HIPPO Version 4.3.x Pre-Requisites Guide

This is a checklist guide to ensure the prerequisites have been met to install HIPPO. Please complete and attach any comments and send to Vertoscope should there be any queries.

HIPPO comprises:

- One or more Collectors, which run locally on the Informatica nodes
- The HIPPO Repository
- Active Notification Centre (HANC)
- User Interface

The HIPPO Repository, HANC and User Interface are installed and run on a dedicated Windows server, referred hereafter as the "HIPPO Server".

HIPPO Server

		Comments
Operating System	The server should be Windows 2008 or above, 32 or 64 bit version	
Resources	2 core CPU, 2.4 GHz	
	4 GB RAM	
	10 GB local disk space plus 10 GB per Collector	
	NIC with statically allocated IP address	
Java	Java 1.6 (32 or 64 bit version to match the underlying OS) or above must be installed in order to run HANC	
	The JAVA_HOME path should be configured to point to the Java environment	
Database	A dedicated port must be open to allow communication between the HIPPO Repository and the Collectors running on the Informatica nodes. Port 5432 is configured by default, but this can be changed after installation if required. The same port must be open on each required node.	
	It is recommended that prior to installation that a 'ping' test (or otherwise) is carried out on the HIPPO server to ensure there is visibility of the required nodes. This should then be repeated in the opposite direction from the nodes back to the HIPPO server.	
Web Server	Dedicated ports must be open to allow communication with the web server and user browsers. Ports 80 and 443 (SSL) are configured by default, but this can be changed after installation if required (for instance, if there is already a web server running on the server on this port).	

	The web service port on the Informatica Domain must also be accessible from the web server if required. This is usually on port 7333.	
Additional Requirements	An account with administrative privileges is required to run the installer, as Windows services are created during the installation process. Installation of HANC also requires administrative privileges.	
	The default installation path is C:\hippo which may be chan The VC++ Redistributable package is a pre-requisite for both PostgreSQL and Apache which form part of the HIPPO installation. This is usually installed by default on Windows operating systems, and can be seen in the Control Panel "Add or Remove Programs". The libraries can be downloaded from e.g. http://www.microsoft.com/en-gb/download/details.aspx?id=29.ged afterwards to the root of another drive, e.g. D:\hippo.	
	A browser must be installed to perform the installation. Internet Explorer should be available with standard Windows installations, however it must be version 9 or above. Other support browsers are Chrome 20.x onwards and Mozilla/Firefox 14.x onwards.	
	The HIPPO installation binary should be copied locally on the HIPPO Server.	
	A valid HIPPO license key should be copied locally on the HIPPO Server.	

Installation

HIPPO 4.3 is supplied as an installation binary which contains all the necessary components. During the installation process services are created to automatically run the HIPPO Repository and web server.

Once complete, the HIPPO installation screen launches in the default browser. This is covered in the installation guide, however the key details that should be to hand are summarised below.

		Comments
License Key	A valid HIPPO license key copied locally on the HIPPO Server.	
Informatica Details	Informatica Domain name, gateway host, port and web services hub URL (if applicable).	
	Informatica Repository name and a user account that will be used by the Collectors to execute Informatica client commands (infacmd, pmcmd and pmrep). Note this account will need the Manage Services privilege configured in the Informatica Domain.	
	Informatica Repository database details.	
	Informatica host name and node name.	
	The Informatica binary folder where pmcmd and infacmd reside, e.g. \Informatica\9.1.0\server\bin.	
	Informatica Domain name, gateway host, port and web	

	services hub URL (if applicable).	

After the initial screens the HIPPO UI is launched. Further Informatica Domains, Repositories and Nodes can be added as required, or the initial configuration values changed.

Collectors

For each additional Informatica node to be monitored you will need to:

		Comments
License Key	Send the IP address to Vertoscope for incorporation into the HIPPO license key.	
Installation Location	Create an installation directory on the host. The user under which the Collector will execute must have full privileges on this directory and its subdirectories.	
Disk Space	Each Collector requires up to 50 MB including all binaries and logs, plus temporary storage space to hold any Informatica session logs. Only one log is stored at a time and deleted after processing.	
Java	Install Java 1.6 or above if required. Note that Java 1.6 is included with Informatica PowerCenter 9.0 onwards.	
Privileges	Ensure that the user under which the Collector will execute has rights to execute Informatica commands, for example "[Informatica binary root]/ infacmd.bat help" and "[Informatica binary root]/pmcmd version".	
Informatica Environment	Please ensure that the INFA_HOME and INFA_DOMAINS_FILE environment variables are set correctly.	
Ports	The node must be able to communicate with the HIPPO server on port 5432 to allow data to be transmitted to, and received from, the HIPPO Repository.	