

Wasp

BARCODE TECHNOLOGIES

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Cloud On-Premise: IIS Settings to improve performance

Scott Leonard - 2022-01-12 - in Cloud

After the Cloud On-Premise software is installed successfully and you've confirmed you can log in successfully, make these changes in IIS Manager to improve performance. (Some settings may already be at the recommended value.)

1. Start IIS Manager (type IIS into the Windows search box to find and launch).
2. At the upper left, expand your computer name, then click Application Pools.
3. In the right pane, right-click WaspPAPI, then Advanced Settings.
4. Under the General section, change Start Mode from OnDemand to AlwaysRunning.
5. Under the Process Model section, change Idle Time-out (minutes) from 20 to 0.
6. Under the Recycling section, change Regular Time Interval (minutes) from 240 to 0.

(another suggested value is 1740).

7. Click OK.

The screenshot shows the 'Advanced Settings' dialog box for WaspPAPI. The 'General' tab is selected, displaying the following settings:

Property	Value
.NET CLR Version	v4.0
Enable 32-Bit Applications	False
Managed Pipeline Mode	Integrated
Name	WaspPAPI
Queue Length	4000
Start Mode	AlwaysRunning

The 'CPU' tab is also visible, showing the following settings:

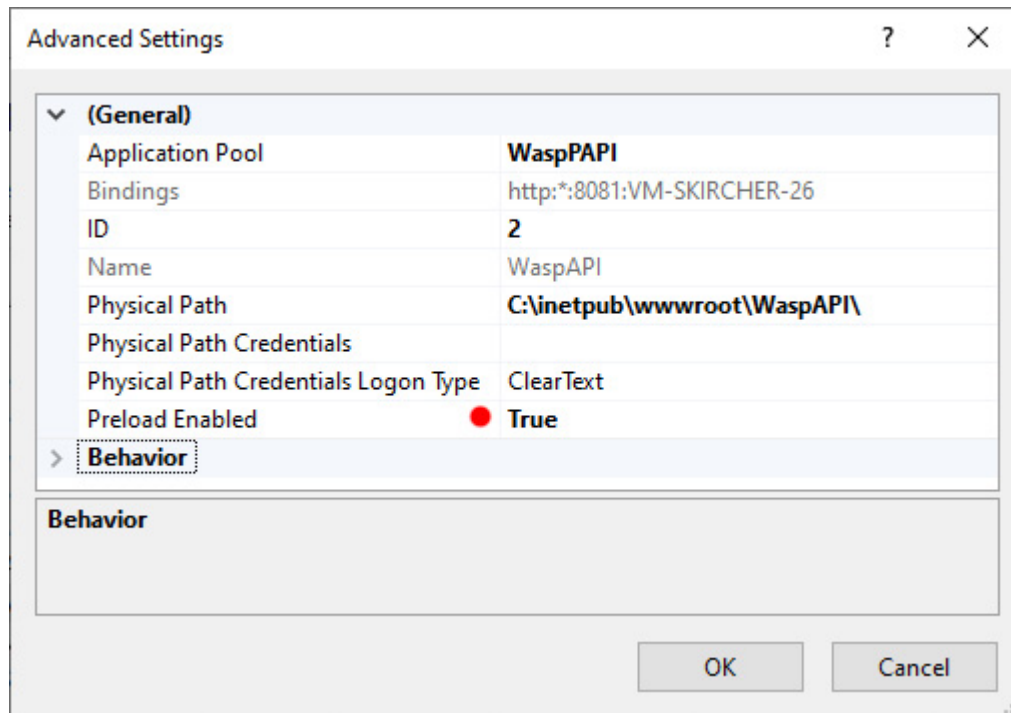
Property	Value
Process Model	ApplicationPoolIdentity
Generate Process Model Event Log Entry	True
Idle Time-out (minutes)	0
Idle Time-out Action	Terminate
Load User Profile	True
Maximum Worker Processes	2
Ping Enabled	True
Ping Maximum Response Time (seconds)	90
Ping Period (seconds)	30
Shutdown Time Limit (seconds)	90
Startup Time Limit (seconds)	90
Process Orphaning	True
Rapid-Fail Protection	True
Recycling	False
Disable Overlapped Recycle	False
Disable Recycling for Configuration Change	False
Generate Recycle Event Log Entry	True
Private Memory Limit (KB)	0
Regular Time Interval (minutes)	0
Request Limit	0
Specific Times	TimeSpan[] Array
Virtual Memory Limit (KB)	0

The 'CPU' section is highlighted in the left sidebar. The 'OK' and 'Cancel' buttons are at the bottom right.

8. Repeat Steps 3-7 for WaspPSTS and WaspPIC (if you are running InventoryCloud) or WaspPAC (for AssetCloud) application pools, with same settings.

* If you are still using v1.04.05 or older, update WaspPmvc instead of WaspPIC or WaspPAC.

9. At the upper left, expand Sites.
10. Under Sites, right-click WaspAPI, Manage Website, then Advanced Settings.
11. Under the General section, change Preload Enabled from False to True.
12. Click OK.



13. Repeat Steps 10-12 for the WaspSTS and Wasp_IC or Wasp_AC sites, with the same setting.
- * Again, if you are still running v1.04.05 or older, update WaspMVC.
14. When all 3 application pools and all 3 sites have been updated, IIS Manager can be closed.

Related Pages

- [Cloud On-Premise: Overview of what gets installed, procedures performed \(Express installation type\)](#)
- [Cloud On-Premise installation: Summary & Prerequisites](#)