



***Configuring and Monitoring the
XenDesktop Broker – v3/4***

eG Enterprise v6

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Configuring and Monitoring XenDesktop Broker – v3/4

This chapter describes the steps involved in configuring, administering and monitoring the XenDesktop Broker – v3/4.

1.1 Configuring eG Agent to Monitor XenDesktop Broker – v3/4

eG Enterprise adopts an agent-based approach to monitoring the DDC. This approach requires that the eG agent be installed on any DDC in a DDC farm. This agent should then be configured to periodically execute tests, which use the **PowerShell SDK** of the DDC to collect a wide variety of performance statistics pertaining to that DDC/farm.

To enable the eG agent to use this SDK, the following pre-requisites need to be fulfilled:

- To monitor a 32-bit version of the Xen Desktop Controller, ensure that the **Citrix Desktop Delivery Controller PowerShell SDK** is available on the *admin/master server* of the DDC farm. You will find the SDK as an **msi** file in the **\support\ddcsdk** folder of the install media. Once the SDK is installed, follow the steps below:
 - Follow the Start -> Run menu sequence on the *admin/master* server of the DDC farm.
 - In the **Run** dialog box, type the command **cmd.exe**.
 - Once the command prompt appears, issue the command: **powershell.exe**
 - This will launch the Powershell prompt window. Here, issue the following command:


```
set-executionpolicy unrestricted
```

 • Next, close the Powershell prompt window.
- To monitor a 64-bit version of the Xen Desktop Delivery Controller, you may want to use a 64-bit SDK. For that, install the DDC SDK available in the **x64** folder in the **/support/ddcsdk** folder of the install media. Then, follow the steps discussed below:
 - Follow the Start -> Run menu sequence on the *admin/master* server of the DDC farm.
 - In the **Run** dialog box, type the command **C:\windows\syswow64\cmd.exe**.
 - Once the command prompt appears, issue the command: **powershell.exe**
 - This will launch the Powershell prompt window. Here, issue the following command:


```
set-executionpolicy unrestricted
```

 • Next, close the Powershell prompt window.

- Return to the Run dialog box (by following the Start -> Run menu sequence), and enter `c:\windows\syswow64\cmd.exe` therein.
- In the command prompt that appears, issue the following command:

```
powershell -psconsolefile "c:\program files (x86)\citrix\desktop delivery controller\powershell\xdcommands.psc1" -command c:\egurkha\lib\xenddcall.ps1 <ip address of ddc machine>
```
- If the above command executes successfully, install the 32-bit version of the eG agent and proceed to monitor the DDC server.
- Make sure that the **Microsoft .NET 3.5 framework** is installed on the *admin/master server* of the DDC farm. If not available, then, connect to the URL: <http://www.microsoft.com/downloads/details.aspx?FamilyId=333325FD-AE52-4E35-B531-508D977D32A6&displaylang=en>, download the installable, and then install the framework on the target host.
- Make sure that the **Microsoft PowerShell SDK 1.0** pre-exists on the *admin/master server* of the DDC farm. If not available, then, connect to the URL: <http://www.microsoft.com/windowsserver2003/technologies/management/powershell/download.mspx>, download the installable, and then install the SDK on the target host.

Once this is done, the eG agent begins collecting the required metrics from the XenDesktop Broker – v3/4, and presents them to users with the help of the *XenDesktop Broker – v3/4* model.

1.2 Administering eG Manager to Monitor XenDesktop Broker – v3/4

To achieve this, follow the steps given below:

1. Log into the eG administrative interface.
2. eG Enterprise cannot automatically discover the XenDesktop Broker – v3/4. You need to manually add the server using the **COMPONENTS** page (see Figure 1.1) that appears when the Infrastructure -> Components -> Add/Modify menu sequence is followed. Remember that components manually added are managed automatically.

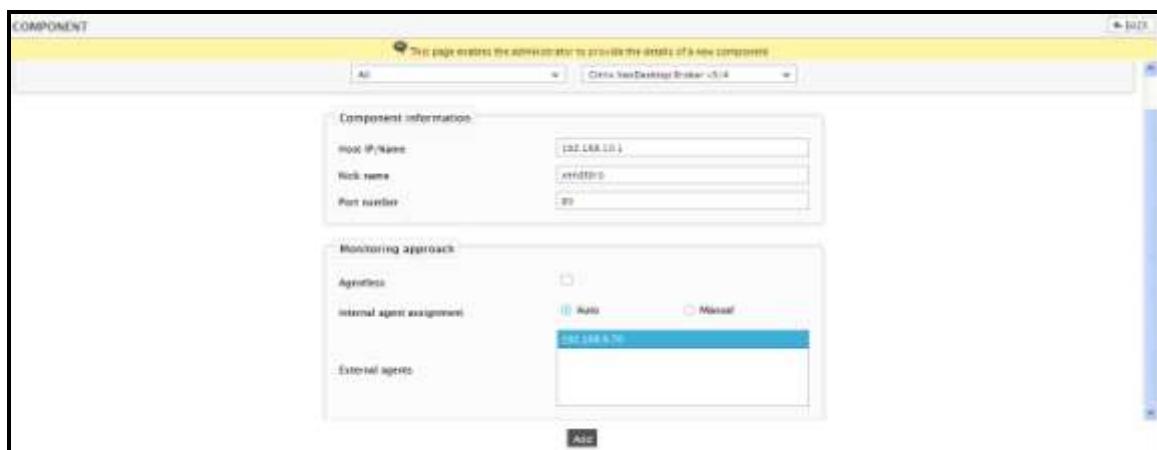


Figure 1.1: Adding a XenDesktop Broker – v3/4

3. The tests for this component will be configured automatically. Once you add the component, sign out

of the eG administrative interface.

1.3 Monitoring XenDesktop Broker – v3/4

To monitor the *XenDesktop Broker – v3/4*, do the following:

1. Login as a Monitor / Supermonitor user.
2. Follow the menu sequence: Monitor -> Hosts/Applications -> Servers.
3. From the **SERVERS** page that appears, click on the *XenDesktop Broker – v3/4* being monitored.

Conclusion

This document has described in detail the steps for configuring and monitoring the **XenDesktop Broker – v3/4**. For details of how to administer and use the eG Enterprise suite of products, refer to the user manuals.

We will be adding new measurement capabilities into the future versions of the eG Enterprise suite. If you can identify new capabilities that you would like us to incorporate in the eG Enterprise suite of products, please contact support@eginnovations.com. We look forward to your support and cooperation. Any feedback regarding this manual or any other aspects of the eG Enterprise suite can be forwarded to feedback@eginnovations.com.