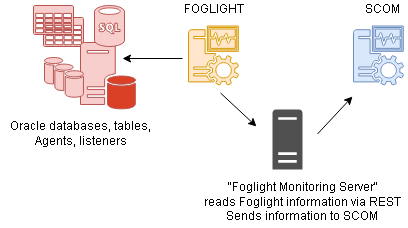
Integrate Foglight’s monitored Oracle Databases into SCOM

# Introduction

**Connect APM Foglight** is a Management Pack for SCOM which integrates health states of Oracle database components which are monitored via Foglight into SCOM.

# Design

The Management Pack will use any specified Windows Server which is monitored via Agent from SCOM as “Foglight Monitoring Server”. Inventory and Health State is gathered via REST calls from the Foglight Management Server.



# Change History

|  |  |  |
| --- | --- | --- |
| Date | Build No. | Changes |
| 2019-08-29 | 1.0.0.78 | Initial Upload to GitHub |

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# Management Pack Components

## Classes

### Foglight Monitoring Server

|  |  |
| --- | --- |
| Id | Base |
| Connect.APM.Foglight.MonitoringServer | Windows!Microsoft.Windows.ComputerRole |

### Foglight Database Objects

|  |  |
| --- | --- |
| Id | Base |
| Connect.APM.Foglight.DBO.Base | System!System.LogicalEntity |
| Connect.APM.Foglight.DBO.DatabaseSystem | Connect.APM.Foglight.DBO.Base |
| Connect.APM.Foglight.DBO.Database | Connect.APM.Foglight.DBO.Base |
| Connect.APM.Foglight.DBO.Server | Connect.APM.Foglight.DBO.Base |
| Connect.APM.Foglight.DBO.Listener | Connect.APM.Foglight.DBO.Base |
| Connect.APM.Foglight.DBO.Tablespace | Connect.APM.Foglight.DBO.Base |
| Connect.APM.Foglight.DBO.Agent | Connect.APM.Foglight.DBO.Base |

## Discoveries

|  |  |
| --- | --- |
| Id | Base |
| Discover.Connect.APM.MonitoringServer | Windows!Microsoft.Windows.Computer |
| Discover.Connect.APM.DBObjects | Connect.APM.Foglight.MonitoringServer |
| Discover.Connect.APM.DBObjectRelations | SC!Microsoft.SystemCenter.RootManagementServer |

## Monitors

### Unit

|  |  |
| --- | --- |
| Id | Target |
| Monitor.Connect.APM.Tablespace | Connect.APM.Foglight.DBO.Tablespace |
| Monitor.Connect.APM.Serv er | Connect.APM.Foglight.DBO.Server |
| Monitor.Connect.APM.Listener | Connect.APM.Foglight.DBO.Listener |
| Monitor.Connect.APM.Agent | Connect.APM.Foglight.DBO.Agent |
| Monitor.Connect.APM.Database | Connect.APM.Foglight.DBO.Database |

### Dependency

|  |  |
| --- | --- |
| Id | Target |
| Monitor.Dep.DatabaseSystemOnAgent | Connect.APM.Foglight.DBO.DatabaseSystem |
| Monitor.Dep.DatabaseSystemOnDatabase | Connect.APM.Foglight.DBO.DatabaseSystem |
| Monitor.Dep.DatabaseSystemOnListener | Connect.APM.Foglight.DBO.DatabaseSystem |
| Monitor.Dep.DatabaseSystemOnServer | Connect.APM.Foglight.DBO.DatabaseSystem |

### Aggregate

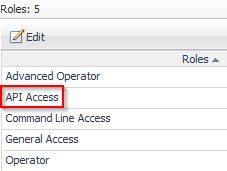
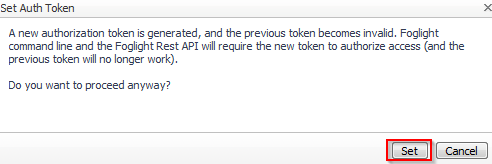
|  |  |
| --- | --- |
| Id | Target |
| Monitor.Ag.Connect.APM.DatabaseSystem | Connect.APM.Foglight.DBO.DatabaseSystem |

## Views

|  |  |
| --- | --- |
| Id | Target |
| view.State.Connect.APM.Foglight.Agent | Connect.APM.Foglight.DBO.Agent |
| view.State.Connect.APM.Foglight.Database | Connect.APM.Foglight.DBO.Database |
| view.State.Connect.APM.Foglight.DatabaseSystem | Connect.APM.Foglight.DBO.DatabaseSystem |
| view.State.Connect.APM.Foglight.Listener | Connect.APM.Foglight.DBO.Listener |
| view.State.Connect.APM.Foglight.Server | Connect.APM.Foglight.DBO.Server |
| view.State.Connect.APM.Foglight.Tablespace | Connect.APM.Foglight.DBO.Tablespace |

# Configuration

## Foglight Application Monitor

* Create a user in Active Directory and assign the following roles to that user (incl. the selected one)  
  
* Set the token for the users:  
  

## Foglight Monitoring Server

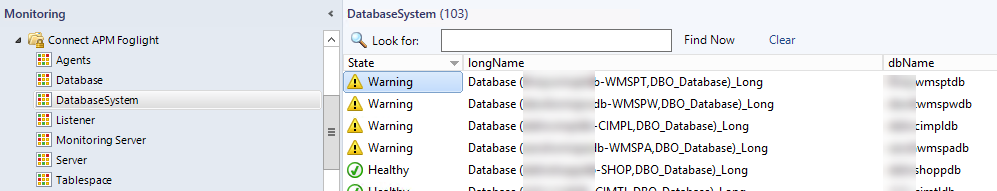
The computer which should be used to query the Foglight Monitoring Server must be monitored by SCOM via Agent.

