...	String
OAM_ADMIN_HOST	OAM admin server host n...	String
OAM_ADMIN_IP	OAM admin server IP add...	String
JAVA_HOME	Java Home	String
NFSPATH	Network shared drive tha...	String
global_conf	Network configuration utility	Content

Actions:

<div>DetailsPropertiesActions</div>			
Lifecycle Stage	Script Type	Script	
INSTALL	Bash Script	#!/bin/bash	✖
CONFIGURE	Bash Script	#!/bin/bash	✖
START	Bash Script		✖

Install Script:

Please refer to file **IDM_OAM_WG_INSTALL.txt** to copy the script as the INSTALL Bash Script.

Please refer to file **IDM_OAM_WG_CONFIGURE.txt** to copy the script as the CONFIGURE Bash Script.