

Throttling File Replication Network Traffic

It should be noted that throttling of a website helps limit the network traffic rate originating from this website, i.e., if the primary vault is on this website and is replicating to another vault on another website.

Procedure to setup Bandwidth Throttling for a Website

It is assumed that necessary setup has been performed to replicate files from the one vault to another and that each vault is running on a separate IIS website.

For IIS7, perform the following for Bandwidth Throttling on the website with Primary vault:

1. Start IIS Manager.
2. Select the website and click **Advanced Settings**.
3. Under section **Connection Limits**, specify the Maximum Bandwidth (in Bytes/sec)
4. Restart the website.

For IIS6, perform the following for Bandwidth Throttling on the website with Primary vault:

5. Start IIS Manager.
6. Right click on the website and select Properties.
7. On the Performance TAB, in the Bandwidth Throttling Section click the Checkbox and select the Maximum Bandwidth (in kilobytes/sec)
8. Restart the website.

Once configured, these settings restrict the download or any files from the website. This limits the amount of bandwidth taken by the replication, but if your website also controls access to Aras Innovator this also restricts the bandwidth used by Aras Innovator. It is recommended you have a thorough execution plan before putting these setting in place, as they can have an impact on end-user experience.

Verifying the results of Bandwidth Throttling for a Website by Network traffic Monitoring and Logging

To verify that Throttling is playing a role during replication of data the following is one of the methods:



Depending on the specific version of Windows perform either one of the options below:

- **Start Settings → Control Panel → Administrative Tools → Performance**

It brings up a MMC (Microsoft Management Console) pre-populated with System Monitor and Performance Logs and Alerts Snap-ins.

- **Start → Settings → Control Panel → Administrative Tools**

In the Administrative Tools selections available, double-click **Reliability and Performance Monitor**.

It brings up a MMC (Microsoft Management Console) with Monitoring Tools folder, under which there is 'Performance Monitor'.