Paste the following text into a plain text file, rename it as \*.reg and import it with double click on the monitoring computer:

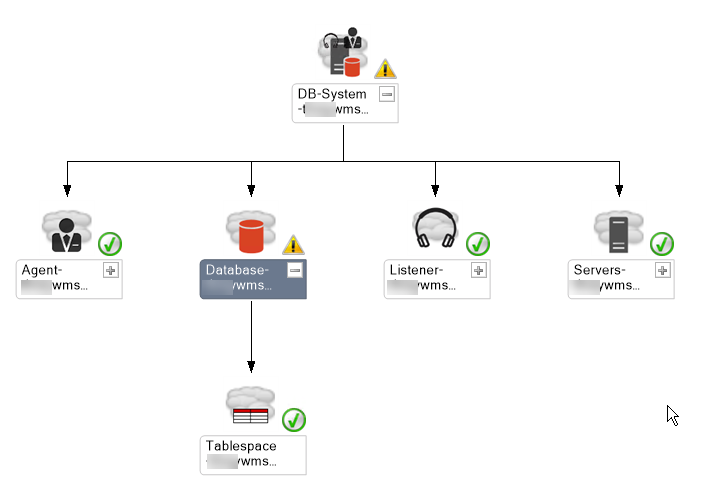
|  |
| --- |
| Windows Registry Editor Version 5.00  [HKEY\_LOCAL\_MACHINE\SOFTWARE\ABCIT\APMFoglight]  "APMServerURL"="https://YOUR-FOGLIGHT-APM-URL:PORT"  "APMServerAuthToken"="YOUR-QUERY-USER-TOKEN" |

# Usage

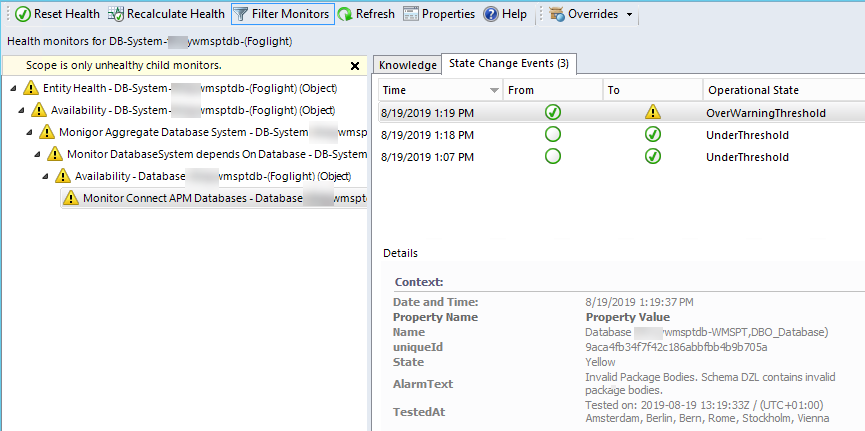
After a while discovered objects appear in the SCOM console.

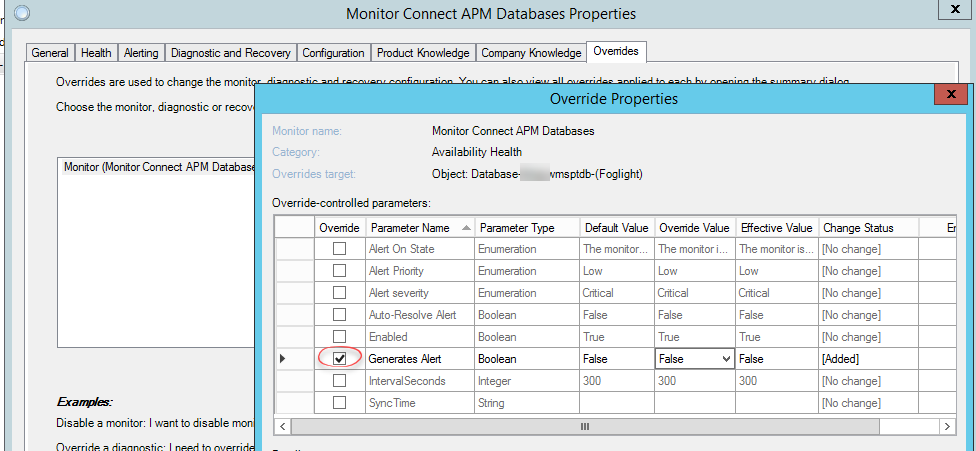


Health State bubbles up through dependency monitors.



Alerting is disabled by default. Can be enabled via override. – Create a dedicated Management Pack for overrides if required!





# License Terms

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